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No	Authors	Title	Source title	Predator Y/N2	Departemen	Publisher	Predator Y/N2	Document Type	Source	Rangking Jurnal	Main Author (Nama & Gelar)
1	Mostafa A.A.-F., Elshikh M.S., Al-Askar A.A., Hadibarata T., Yuniarto A., Syafiuddin A.	Decolorization and biotransformation pathway of textile dye by <i>Cylindrocephalum aurelium</i>	Bioprocess and Biosystems Engineering	N	Teknik Lingkungan	Springer Verlag	N	Article	Scopus	Q2	Adhi Yuniarto, ST.,MT.Ph.D.
2	Yeo W.S., Yuniarto A.	The external mass transfer model for the hydrolysis of palm olein using immobilized lipase in a scaled-up recirculated packed-bed reactor	Journal of Environmental Chemical Engineering	N	Teknik Lingkungan	Elsevier Ltd	N	Article	Scopus	Q1	Adhi Yuniarto, ST.,MT.Ph.D.
3	Purwanti I.F., Kurniawan S.B., Imron M.F.	Potential of <i>Pseudomonas aeruginosa</i> isolated from aluminium-contaminated site in aluminium removal and recovery from wastewater	Environmental Technology and Innovation	N	Teknik Lingkungan	Elsevier B.V.	N	Article	Scopus	Q1	Ipung Fitri Purwanti, ST.,MT.Ph.D.
4	Islam R., Nazifa T.H., Yuniarto A., Shanawaz Uddin A.S.M., Salmiati S., Shahid S.	An empirical study of construction and demolition waste generation and implication of recycling	Waste Management	N	Teknik Lingkungan	Elsevier Ltd	N	Article	Scopus	Q1	Adhi Yuniarto, ST.,MT.Ph.D.
5	Anuar F.I., Hadibarata T., Muryanto, Yuniarto A., Priyandoko D., Sari A.A.	Innovative chemically modified biosorbent for removal of Procion Red	International Journal of Technology	N	Teknik Lingkungan	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Adhi Yuniarto, ST.,MT.Ph.D.
6	Arum G.S., Bagastyo A.Y.	Removal of fluoride ion from fertilizer industry wastewater to recover ammonium and phosphate using a five-compartment electro dialysis system	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Arseto Yekti Bagastyo, ST, MT, M.Phil, Ph.D.
7	Darmawan T.B., Syafei A.D.	Characterizing NO ₂ in Indonesia Using Satellite Ozone Monitoring Instruments	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.Eng. Arie Dipareza Syafei, ST, MEPM
8	Titah H.S., Purwanti I.F., Tangahu B.V., Kurniawan S.B., Imron M.F., Abdullah S.R.S., Ismail N. I.	Kinetics of aluminium removal by locally isolated <i>Brochothrix thermosphacta</i> and <i>Vibrio alginolyticus</i>	Journal of Environmental Management	N	Teknik Lingkungan	Elsevier	N	Article	Scopus	Q1	Harmin Sulistiyaning Titah, ST, MT.Ph.D.
9	Setiawan M.A., Masduqi A.	Environmental carrying capacity of Garang River basin in Central Java Province	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ali Masduqi, ST. MT.
10	Aliffia A., Karnaningroem N.	Simulation of pollution load capacity using QUAL2Kw model in Kali Surabaya River (Cangkir-Sepanjang segment)	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.Dr.Ir. Nieke Karnaningroem, M.Sc
11	Gemardi A., Hidayat T., Fitriani N., Soedjono E.S.	Use of biogas from tofu industry for domestic use at Probolinggo City - Indonesia	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Ir. Eddy Setiadi Soedjono, Dipl.SE,M.Sc
12	Imron M.F., Kurniawan S.B., Titah H.S.	Potential of bacteria isolated from diesel-contaminated seawater in diesel biodegradation	Environmental Technology and Innovation	N	Teknik lingkungan	Elsevier B.V.	N	Article	Scopus	Q1	Harmin Sulistiyaning Titah, ST, MT.Ph.D.
13	Al Farraj D.A., Elshikh M.S., Al Khulaifi M.M., Hadibarata T., Yuniarto A., Syafiuddin A.	Biotransformation and Detoxification of Antraquinone Dye Green 3 using halophilic <i>Hortaea</i> sp.	International Biodeterioration and Biodegradation	N	Teknik Lingkungan	Elsevier Ltd	N	Article	Scopus	Q1	Adhi Yuniarto, ST.,MT.Ph.D.
14	Wilujeng S.A., Damanhuri E., Chaerul M.	Medical waste management in private clinics in Surabaya and factors affecting it	International Journal of GEOMATE	N	Teknik Lingkungan	GEOMATE International Society	N	Article	Scopus	Q3	Susi Agustina Wilujeng, ST., MT

15	Soedjono E., Fitriani N., Ningsih D.A., Syahbiba I.N., Buhari C.	Study on pro-active waste-bank to collect domestic solid waste using application – Case study Kelurahan Gundih of Surabaya, Indonesia	Pollution Research	N	Teknik Lingkungan	EM International	N	Article	Scopus	Q4	Ir. Eddy Setiadi Soedjono, Dipl.SE,M.Sc
16	Boedisantoso R., Ciptaningayu T.N., Syafei A.D., Assomadi A.F., Slamet A., Hermana J.	Reduction of CO, NOx and SO2 emissions from the transfer of private vehicles to public transportation: A case study of Surabaya	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Rachmat Boedisantoso, MT.
17	Hendriarianti E., Karnaningroem N., Siswanto N., Hadi W., Eddy S.S., Notodarmojo S.	Dissolved oxygen dynamic system model for the determination of the waste assimilating capacity at Brantas river Malang city	IOP Conference Series: Materials Science and Engineering	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.Dr.Ir. Nieke Karnaningroem, M.Sc
18	Moesriati A., Razif M., Damayanti A., Priandanu A.	Aluminum metal pollution load in Surabaya river	Pollution Research	N	Teknik Lingkungan	EM International	N	Article	Scopus	Q4	Ir. Atiek Moesriati, M.Kes
19	Pandebesie E.S., Indrihastuti I., Wilujeng S.A., Warmadewanthi I.	Factors influencing community participation in the management of household electronic waste in West Surabaya, Indonesia	Environmental Science and Pollution Research	N	Teknik Lingkungan	Springer Verlag	N	Article	Scopus	Q1	Dr. Ir. Ellina S Pandebesie, MT.
20	Barakwan R.A., Hardina T.T., Trihadiningrum Y., Bagastyo A.Y.	Recovery of alum from Surabaya water treatment sludge using electrolysis with carbon-silver electrodes	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Prof. Dr. Yulinah Trihadiningrum, M.App.Sc
21	Moesriati A., Wardani L.K.	Study of wastewater treatment of water used from jeans washing by using biological method	Pollution Research	N	Teknik lingkungan	EM International	N	Article	Scopus	Q4	Ir. Atiek Moesriati, M.Kes
22	Mappangara H., Karnaningroem N.	Failure reduction on the operational treatment of drinking water refills in Wonokromo Subdistrict, Surabaya, Indonesia	Pollution Research	N	Teknik Lingkungan	EM International	N	Article	Scopus	Q4	Prof.Dr.Ir. Nieke Karnaningroem, M.Sc
23	Bagastyo A.Y., Mujaddid G.R.A., Sidik F., Rouf N.A., Agustina F.	Innovative electrochemical system for landfill leachate treatment: Determination of treatment efficiency on laboratory-scale reactor	Pollution Research	N	Teknik Lingkungan	EM International	N	Article	Scopus	Q4	Arseto Yekti Bagastyo, ST, MT, M.Phil, Ph.D.
24	Hikmawati D.N., Bagastyo A.Y., Warmadewanthi I.	Electrodialytic recovery of ammonium and phosphate ions in fertilizer industry wastewater by using a continuous-flow reactor	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Arseto Yekti Bagastyo, ST, MT, M.Phil, Ph.D.
25	Barakwan R.A., Trihadiningrum Y., Bagastyo A.Y.	Characterization of alum sludge from Surabaya Water Treatment Plant, Indonesia	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Prof. Dr. Yulinah Trihadiningrum, M.App.Sc
26	Agustina F., Bagastyo A.Y., Nurhayati E.	Electro-oxidation of landfill leachate using boron-doped diamond: Role of current density, pH and ions	Water Science and Technology	N	Teknik Lingkungan	IWA Publishing	N	Article	Scopus	Q2	Arseto Yekti Bagastyo, ST, MT, M.Phil, Ph.D.
27	Trihadiningrum Y., Latif R.A., Rachman R.M.	Speciation of mercury contaminant in public gold mine tailing and its stabilization using sulfur and sulfide	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Prof. Dr. Yulinah Trihadiningrum, M.App.Sc
28	Titah H.S., Purwanti I.F., Pratikno H., Chimayati R.L., Handayanu	Preliminary phytotoxicity test on salinity against mangrove plants of Rhizophora mucronata	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Harmin Sulistiyaning Titah, ST, MT.Ph.D.
29	Chimayati R.L., Titah H.S.	Removal of salinity using interaction mangrove plants and bacteria in batch reed bed system reactor	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Harmin Sulistiyaning Titah, ST, MT.Ph.D.

30	Wilujeng S.A., Damanhuri E., Chaerul M.	Medical waste generation from community health centers in surabaya and the improvement in its management	Pollution Research	N	Teknik Lingkungan	EM International	N	Article	Scopus	Q4	Susi Agustina Wilujeng, ST., MT
31	Fitriani N., Isnadina D.R.M., Yufansyah M., Ningsih D.A., Soedjono E.S.	Communal septic tanks as appropriate technology to achieve Surabaya Open Defecation Free (ODF)	International Journal of GEOMATE	N	Teknik Lingkungan	GEOMATE International Society	N	Article	Scopus	Q3	Ir. Eddy Setiadi Soedjono, Dipl.SE,M.Sc
32	Tuas M.A., Masduqi A.L.I.	Removal of copper content in jewelry industry wastewater using commercial activated carbon	Pollution Research	N	Teknik Lingkungan	EM International	N	Article	Scopus	Q4	Dr. Ali Masduqi, ST. MT.
33	Pandebesie E.S., Kartini A.M., Wilujeng S.A., Warmadewanthi I.D.A.A.	Utilization of stalks waste of sorghum to produce bioethanol by using Saccharomyces cerevisiae and S. cerevisiae-Pichia stipitis consortium	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Dr. Ir. Ellina S Pandebesie, MT.
34	Apriani M., Hadi W., Masduqi A.	The kinetics of magnesium carbonate crystallization for traditional salt production wastewater recovery	Materials Science Forum	N	Teknik Lingkungan	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Dr. Ali Masduqi, ST. MT.
35	Tuas M.A., Masduqi A.	Treatment of copper-contained jewellery wastewater by precipitation and adsorption using rice husk charcoal	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Dr. Ali Masduqi, ST. MT.
36	Purwanti I.F., Tangahu B.V., Titah H.S., Kurniawan S.B.	Phytotoxicity of aluminium contaminated soil to scirpus grossus and typha angustifolia	Ecology, Environment and Conservation	N	Teknik Lingkungan	EM International	N	Article	Scopus	Q4	Ipung Fitri Purwanti, ST.,MT.Ph.D.
37	Purwanti I.F., Kurniawan S.B., Simanjuntak D.Y.	Removal of aluminium in contaminated soil using locally isolated vibrio alginolyticus	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Ipung Fitri Purwanti, ST.,MT.Ph.D.
38	Zubaidah T., Karnaningroem N., Slamet A.	The self-purification ability in the Rivers of Banjarmasin, Indonesia	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Prof.Dr.Ir. Nieke Karnaningroem, M.Sc
39	Kurniawan S.B., Imron M.F., Purwanti I.F.	Biosorption of chromium by living cells of Azotobacter s8, Bacillus subtilis and Pseudomonas aeruginosa using batch system reactor	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Ipung Fitri Purwanti, ST.,MT.Ph.D.
40	Rofida R., Fitriani N., Indarko D.G., Yuniarto A., Marsono B.D., Soedjono E.S.	Water quality mapping of piped water supply in Malang City - Indonesia	International Journal of Integrated Engineering	N	Teknik Lingkungan	Penerbit UTHM	N	Article	Scopus	Q3	Adhi Yuniarto, ST.,MT.Ph.D.
41	Tangahu B.V., Ningsih D.A., Kurniawan S.B., Imron M.F.	Study of BOD and COD removal in batik wastewater using Scirpus grossus and Iris pseudacorus with intermittent exposure system	Journal of Ecological Engineering	N	Teknik Lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Bieby Voijant Tangahu, ST, MT, Ph.D.
42	Nazifa T.H., Hadibarata T., Yuniarto A., Elshikh M.S., Syafiuiddin A.	Equilibrium, kinetic and thermodynamic analysis petroleum oil adsorption from aqueous solution by magnetic activated carbon	IOP Conference Series: Materials Science and Engineering	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Adhi Yuniarto, ST.,MT.Ph.D.
43	Syafei A.D., Irawandani T.D., Boedisantoso R., Assomadi A.F., Slamet A., Hermana J.	The influence of environmental conditions (vegetation, temperature, equator, and elevation) on tropospheric nitrogen dioxide in urban areas in Indonesia	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.Eng. Arie Dipareza Syafei, ST, MEPM
44	Soedjono E.S., Fitriani N., Setiawan A., Mulia G.J.T., Ningsih D.A.	Study on communal wastewater treatment plants (CWWTPs) in Gresik, Indonesia	International Journal of Integrated Engineering	N	Teknik Lingkungan	Penerbit UTHM	N	Article	Scopus	Q3	Ir. Eddy Setiadi Soedjono, Dipl.SE,M.Sc

45	Rahmat N.A., Hadibarata T., Yuniarto A., Elshikh M.S., Syafiuddin A.	Isotherm and kinetics studies for the adsorption of bisphenol A from aqueous solution by activated carbon of Musa acuminata	IOP Conference Series: Materials Science and Engineering	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Adhi Yuniarto, ST.,MT.Ph.D.
46	Syafiuddin A., Hadibarata T., Yuniarto A., Tay A.C., Ali S.K., Hidayat T.	Kinetic and isotherm studies of adsorption processes in the removal of reactive dyes from aqueous solutions	IOP Conference Series: Materials Science and Engineering	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Adhi Yuniarto, ST.,MT.Ph.D.
47	Al Farraj D.A., Hadibarata T., Yuniarto A., Syafiuddin A., Surtikanti H.K., Elshikh M.S., Al Khulaifi M.M., Al-Kufaidy R.	Characterization of pyrene and chrysene degradation by halophilic Hortaea sp. B15	Bioprocess and Biosystems Engineering	N	Teknik Lingkungan	Springer Verlag	N	Article	Scopus	Q2	Adhi Yuniarto, ST.,MT.Ph.D.
48	Wicaksono A., Karnaningroem N.	Minimizing failure risk of refill drinking water production in Rungkut district Surabaya using Failure Mode and Effect Analysis (FMEA)	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.Dr.Ir. Nieke Karnaningroem, M.Sc
49	Purwanti I.F., Kurniawan S.B., Ismail N., Imron M.F., Abdullah S.R.S.	Aluminium removal and recovery from wastewater and soil using isolated indigenous bacteria	Journal of Environmental Management	N	Teknik Lingkungan	Academic Press	N	Article	Scopus	Q1	Ipung Fitri Purwanti, ST.,MT.Ph.D.
50	Sari G.L., Trihadiningrum Y., Ni'matuzahroh	Bioremediation of petroleum hydrocarbons in crude oil contaminated soil from wonocolo public oilfields using aerobic composting with yard waste and rumen residue amendments	Journal of Sustainable Development of Energy, Water and Environment Systems	N	Teknik Lingkungan	International Centre for Sustainable Development of Energy, Water and Environment Systems SDEWES	N	Article	Scopus	Q2	Prof. Dr. Yulinah Trihadiningrum, M.App.Sc
51	Sari G.L., Trihadiningrum Y., Ni'matuzahroh	Isolation and identification of native bacteria from total petroleum hydrocarbon polluted soil in Wonocolo Sub-District, Indonesia	Journal of Ecological Engineering	N	T lingkungan	Polish Society of Ecological Engineering (PTIE)	N	Article	Scopus	Q3	Prof. Dr. Yulinah Trihadiningrum, M.App.Sc
52	Putri F.A., Karnaningroem N.	Prediction of water pollution in Kali Surabaya river segment Karangpilang-Ngagel using stella model	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.Dr.Ir. Nieke Karnaningroem, M.Sc
53	Wahyuningsih I., Karnaningroem N.	Minimizing failure of production quality from refill drinking water in Gubeng District, Surabaya City, using failure mode and effect analysis	IOP Conference Series: Earth and Environmental Science	N	Teknik Lingkungan	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.Dr.Ir. Nieke Karnaningroem, M.Sc
54	Lestari P., Trihadiningrum Y.	The impact of improper solid waste management to plastic pollution in Indonesian coast and marine environment	Marine Pollution Bulletin	N	Teknik Lingkungan	Elsevier Ltd	N	Review	Scopus	Q1	Prof. Dr. Yulinah Trihadiningrum, M.App.Sc
55	Putra K.P., Yuniarno E.M., Purnomo M.H.	Focal Length Changes Estimation on Zooming Stereo Camera using Fundamental Matrix	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.Eko Mulyanto Yuniarno ST., MT.
56	Muhtadin, Fatimah K., Suprpto Y.K.	Brittle Ancient Document Using Adaptive Local Thresholding	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Muhtadin ST., MT.
57	Zaini A., Kurniawan A., Herdhiyanto A.D.	Internet of Things for Monitoring and Controlling Nutrient Film Technique (NFT) Aquaponic	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Ahmad Zaini ST.,MT.
58	Nugroho S.M.S., Utama A.S., Hariadi M., Yuhana U.L., Purnomo M.H.	HEIRDOM: Multiple Ending Scenario Game For Mathematics Learning Using Rule-Based System	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Supeno Mardi Susiki Nugroho ST., MT.
59	Kurniawan A., Ramadlan A., Yuniarno E.M.	Speed Monitoring for Multiple Vehicle Using Closed Circuit Television (CCTV) Camera	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Arief Kurniawan ST., MT.

60	Mawalid M.A., Khoirunnisa A.Z., Purnomo M.H., Wibawa A.D.	Classification of EEG Signal for Detecting Cybersickness through Time Domain Feature Extraction using Naive Bayes	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ir, Mauridhi Hery Purnomo M.Eng.
61	Purnama I.K.E., Pradana M.A., Muhtadin	Implementation of Object Following Method on Robot Service	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. I Ketut Eddy Purnama ST., MT.
62	Suprpto Y.K., Ramadhan S.M., Pramunanto E.	Gamelan Simulator Multiplatform Application Development	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Yoyon Kusnendar Suprpto M.Sc.
63	Pramunanto E., Uifa M., Kurniawan A.	Coast Panic-Emergency Situation Monitoring System on West and East Sailing Lane of Surabaya Using LORAWAN Technology	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Eko Pramunanto ST., MT.
64	Naharuddin A., Wibawa A.D., Sumpeno S.	A High Capacity and Imperceptible Text Steganography Using Binary Digit Mapping on ASCII Characters	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Surya Sumpeno ST., MT.
65	Rumpa L.D., Wibawa A.D., Attamimi M., Sampelawang P., Purnomo M.H., Palelleng S.	Analysis on Human Heart Signal during Sad Video Stimuli using Heart Rate Variability Triangular Index (HRVI)	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Adhi Dharma Wibawa ST., MT.
66	Gumelar A.B., Purnomo M.H., Yuniarno E.M., Sugiarto I.	Spectral Analysis of Familiar Human Voice Based On Hilbert-Huang Transform	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ir, Mauridhi Hery Purnomo M.Eng.
67	Wulandari D.P., Suprpto Y.K., Juniani A.I., Elyantono T.F., Purnami S.W., Islamiyah W.R.	Visualization of Epilepsy Patient's Brain Condition based on Spectral Analysis of EEG Signals using Topographic Mapping	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Diah Puspito Wulandari ST., M.Sc.
68	Rachmadi R.F., Koutaki G., Ogata K.	Lightweight Spatial Pyramid Convolutional Neural Network for Traffic Sign Classification	1st 2018 Indonesian Association for Pattern Recognition International Conference, INAPR 2018 - Proceedings	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Reza Fuad Rachmadi ST., MT.
69	Solekhan, Suprpto Y.K., Wirawan	Impulsive spike enhancement on gamelan audio using harmonic percussive separation	International Journal of Electrical and Computer Engineering	N	Teknik Komputer	Institute of Advanced Engineering and Science	N	Article	Scopus	Q2	Dr. Ir. Yoyon Kusnendar Suprpto M.Sc.
70	Sari D.K., Wulandari D.P., Suprpto Y.K.	Training Performance of Recurrent Neural Network using RTRL and BPTT for Gamelan Onset Detection	Journal of Physics: Conference Series	N	Teknik Komputer	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Diah Puspito Wulandari ST., M.Sc.
71	Saputri N., Suprpto Y.K., Wulandari D.P.	Effect of Using Window Type on Time Scale Modification on Voice Recording Using Waveform Similarity Overlap and Add	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Yoyon Kusnendar Suprpto M.Sc.
72	Priambodo J., Yuniarno E.M., Purnama I.E.	Magnetic Tracker Calibration Using Polynomial Fitting	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Eko Mulyanto Yuniarno ST., MT.
73	Nugroho A., Yuniarno E.M., Purnomo M.H.	Cooperative Multi-agent on Head Yaw of Humanoid Robot Using Consensus	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Eko Mulyanto Yuniarno ST., MT.
74	Yogaswara R.D., Wibawa A.D.	Comparison of Supervised Learning Image Classification Algorithms for Food and Non-Food Objects	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Adhi Dharma Wibawa ST., MT.

75	Pane E.S., Wibawa A.D., Pumomo M.H.	Channel Selection of EEG Emotion Recognition using Stepwise Discriminant Analysis	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Adhi Dharma Wibawa ST., MT.
76	Akbar A.M.A.M., Purnama I.K.E., Nugroho S.M.S., Hariadi M.	Fast and Efficient Cluster Based Map for Ship Tracking	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Supeno Mardi Susiki Nugroho ST., MT.
77	Riatma G.P., Yuniarno E.M., Nugroho S.M.S.	Closed Room Fire Propagation Modelling Using Multiple State Variables Cellular Automata	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Eko Mulyanto Yuniarno ST., MT.
78	Setiawan E.I., Wicaksono A.J., Santoso J., Kristian Y., Sumpeno S., Purnomo M.H.	N-Gram Keyword Retrieval on Association Rule Mining for Predicting Teenager Deviant Behavior from School Regulation	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ir, Mauridhi Hery Purnomo M.Eng.
79	Ikhlayel M., Hariadi M., Pumama I.K.E.	Modified Multi-scale Feature Extraction for Copy-Move Forgery Detection Based on CMD-SIFT	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Mochamad Hariadi ST., M.Sc. Ph.D
80	Mulyanto E., Yuniarno E.M., Purnomo M.H.	Adding an Emotions Filter to Javanese Text-to-Speech System	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Eko Mulyanto Yuniarno ST., MT.
81	Sooai A.G., Batarius P., Siki Y.C.H., Nani P.A., Mamulak N.M.R., Ngaga E., Rosiani U.D., Sumpeno S., Purnomo M.H., Mau S.D.B.	Comparison of Recognition Accuracy on Dynamic Hand Gesture Using Feature Selection	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Surya Sumpeno ST., MT.
82	Rosiani U.D., Ririd A.R.T.H., Choirina P., Sooai A.G., Sumpeno S., Purnomo M.H.	Micro Expression: Comparison of Speed and Marking Accuracy in Facial Component Detection	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ir, Mauridhi Hery Purnomo M.Eng.
83	Angkoso C.V., Purnama I.K.E., Purnomo M.H.	Analysis of Brain Tissue and Cerebrospinal Fluid Feature for Alzheimer's Disease Detection	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. I Ketut Eddy Purnama ST., MT.
84	Sahenda L.N., Pumomo M.H., Purnama I.K.E., Wisana I.D.G.H.	Comparison of Tuberculosis Bacteria Classification from Digital Image of Sputum Smears	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. I Ketut Eddy Purnama ST., MT.
85	Zaman L., Sumpeno S., Hariadi M.	Training Strategies for Remo Dance on Long Short-Term Memory Generative Model	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Mochamad Hariadi ST., M.Sc. Ph.D
86	Nugroho A.K., Putranto T.A., Pumomo M.H., Purnama I.K.E.	Semi Automatic Method for Basal Ganglia and White Matter Lesion Segmentation in MRI Images of Chronic Stroke Patients Using Adaptive Otsu	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Komputer	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. I Ketut Eddy Purnama ST., MT.
87	Anifah L., Purnomo M.H., Mengko T.L.R., Purnama I.K.E.	Osteoarthritis severity using linear vector quantization based first order feature	Journal of Physics: Conference Series	N	Teknik Komputer	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir, Mauridhi Hery Purnomo M.Eng.
88	Pane E.S., Wibawa A.D., Purnomo M.H.	Improving the accuracy of EEG emotion recognition by combining valence lateralization and ensemble learning with tuning parameters	Cognitive Processing	N	Teknik Komputer	Springer Verlag	N	Article	Scopus	Q3	Prof. Dr. Ir, Mauridhi Hery Purnomo M.Eng.
89	Mutsuda H., Rahmawati S., Taniguchi N., Nakashima T., Doi Y.	Harvesting ocean energy with a small-scale tidal-current turbine and fish aggregating device in the Indonesian Archipelagos	Sustainable Energy Technologies and Assessments	N	Teknik Kelautan	Elsevier Ltd	N	Article	Scopus	Q1	Dr. Eng. Shade Rahmawati, S.T., M.T.

90	Prastyasari F.I., Handani D.W., Dinariyana A.A.B., Prakoso M.A.	Feasibility study of diesel engine replacement on passenger ships: a system dynamics approach	WMU Journal of Maritime Affairs	N	Teknik Sistem Perkapalan	Springer Verlag	N	Article	Scopus	Q3	Fadilla Indrayuni Prastyasari, ST, M.Sc
91	Felayati F.M., Semin, Zaman M.B., Gusti A.P.	Consideration of split injection strategy for marine diesel engine combustion process	AIP Conference Proceedings	N	Teknik Sistem Perkapalan	American Institute of Physics Inc.	N	Conference Paper	Scopus		Prof. Semin, ST, MT, Ph.D
92	Syarif arief I., Aldara D.R.	Preliminary Design of Ocean Thermal Energy Conversion (OTEC) Axial Turbine for Laboratory Scale	2018 Asian Conference on Energy, Power and Transportation Electrification, ACEPT 2018	N	Teknik Sistem Perkapalan	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Irfan Syarif Arief, ST, MT
93	Arief I.S., Utama I.K.A.P., Hantoro R., Prananda J., Arvisa T.R., Kusuma R.F.	Mooring Experimental Study of Motion Response for Pendulum Wave Energy Converters	IOP Conference Series: Materials Science and Engineering	N	Teknik Sistem Perkapalan	Institute of Physics Publishing	N	Conference Paper	Scopus		Irfan Syarif Arief, ST, MT
94	Semin, Zaman M.B., Santoso A.	Effect of compression ratio improvement on the performance of dual fuel engine	International Review of Mechanical Engineering	N	Teknik Sistem Perkapalan	Praise Worthy Prize	N	Article	Scopus	Q3	Prof. Semin, ST, MT, Ph.D
95	Semin, Felayati F.M., Cahyono B., Zaman M.B.	Improvement approaches for the combustion process of recent diesel natural gas dual fuel engines – A technical review	International Review of Mechanical Engineering	N	Teknik Sistem Perkapalan	Praise Worthy Prize	N	Article	Scopus	Q3	Prof. Semin, ST, MT, Ph.D
96	Darmawan M.S., Bayuaji R., Sugihardjo H., Husin N.A., Affandhie R.B.A.	Shear strength of geopolymer concrete beams using high calcium content fly ash in a marine environment	Buildings	N	Teknik Infrastruktur Sipil	MDPI AG	N	Article	Scopus	Q2	Prof. Ir. Muhammad Sigit Darmawan, M.Eng.Sc, Ph.D
97	Tajunnisa Y., Shigeishi M., Bayuaji R., Darmawan M.S.	Reliability of alkali-activated and Portland cement mortar under compressive test by acoustic emission	International Journal of GEOMATE	N	Teknik Infrastruktur Sipil	GEOMATE International Society	N	Article	Scopus	Q3	Dr. Eng. Yuyun Tajunnisa, ST, MT
98	Tajunnisa Y., Bayuaji R., Husin N.A., Wibowo Y.N., Shigeishi M.	Characterization alkali-activated mortar made from fly ash and sandblasting	International Journal of GEOMATE	N	Teknik Infrastruktur Sipil	GEOMATE International Society	N	Article	Scopus	Q3	Dr. Eng. Yuyun Tajunnisa, ST, MT
99	Piscesa B., Attard M.M., Prasetya D., Samani A.K.	Modeling cover spalling behavior in high strength reinforced concrete columns using a plasticity-fracture model	Engineering Structures	N	Teknik Sipil	Elsevier Ltd	N	Article	Scopus	Q1	Bambang Piscesa, ST., MT., PhD
100	Ulfiana D., Wardoyo W.	Effect of lateral and longitudinal distance of baffled block on flow velocity for various tail water depth conditions	AIP Conference Proceedings	N	Teknik Sipil	American Institute of Physics Inc.	N	Conference Paper	Scopus		Dr.Ir. Wasis Wardoyo, MSc
101	Manaha Y.P., Suprobo P., Wahyuni E.	Retrofitting of square reinforced concrete column by welded wire mesh jacketing with concentric axial load	IOP Conference Series: Materials Science and Engineering	N	Teknik Sipil	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.Ir. Priyo Suprobo, MS., PhD
102	Christianto D., Tavio T., Kurniadi D.	Effect of steel fiber on the shear strength of reactive powder concrete	IOP Conference Series: Materials Science and Engineering	N	Teknik Sipil	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Tavio, ST., MT., PhD
103	Lestari L.L., Soemitro R.A.A., Hattab M., Ekaputri J.J., Warnana D.D.	Assessment to Mechanical Material Properties of Natural and Metakaolin based Geopolymer Stabilized Soil	IOP Conference Series: Materials Science and Engineering	N	Teknik Sipil	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Ria Asih ryani Soemitro, M.Eng
104	Komara I., Wahyuni E., Suprobo P., Taşkın K.	Micro-Structural Characterization of the bond strength capacity of adhesive material in the alternative of cold-formed steel frame system	IOP Conference Series: Materials Science and Engineering	N	Teknik Sipil	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.Ir. Priyo Suprobo, MS., PhD

105	Rohman M.A., Wiguna I.P.A.	Evaluation of road design performance in delivering community project social benefits in Indonesian PPP	International Journal of Construction Management	N	Teknik Sipil	Taylor and Francis Ltd.	N	Article	Scopus	Q2	Moh. Arif Rohman, ST., MSc., PhD
106	Hilda Yuliana A., Dewa Made Alit Karyawan I., Murtiadi S., Ekaputri J.J., Ahyudanari E.	The effect of slope granulator on the characteristic of artificial geopolymer aggregate used in pavement	Journal of Engineering Science and Technology	N	Teknik Sipil	Taylor's University	N	Article	Scopus	Q2	Ir. Ervina Ahyudanari, MSc., PhD
107	Amalia D., Mochtar I.B., Mochtar N.E.	Application of digital image technology for determining geometry, stratigraphy, and position of cracks inside earth slope	International Journal of GEOMATE	N	Teknik Sipil	GEOMATE International Society	N	Article	Scopus	Q3	Prof.IR. Indrasurya B. Mochtar, MSc., PhD
108	Rahmawati Y., Utomo C., Zawawi N.A.W.A.	BIM and e-negotiation practices in AEC consulting businesses	Sustainability (Switzerland)	N	Teknik Sipil	MDPI AG	N	Article	Scopus	Q2	Christiono Utomo, ST., MT., PhD
109	Yudiawati, Y., Mochtar, I.B., Mochtar, N.E	Group capacity and efficiency of full friction piles on very soft soil	International Journal of GEOMATE	N	Teknik Sipil	GEOMATE International Society	N	Article	Scopus	Q3	Prof.IR. Indrasurya B. Mochtar, MSc., PhD
110	N Widayanti and E Ahyudanari	Usage of power plant waste for airport pavement surfac	IOP Conference Series: Materials Science and Engineering	N	Teknik Sipil	Institute of Physics Publishing	N	Conference Paper	Scopus		Ir. Ervina Ahyudanari, ME., PhD
111	Aryoseno, Ahyudanari, E.	Criteria analysis in the selection method of mud pumping in coal mining project	IOP Conference Series: Materials Science and Engineering	N	Teknik Sipil	Institute of Physics Publishing	N	Conference Paper	Scopus		Ir. Ervina Ahyudanari, ME., PhD
112	I Dewa M.A.K., Januarti J.E., Iswandaru W., Ervina A.	The effects of Na ₂ SiO ₃ /NaOH ratios on the volumetric properties of fly ash geopolymer artificial aggregates	Materials Science Forum	N	Teknik Sipil	Trans Tech Publications Ltd	N	Article	Scopus	Q4	Dr.Eng Januarti Jaya Eka Putri, ST., MT.
113	Wahyu A.L., Mochtar I.B.	The effectiveness of vacuum preloading on eliminate secondary settlement; Case study in summarecon city bandung area's development project	IOP Conference Series: Earth and Environmental Science	N	Teknik Sipil	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof.IR. Indrasurya B. Mochtar, MSc., PhD
114	Jokonowo B., Sarno R., Rochimah S., Priambodo B.	Process mining: Measuring key performance indicator container dwell time	Indonesian Journal of Electrical Engineering and Computer Science	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q3	Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
115	Rintyarna B.S., Sarno R., Faticah C.	Semantic features for optimizing supervised approach of sentiment analysis on product reviews	Computers	N	Informatika	MDPI AG	N	Article	Scopus	Q2	Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
116	Fajar A., Sarno R.	Asynchronous agent-based simulation and optimization of parallel business	Telkonnika (Telecommunication Computing Electronics and Control)	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q3	Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
117	Sarno R., Sungkono K.R.	A survey of graph-based algorithms for discovering business processes	International Journal of Advances in Intelligent Informatics	N	Informatika	Universitas Ahmad Dahlan	N	Article	Scopus	Q3	Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
118	Khotimah W.N., Anggita T., Suciati N.	Indonesian sign language recognition using kinect and dynamic time warping	Indonesian Journal of Electrical Engineering and Computer Science	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q3	Wijayanti Nurul Khotimah, S.Kom., M.Sc
119	Maniriho P., Ahmad T.	Information hiding scheme for digital images using difference expansion and modulus function	Journal of King Saud University - Computer and Information Sciences	N	Informatika	King Saud bin Abdulaziz University	N	Article	Scopus	Q1	Tohari Ahmad, S.Kom, MIT, Ph.D.

120	Syahan Z., Ahmad T.	Reversible data hiding method by extending reduced difference expansion	International Journal of Advances in Intelligent Informatics	N	Informatika	Universitas Ahmad Dahlan	N	Article	Scopus	Q3	Tohari Ahmad, S.Kom, MIT, Ph.D.
121	Indraswari R., Kurita T., Arifin A.Z., Suciati N., Astuti E.R.	Multi-projection deep learning network for segmentation of 3D medical images	Pattern Recognition Letters	N	Informatika	Elsevier B.V.	N	Article	Scopus	Q1	Dr. Agus Zainal Arifin, S.Kom, M.Kom
122	Saikhu A., Arifin A.Z., Faticah C.	Correlation and symmetrical uncertainty-based feature selection for multivariate time series classification	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Dr. Ahmad Saikhu, S.Si, MT.
123	Hakim L., Sarno R., Sungkono K.R.	Modified Alpha++ algorithm for discovering the hybrid of non-free choice and invisible task of business processes	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
124	Al-Hooti M.H.A., Ahmad T.	Reversible data hiding in audio based on discrete cosine transform and location maps	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Tohari Ahmad, S.Kom, MIT, Ph.D.
125	Pusadan M.Y., Buliali J.L., Ginardi R.V.H.	Optimum partition in flight route anomaly detection	Indonesian Journal of Electrical Engineering and Computer Science	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q3	Prof.Ir. Joko Lianto Buliali, M.Sc.,Ph.D.
126	Fariza A., Arifin A.Z., Astuti E.R., Kurita T.	Segmenting tooth components in dental X-ray images using Gaussian kernel- based conditional spatial Fuzzy C-Means clustering algorithm	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Dr. Agus Zainal Arifin, S.Kom, M.Kom.
127	Subandri M.A., Sarno R.	E-Nose Sensor Array Optimization Based on Volatile Compound Concentration Data	Journal of Physics: Conference Series	N	Informatika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
128	Indraswari R., Kurita T., Arifin A.Z., Suciati N., Astuti E.R., Navastara D.A.	3D region merging for segmentation of teeth on cone-beam computed tomography images	Proceedings - 2018 Joint 10th International Conference on Soft Computing and Intelligent Systems and 19th International Symposium on Advanced Intelligent Systems,	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Agus Zainal Arifin, S.Kom, M.Kom.
129	Khotimah W.N., Suciati N., Benedict I.	Indonesian Sign Language Recognition by Using the Static and Dynamic Features	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Wijayanti Nurul Khotimah, S.Kom., M.Sc.
130	Saikhu A., Arifin A.Z., Faticah C.	Non-Linear Spatio-Temporal Input Selection for Rainfall Forecasting Using Recurrent Neural Networks	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ahmad Saikhu, S.Si, MT.
131	Yuniarti A., Hariadi R.R., Syihab Y.U.I.	Implementation of Reconstruction Filter to Create Motion Blur Effect in Urho3D Game Engine	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Anny Yuniarti, S.Kom, M.Comp.Sc.
132	Al-Hooti M.H.A., Djanali S., Ahmad T.	An Improved Secret Message Capacity Using Modulus Function Based Color Image Data Hiding	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Ir. Supeno Djanali, MSc, Ph.D.
133	Prasetyo E., Dimas Adityo R., Suciati N., Faticah C.	Mango Leaf Classification with Boundary Moments of Centroid Contour Distances as Shape Features	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.Eng. Nanik Suciati, S.Kom, M.Kom.
134	Al-Hooti M.H.A., Ahmad T., Djanali S.	Audio Data Hiding Using Octal Modulus Function Based Unsigned Integer Sample Values	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Tohari Ahmad, S.Kom, MIT, Ph.D.

135	Kusuma S.F., Alhamri R.Z., Siahaan D.O., Faticah C., Naufal M.F.	Indonesian Question Generation Based on Bloom's Taxonomy Using Text Analysis	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Daniel O. Siahaan, S.Kom. M,Sc, P.D.Eng.
136	Manirih P., Ahmad T.	High quality PVM based reversible data hiding method for digital images	International Journal of Innovative Computing, Information and Control	N	Informatika	ICIC International	N	Article	Scopus	Q3	Tohari Ahmad, S.Kom, MIT, Ph.D.
137	Sarno R., Wijaya D.R., Mahardika M.N.	Music fingerprinting based on bhattacharya distance for song and cover song recognition	International Journal of Electrical and Computer Engineering	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q2	Prof. Drs.Ec.Ir. Riyanarto Sarno,M.Sc,Ph.D.
138	Sarno R., Wijaya D.R.	Recent development in electronic nose data processing for beef quality assessment	Telkonnika (Telecommunication Computing Electronics and Control)	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q3	Prof. Drs.Ec.Ir. Riyanarto Sarno,M.Sc,Ph.D.
139	Sungkono K.R., Rochmah U.E.N., Sarno R.	Heuristic linear temporal logic pattern algorithm in business process model	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Kelly Rossa Sungkono, S.Kom.,M.Kom.
140	Aziz M.N., Ahmad T.	Cluster analysis-based approach features selection on machine learning for detecting intrusion	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Tohari Ahmad, S.Kom, MIT, Ph.D.
141	Faticah C., Lazuardi W.F., Navastara D.A., Suciati N., Munif A.	Image spam detection on instagram using convolutional neural network	Lecture Notes in Networks and Systems	N	Informatika	Springer	N	Book Chapter	Scopus		Dr. Eng. Chastine Faticah, S.Kom, M.Kom.
142	Suciati N., Faticah C., Khotimah W.N., Anggoro R., Ciptaningtyas H.T.	Face recognition using texture features and multilayer perceptron	Lecture Notes in Networks and Systems	N	Informatika	Springer	N	Book Chapter	Scopus		Dr.Eng. Nanik Suciati, S.Kom, M.Kom.
143	Indraswari R., Arifin A.Z., Suciati N., Astuti E.R., Kurita T.	Automatic segmentation of mandibular cortical bone on cone-beam CT images based on histogram thresholding and polynomial fitting	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Dr. Agus Zainal Arifin, S.Kom, M.Kom.
144	Setiawan B., Djanali S., Ahmad T.	Increasing accuracy and completeness of intrusion detection model using fusion of normalization, feature selection method and support vector machine	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Prof. Ir. Supeno Djanali, MSc, Ph.D.
145	Herumurti D., Yuniarti A., Rimawan P., Yunanto A.A.	Overcoming glossophobia based on virtual reality and heart rate sensors	Proceedings - 2019 IEEE International Conference on Industry 4.0, Artificial Intelligence, and Communications Technology, IAICT 2019	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Darlis Herumurti, S.Kom., M.Kom.
146	Maryamah, M., Arifin, A.Z., Sarno, R., Morimoto, Y.	Query expansion based on Wikipedia word embedding and BabelNet method for searching Arabic documents	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Dr. Agus Zainal Arifin, S.Kom, M.Kom.
147	Islamy C.C., Ahmad T.	Histogram-based multilayer reversible data hiding method for securing secret data	Bulletin of Electrical Engineering and Informatics	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q2	Tohari Ahmad, S.Kom, MIT, Ph.D.
148	Sarno R., Sungkono K.R.	Recovering Truncated Streaming Event Log Using Coupled Hidden Markov Model	International Journal of Pattern Recognition and Artificial Intelligence	N	Informatika	World Scientific Publishing Co. Pte Ltd	N	Article	Scopus	Q3	Prof. Drs.Ec.Ir. Riyanarto Sarno,M.Sc,Ph.D.
149	Soelaiman R., Faticah C., Yulindari A.	Hybrid Saliency-SVM Method Implementation for Automatic Data Training Selection in Image Segmentation	IOP Conference Series: Materials Science and Engineering	N	Informatika	Institute of Physics Publishing	N	Conference Paper	Scopus		Rully Soelaiman, S.Kom.,M.Kom.

150	Islamy C.C., Ahmad T.	Improving the quality of stego image using prediction error and histogram modification	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Tohari Ahmad, S.Kom, MIT, Ph.D.
151	Firmanto A., Sarno R.	Aspect-based sentiment analysis using grammatical rules, word similarity and SentiCircle	International Journal of Intelligent Engineering and Systems	N	Informatika	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
152	Rintyarna B.S., Sarno R., Faticah C.	Evaluating the performance of sentence level features and domain sensitive features of product reviews on supervised sentiment analysis tasks	Journal of Big Data	N	Informatika	SpringerOpen	N	Article	Scopus	Q1	Prof. Drs.Ec.Ir. Rianarto Sarno,M.Sc,Ph.D.
153	Sabilla I.A., Wahyuni C.S., Faticah C., Herumurti D.	Determining banana types and ripeness from image using machine learning methods	Proceeding - 2019 International Conference of Artificial Intelligence and Information Technology, ICAIT 2019	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.Eng. Chastine Faticah, S.Kom.,M.Kom.
154	Budiawati, G.I., Sarno, R.	Time and cost optimization of business process RMA using PERT and goal programming	Telkomnika (Telecommunication Computing Electronics and Control), 17(2), pp. 781-787	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q3	Prof. Drs.Ec. Ir. Rianarto Sarno, M.Sc., Ph.D.
155	Priyantina, R.A., Sarno, R.	Sentiment analysis of hotel reviews using Latent Dirichlet Allocation, semantic similarity and LSTM	International Journal of Intelligent Engineering and Systems, 12(4), pp. 142-155	N	Informatika	The Intelligent Networks and Systems Society	N	Article	Scopus	Q2	Prof. Drs.Ec. Ir. Rianarto Sarno, M.Sc., Ph.D.
156	Khotimah, D.A.K., Sarno, R.	Sentiment analysis of hotel aspect using probabilistic latent semantic analysis, word embedding and LSTM	International Journal of Intelligent Engineering and Systems, 12(4), pp. 275-290	N	Informatika	The Intelligent Networks and Systems Society	N	Article	Scopus	Q2	Prof. Drs.Ec. Ir. Rianarto Sarno, M.Sc., Ph.D.
157	Sophia, G., Sarno, R.	AHP-TOPSIS for analyzing job performance with factor evaluation system and process mining	Telkomnika (Telecommunication Computing Electronics and Control), 17(3), pp. 1344-1351	N	Informatika	Institute of Advanced Engineering and Science (IAES)	N	Article	Scopus	Q3	Prof. Drs.Ec. Ir. Rianarto Sarno, M.Sc., Ph.D.
158	Yuhana U.L., Koczy L.T., Sardjono T.A., Purnama I.K.E., Yuniarno E.M., Purnomo M.H.	Classifying the Complexity of Competency in Elementary School based on Supervised Learners	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Informatika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Umi Laili Yuhana, S.Kom, M.Sc.
159	Purwitasari D., Ilmi A.B., Faticah C., Fauzi W.A., Sumpeno S., Purnomo M.H.	Conflict of Interest based Features for Expert Classification in Bibliographic Network	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Diana Purwitasari, S.Kom,M.Sc
160	Wijayanti I.D., Mølmen L., Denys R.V., Nei J., Gorsche S., Guzik M.N., Young K., Yartys V.	Studies of Zr-based C15 type metal hydride battery anode alloys prepared by rapid solidification	Journal of Alloys and Compounds	N	Teknik Mesin	Elsevier Ltd	N	Article	Scopus	Q1	Ika Dewi Wijayanti, ST., M.Sc.
161	Fendy Kusuma H S M., Sutikno	Testing of mechanical characteristics of coconut fiber reinforced for composite brake pads for two-wheeled vehicles	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.Eng. Sutikno, ST., MT.
162	Norcahyo R., Soepangkat B.O.P., Effendi M.K.	Minimization of the hole entry and hole exit delamination on drilling process of carbon fiber reinforced polymer using BPNN-PSO	AIP Conference Proceedings	N	Teknik Mesin	American Institute of Physics Inc.	N	Conference Paper	Scopus		M. Khoiril Effendi, ST.MSc.Eng
163	Sutrisno B.N., Agustin H.C.K.	Effects of bifilm on the response of artificial aging of aluminium alloy ADC12	AIP Conference Proceedings	N	Teknik Mesin	American Institute of Physics Inc.	N	Conference Paper	Scopus		H.C. KIS AGUSTIN, Ir. DEA. Dr
164	Nurullah F.P., Pramujati B., Suhardjono, Effendi M.K., Soepangkat B.O.P., Norcahyo R.	Multi response prediction of end-milling CFRP with backpropagation neural network	AIP Conference Proceedings	N	Teknik Mesin	American Institute of Physics Inc.	N	Conference Paper	Scopus		M. Khoiril Effendi, ST.MSc.Eng

165	Robbany F., Pramujati B., Suhardjono, Effendi M.K., Soepangkat B.O.P., Norcahyo R.	Multi response prediction of cutting force and delamination in carbon fiber reinforced polymer using backpropagation neural network-genetic algorithm	AIP Conference Proceedings	N	Teknik Mesin	American Institute of Physics Inc.	N	Conference Paper	Scopus		M. Khoiril Effendi, ST.MSc.Eng
166	Laot P.A.L., Suhardjono, Sutikno, Sampurno	Multi-response optimization of cutting force and surface roughness in carbon fiber reinforced polymer end milling using back propagation neural network and genetic algorithm	AIP Conference Proceedings	N	Teknik Mesin	American Institute of Physics Inc.	N	Conference Paper	Scopus		SUHARDJONO, Ing. MSc. Dr-Ing. Prof
167	Putra A.B.K., Ningrum D.A.S.	Evaluation of energy saving opportunity of mall building ground floor in surabaya by analyzing the lighting system and cooling system	AIP Conference Proceedings	N	Teknik Mesin	American Institute of Physics Inc.	N	Conference Paper	Scopus		ARY BACHTIAR K.P., ST. MT. PhD
168	Soepangkat B.O.P., Norcahyo R., Pramujati B., Wahid M.A.	Multi-objective optimization in face milling process with cryogenic cooling using grey fuzzy analysis and BPNN-GA methods	Engineering Computations (Swansea, Wales)	N	Teknik Mesin	Emerald Group Publishing Ltd.	N	Article	Scopus	Q2	BAMBANG PRAMUJATI, Ir. MSc. Eng. PhD
169	Sudarmanta B., Setiyawan A., Putra A.B.K., Yuvenda D., da Silva J.	Optimization of pilot diesel injection timing on load variation dual fuel diesel-CNG engine on combustions and emissions characteristics	International Review of Mechanical Engineering	N	Teknik Mesin	Praise Worthy Prize	N	Article	Scopus	Q3	BAMBANG SUDARMANTA, ST. MT. Dr
170	Wijayanti I.D., Mølmen L., Denys R.V., Nei J., Gorsche S., Young K., Guzik M.N., Yartys V.	The electrochemical performance of melt-spun C14-Laves type Ti-Zr-based alloy	International Journal of Hydrogen Energy	N	Teknik Mesin	Elsevier Ltd	N	Article	Scopus	Q1	Ika Dewi Wijayanti, ST., M.Sc.
171	Soepangkat B.O.P., Norcahyo R., Rupajati P., Effendi M.K., Agustin H.C.K.	Multi-objective optimization in wire-EDM process using grey relational analysis method (GRA) and backpropagation neural network-genetic algorithm (BPNN-GA) methods	Multidiscipline Modeling in Materials and Structures	N	Teknik Mesin	Emerald Group Publishing Ltd.	N	Article	Scopus	Q3	M. Khoiril Effendi, ST.MSc.Eng
172	Setiawan P.A., Yuwono T., Widodo W.A., Julianto E., Santoso M.	Numerical study of a circular cylinder effect on the vertical axis savonius water turbine performance at the side of the advancing blade with horizontal distance variations	International Journal of Renewable Energy Research	N	Teknik Mesin	International Journal of Renewable Energy Research	N	Article	Scopus	Q2	Prof. Dr. Ir. Tri Yogi Yuwono, DEA.
173	Suwarno S., Maehlen J.P., Denys R.V., Yartys V.A.	Effect of oxygen on the mechanism of phase-structural transformations in O-Containing titanium hydride	International Journal of Hydrogen Energy	N	Teknik Mesin	Elsevier Ltd	N	Article	Scopus	Q1	SUWARNO. ST. MSc. PhD.
174	Setiawan P.A., Yuwono T., Widodo W.A.	Numerical Study of the Stagger Angle Effect of a Circular Cylinder Installed in front of Returning Blade Toward the Vertical Axis Savonius Water Turbine Performance	Journal of Physics: Conference Series	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Tri Yogi Yuwono, DEA.
175	Londen Batan I.M., Sukma Lutiawan T.N.A., Salim L.A.	Tricycle Applications for Physical Therapy Sufferers	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ing. Ir. I Made Londen Batan, ME
176	Guntur H.L., Daman A.A.A., Hendrowati W.	The Vibration Reduction in Multilevel Structure Model with the addition of Tuned Liquid Column Damper (TLCD):Study of the Influence of variations in TLCD's mass ratio & orifice cross-	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		HARUS LAKSANA GUNTUR, ST, MEng. Dr-Eng.
177	Batan I.M.L., Baskara I.G.A.N.W.	Design of ironing dies with CAD/CAM topsolid7 assistance for making 20 millimeter caliber bullet case	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ing. Ir. I Made Londen Batan, ME
178	Al-Amin M.A., Harnany D., Batan I.M.L.	Experimental study of influence injection moulding on shrinkage material sisal-glass fiber biocomposite using response surface methodology (RSM)	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		DINNY HARNANY, ST. MSc.
179	Hendrowati W., Guntur H.L., Daman A.A.A.	Energy harvesting and vibration reduction analysis on cantilever piezoelectric double vibration absorber (CPDVA) mechanism	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		WIWIEK HENDROWATI, ST. MT. Dr.

180	Yuvenda D., Sudarmanta B., Wahjudi A., Silva J.D.	Characterization of Engine Performance, Combustion Process and Emission of Diesel/CNG Dual Fuel Engines with Pilot Injection Timing Variation at Low Load	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		BAMBANG SUDARMANTA, ST. MT. Dr
181	Sudarmanta B., Setiyawan A., Ary Bachtiar K.P., Yuvenda D., Silva J.D.	Effects of Advancing the Pilot Injection Timing on the Engine Performance, Combustion and Emissions on Diesel dual fuel Engine at High Load	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		BAMBANG SUDARMANTA, ST. MT. Dr
182	Sudarmanta B., Hidayatulloh D., Ependi D.R., Saleh A.R., Setiyawan A., Bachtiar A.	Numerical study of the effect of oxidation zone inlet air temperature variation on municipal solid waste pellet gasification process on downdraft type reactor characteristics	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		BAMBANG SUDARMANTA, ST. MT. Dr
183	Sumadhijono P.A., Sudarmanta B., Wahjudi A.	Effect of jet velocity on LPG to flame stability and flame temperature distribution on Inverse Difusion Flame (IDF)	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		BAMBANG SUDARMANTA, ST. MT. Dr
184	Saleh A.R., Sudarmanta B., Ependi D.R.	Numerical Analysis of Heterogeneous Oxidation Reaction on Multi-stage Air Inlet Downdraft Gasifier	IOP Conference Series: Materials Science and Engineering	N	Teknik Mesin	Institute of Physics Publishing	N	Conference Paper	Scopus		BAMBANG SUDARMANTA, ST. MT. Dr
185	Sudarmanta B., Sampurno, Dwiyantoro B.A., Gemilang S.E., Putra A.B.K.	Performance characterization of waste to electric prototype uses a dual fuel diesel engine and a multi-stage downdraft gasification reactor	Materials Science Forum	N	Teknik Mesin	Trans Tech Publications Ltd	N	Conference Paper	Scopus		BAMBANG SUDARMANTA, ST. MT. Dr
186	Rahmatika A.M., Goi Y., Kitamura T., Widiyastuti W., Ogi T.	TEMPO-oxidized cellulose nanofiber (TOCN) decorated macroporous silica particles: Synthesis, characterization, and their application in protein adsorption	Materials Science and Engineering C	N	Teknik Kimia	Elsevier Ltd	N	Article	Scopus	Q1	Dr. Widiyastuti, ST, MT
187	Wahyudiono, Ozawa H., Machmudah S., Kanda H., Goto M.	Electrospraying technique under pressurized carbon dioxide for hollow particle production	Reactive and Functional Polymers	N	Teknik Kimia	Elsevier B.V.	N	Article	Scopus	Q1	Dr. Siti Machmudah, ST, M.Eng
188	Mandala Y.H., Woo E.M., Ni'mah H., Nurkhamidah S.	Surface-relief and interior lamellar assembly in Janus-face spherulites of Poly(butylene succinate) crystallized with Poly(ethylene oxide)	Polymer	N	Teknik Kimia	Elsevier Ltd	N	Article	Scopus	Q1	Hikmatun Ni'mah, ST., MS., Ph.D
189	Kusuma H.S., Putri D.K.Y., Triesty I., Mahfud M.	Comparison of microwave hydrodistillation and solvent-free microwave extraction for extraction of agarwood oil	Chiang Mai Journal of Science	N	Teknik Kimia	Chiang Mai University	N	Article	Scopus	Q4	Prof. Dr. Ir. Mahfud, DEA
190	Ihsanti D.H., Jimmy, Kurniawansyah F., Suprpto, Roesyadi A.	Performance of Bimetallic Fe and Co Catalyst Supported on HZSM-5 for Fischer-Tropsch Synthesis	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Achmad Roesyadi, DEA
191	Anggerta L.A., Kurniawansyah F., Wibawa G.	Catalytic synthesis of diethyl carbonate via one-pot reaction from carbon dioxide, ethanol, and epoxide	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Gede Wibawa, M.Eng
192	Jimmy, Ihsanti D.H., Roesyadi A., Suprpto, Kurniawansyah F.	Synthesis and Characterization of Fe-Co/meso-HZSM-5: Effect of Impregnated Ratio of Iron and Cobalt	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Achmad Roesyadi, DEA
193	Iswanto T., Shovitri M., Altway A., Widjaja T., Kusumawati D.I., Lisdiyanti P.	Isolation and identification of caffeine-degrading bacteria from soil, coffee pulp waste and excreted coffee bean in Luwak feces	Biodiversitas	N	Teknik Kimia	Society for Indonesian Biodiversity	N	Article	Scopus	Q2	Prof. Dr. Ir. Tri Widjaja.M.Eng
194	Iswanto T., Hendrianie N., Shovitri M., Altway A., Widjaja T.	The effect of mixed biological pretreatment and peg 4000 on reducing sugar production from coffee pulp waste	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Prof. Dr. Ir. Tri Widjaja.M.Eng

195	Madhania S., Nurtono T., Winardi S., Muharam Y., Purwanto W.W.	Computational study of the time-dependent flow field of a water-molasses mixture inside a stirred vessel	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Dr. Suci Madhania, ST, MT.
196	Hamzah A., Ainiyah S., Ramadhani D., Parwita G.E.K., Rahmawati Y., Soeprijanto, Ogino H., Widjaja A.	Cellulase and xylanase immobilized on chitosan magnetic particles for application in coconut husk hydrolysis	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Prof. Dr. Ir. Arief Widjaja, M.Eng.
197	Sutikno J.P., Azizah Z., Handogo R., Hikmadiyar R.A., Hisyam A.	Inverted decoupling 2DoF internal model control for MIMO processes	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Dr. Juwari, ST, .Eng
198	Qomariyah L., Widiyastuti W., Winardi S., Kusdianto K., Ogi T.	Volume fraction dependent morphological transition of silica particles derived from sodium silicate	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Prof. Dr. Ir. Sugeng Winardi, M.Eng
199	Machmudah S., Ceaser M.R., Alwajdy M.F., Widiyastuti, Winardi S., Wahyudiono, Kanda H., Goto M.	Hydrothermal and solvothermal synthesis of cerium-zirconium oxides for catalyst applications	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Dr. Siti Machmudah, ST, M.Eng
200	Aparamarta H.W., Gunawan S., Azhar B., Aditya H.T., Widjaja A., Ju Y.H.	Comparative study of batchwise solvent extraction and the microwave assisted extraction method for the purification of triglyceride for biodiesel feedstock from crude Calophyllum	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Hakun Wira A. ST, MMT, Ph.D.
201	Fathonah N.N., Nurtono T., Kusdianto, Madhania S., Wahyudiono, Winardi S.	Numerical study of the hydrodynamic characteristics in an agitated tank with side-entry mixer: The effect of stirrer entry angle	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Prof. Dr. Ir. Sugeng Winardi, M.Eng
202	Kusdianto K., Widiyastuti W., Shimada M., Nurtono T., Machmudah S., Winardi S.	Photocatalytic activity of ZnO-Ag nanocomposites prepared by a one-step process using flame pyrolysis	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Dr. Kusdianto, ST, MSc.Eng
203	Hawashi M., Aparamarta H., Widjaja T., Gunawan S.	Optimization of solid state fermentation conditions for cyanide content reduction in cassava leaves using response surface methodology	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Setiyo Gunawan, ST, Ph.D.
204	Ni'mah H., Rochmadi R., Woo E.M., Widiasih D.A., Mayangsari S.	Preparation And Characterization Of Poly(L-Lactic Acid) Films Plasticized With Glycerol And Maleic Anhydride	International Journal of Technology	N	Teknik Kimia	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Hikmatun Ni'mah, ST., MS., Ph.D
205	Kalsum U., Roesyadi A., Mahfud M.	The Use of Co-solvent for Insitu Transesterification of Microalgae with Base Catalyst under Microwave Irradiation	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Mahfud, DEA
206	Mirzayanti Y.W., Roesyadi A., Prajitno D.H.	Triglyceride of Kapok seed Oil to biofuel over a synthesised Cu-Mo supported HZSM-5 catalyst	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Achmad Roesyadi, DEA
207	Qomariyah L., Widiyastuti W., Winardi S.	Effect of colloidal properties on the particle characteristics in the flame-assisted spray-drying process	Chemical Papers	N	Teknik Kimia	Springer International Publishing	N	Article	Scopus	Q2	Hikmatun Ni'mah, ST., MS., Ph.D
208	Masum Z., Mahfud M., Altway A.	Parameter for scale-up of extraction Cymbopogon nardus dry leaf using microwave assisted hydro-distillation	Journal of Applied Engineering Science	N	Teknik Kimia	Institut za Istrazivanja	N	Article	Scopus	Q3	Prof. Dr. Ir. Mahfud, DEA
209	Sato A., Soeprijanto, Widjaja A.	Influence of alkaline hydrothermal pretreatment of rice straw on biomass composition	International Energy Journal	N	Teknik Kimia	Regional Energy Resources Information Center (RERIC), Asian Institute of Technology	N	Article	Scopus	Q3	Prof. Dr. Ir. Arief Widjaja, M.Eng.

210	Iswanto T., Altway A., Shovitri M., Haikal M., Ayustiningrum S., Widjaja T.	Kinetics of CO2 absorption into aqueous MDEA solution promoted by mixture of potassium salt of l-arginine and l-glutamic acid	International Journal on Advanced Science, Engineering and Information Technology	N	Teknik Kimia	Insight Society	N	Article	Scopus	Q2	Prof. Dr. Ir. Tri Widjaja.M.Eng
211	Yuniar R.A., Widiyastuti W., Setyawan H., Purwaningsih H., Machmudah S., Anggoro D.	Formation of Carbon Fibres from Polymer Poly(vinyl alcohol)/Acetylene Black using Electrospinning Method	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Widiyastuti, ST, MT
212	Juliastuti S.R., Darmawan R., Hendriane N., Prakoso G.A., Bachtiar T.A.	Influence of Shewanella oneidensis MR-1 Bacterial Metabolism Process on Waste Treatment of Cr and Mn Metals in Reactor Microbial Fuel Cell (MFC)	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Sri R. Juliastuti, M.Eng
213	Irawan B., Ardina V., Prajitno D.H., Roesyadi A.	Cooking ability of Manihot esculenta crantz as new pulp raw material with Eucalyptus and Acacia mangium wood comparison using kraft pulping method	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Achmad Roesyadi, DEA
214	Hendriane N., Juliastuti S.R., Darmawan R., Widjonarko, Aini F.I.N., Hakim M.L.	Utilization of plastic waste with mix plastic softening aggregate method as performance of stability and quality asphalt concrete	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Ir. Nuniek Hendriane, MT
215	Darmawan R., Hidayat F., Juliastuti S.R., Hendriane N., Gunawan S., Aparamarta H.W.	Liquid Organic Fertilizer from Waste of Coconut Porridge Manufacturer and Molasses using Various Microorganisms	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. R. Darmawan, ST, MT
216	Zullaikah S., Pujiastuti Y.A., Prihandini G., Rachimoellah M.	Wet Extraction of γ -Oryzanol from Rice Bran	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
217	Sumarno, Bramantyo A., Febriyati P., Gunardi I., Trisanti P.N.	Ultrasound Pre-treatment for Intensification of Hydrothermal Process in Reducing Sugar Production from Cassava Starch	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Sumarno, M.Eng
218	Rahmawati Y., Nurkhamidah S., Susianto S., Listiyana N.I., Rahmatullah M.A., Hardian I.M.	Effect of Activated Alkanolamine for CO2 Absorption using Hollow Fiber Membrane Contactor	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Yeni Rahmawati, ST, MT
219	Moentamaria D., Muharja M., Widjaja T., Widjaja A.	Thermal stability and reusability of home-made co-immobilized lipase from <i>Mucor miehei</i> in polyurethane foam for the production of bio-flavor	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Arief Widjaja, M.Eng.
220	Gondosurohardjo S., Altway A., Taufany F., Nurkhamidah S.	Comparison of Performance Characteristic Prediction of Sieve Tray with and without Down comer	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Ali Altway, MS
221	Qadariah L., Ansori A., Wibowo S.A., Muchammad R.S.C., Bhuana D.S., Mahfud M.	Biodiesel production from <i>Calophyllum inophyllum</i> L oil using Microwave with Calcium Carbonate catalyst	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Lailatul Qadariah, ST, MT
222	Prajaka J.A., Himawan J., Affandy S.A., Sutikno J.P., Handogo R.	Hydrate formation calculation in the natural gas purification unit	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Renanto Handogo, MS
223	Widjaja T., Hendriane N., Ningrum E.O., Erliana W.H., Iswanto T.	Production of Reducing Sugar from Coffee Pulp Waste Using Mixture of Microorganisms, Enzymes, and Surfactants	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Tri Widjaja.M.Eng
224	Qadariah L., Azizah N., Syafa'Atullah A.Q., Bhuana D.S., Mahfud M.	The Extraction of Natural Dyes from Henna Leaves (<i>Lawsonia Inermis</i> L.) by Ultrasound-assisted Method	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Lailatul Qadariah, ST, MT

225	Marbun M.J., Kurniawansyah F., Prajitno D.H., Roesyadi A.	Production of Diethyl Ether over Cr-Co/ γ -Al ₂ O ₃ Catalyst	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Achmad Roesyadi, DEA
226	Zullaikah S., Naulina R.Y., Meinawati P., Fauziah K., Rachimoellah M., Rachmaniah O., Nurkhamidah S., Suari N.M.I.P., Prasetyo E.N.	Enhanced Extraction of Phenolic Compounds from Moringa Oleifera Leaves Using Subcritical Water Ethanol Mixture	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
227	Nurkhamidah S., Altway A., Susianto, Rahmawati Y., Taufany F., Hendrianie N., Ni'Mah H., Gunardi I., Zullaikah S., Ningrum E.O., Nyamiati R.D., Ramadhani	Utilization of Molasses to Produce Lactic Acid by Using Lactobacillus Delbrueckii and Lactobacillus Plantarum	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Nurkhamidah, ST, MS, Ph.D.
228	Kuswandi K., Wibawa G., Hidayatulloh I., Mahardhikawati C., Pratiwi A.D.	Ternary liquid-liquid equilibria for β -caryophyllene(1) + 1-propanol(2) + water(3) system at temperatures 303.15, 313.15, and 323.15 K	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Kuswandi, DEA
229	Rifliansah A.J., Utomo R.H.M., Sutikno J.P., Handogo R.	Heavy Fraction Separation from Used Lube Oil Using Thin Film Evaporator	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Renanto Handogo, MS
230	Qadaryah L., Mujaddid F., Bhuana D.S., Mahfud M.	Biodiesel Production from Microalgae with Transesterification Method Using Microwave	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Lailatul Qadaryah, ST, MT
231	Anugraha R.P., Tetrisyanda R., Altway A., Wibawa G.	The Effects of Diethyl Carbonate in Light Naphtha Blending to Utilize New Energy Resource	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Gede Wibawa, M.Eng
232	Yasmin M., Alfaty F.D., Pradipta H.S., Rachimoellah M., Zullaikah S.	An improvement study of biodiesel production from rice bran via non-catalytic in-situ transesterification using a subcritical water-methanol mixture	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
233	Nurkhamidah S., Rahmawati Y., Taufany F., Fahrizal Y.E., Ramadhan I.H.	Mixing Solvent's Effect to the Characterization and Performance Cellulose Acetate/Polyethylene Glycol Membrane	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Nurkhamidah, ST, MS, Ph.D.
234	Kusuma H.S., Altway A., Mahfud M.	An optimization of microwave hydrodistillation extraction of vetiver oil using a face-centered central composite design	Journal of Chemical Technology and Metallurgy	N	Teknik Kimia	University of Chemical Technology and Metallurgy	N	Article	Scopus	Q3	Prof. Dr. Ir. Mahfud, DEA
235	Putri D.K.Y., Dewi I.E.P., Kusuma H.S., Mahfud M.	Extraction of an essential oil from fresh cananga flowers (Cananga odorata) using solvent-free microwave method	Journal of Chemical Technology and Metallurgy	N	Teknik Kimia	University of Chemical Technology and Metallurgy	N	Article	Scopus	Q3	Prof. Dr. Ir. Mahfud, DEA
236	Ma'sum Z., Kusuma H.S., Altway A., Mahfud M.	On the effect of the ratio of the distiler volume and that of the microwave cavity on the extraction of Cymbopogon nardus dried leaves by microwave hydrodistillation	Journal of Chemical Technology and Metallurgy	N	Teknik Kimia	University of Chemical Technology and Metallurgy	N	Article	Scopus	Q3	Prof. Dr. Ir. Mahfud, DEA
237	Kusuma H.S., Altway A., Mahfud M.	The application of face-centered central composite design for the optimization of patchouli oil extraction from pogostemon cablin benth dried leaves using microwave	Journal of Chemical Technology and Metallurgy	N	Teknik Kimia	University of Chemical Technology and Metallurgy	N	Article	Scopus	Q3	Prof. Dr. Ir. Mahfud, DEA
238	Asiya D., Febriani S., Adian F., Tetrisyanda R., Wiguno A., Gunawan S., Kurniawansyah F., Wibawa G.	Utilization of Emission Carbon Dioxide Gas into High Economic Value Chemicals: Diethyl Carbonate	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Rizky Tetrisyanda, ST, MT
239	Elma M., Setyawan H., Rahma A., Pratiwi A.E., Rampun E.L.A.	Fabrication of Interlayer-free P123 Caronised Template Silica Membranes for Water Desalination: Conventional Versus Rapid Thermal Processing (CTP vs RTP) Techniques	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Heru Setyawan, M.Eng

240	Hikmadiyar R.A., Sutikno J.P., Handogo R., Azizah Z., Hisyam A.	Process Dynamic and Control for Nonconventional Column/Rectifier Configuration with Aspen Hysys v10.0	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Juwari, ST, .Eng
241	Widjaja T., Altway A., Gunardi I., Pudjiastuti L., Nury D.F., Nabila A.F., Prasetyawati N., Saifulloh M., Noviyanto	Iodization of Local Salt Based on Purification Technique using Saturated Brine Washing Method	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Tri Widjaja.M.Eng
242	Al-Muttaqii M., Kurniawansyah F., Prajitno D.H., Roesyadi A.	Hydrocarbon Biofuel Production by Hydrocracking Process with Nickel-Iron Supported on HZSM-5 Catalyst	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Achmad Roesyadi, DEA
243	Rachmaniah O., Kusumahati S., Ningrum E.O., Kurniawansyah F., Zulaikah S., Ni'Mah H., Soeprapto S., Soeprijanto S.	Minerals Improvement of Soy Milk by Addition of Drumstick Tree (Moringa oleifera) Extract	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Orchidea Rachmaniah, ST, MT
244	Kurniawansyah F., Mammucari R., Foster N.R.	Processing of Pharmaceuticals for Pulmonary Delivery by Supercritical Technology	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Firman kurniawansyah, ST, MSc.Eng, ph.d.
245	Zullaikah S., Wibowo N.D., Wahyudi I.M.G.E.D., Rachimoellah M.	Deacidification of crude rice bran oil (Crbo) to remove ffa and preserve γ -oryzanol using deep eutectic solvents (des)	Materials Science Forum	N	Teknik Kimia	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
246	Zullaikah S., Utami S., Herminanto R.P., Rachimoellah M.	Enhanced biodiesel and ethyl levulinate production from rice bran through non catalytic in situ transesterification under subcritical water ethanol mixture	Materials Science Forum	N	Teknik Kimia	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
247	Zullaikah S., Maria Christy Jessinia P., Rinaldi, Yasmin M., Rachimoellah M., Wu D.	Lipids extraction from wet and unbroken microalgae chlorella vulgaris using subcritical water	Materials Science Forum	N	Teknik Kimia	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
248	Yasmin M., Zullaikah S., Permatasari A., Marita I., Rachimoellah M.	Effect of acid-catalysed in one step production of biodiesel on total sugars of defatted rice bran	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
249	Zullaikah S., Naulina R.Y., Puspitasari L.D., Nadliroh U., Niawanti H.	Co - Pyrolysis of Empty Palm Fruit Bunch (EPFB) and Low Quality Coal under CO2 Atmosphere	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Zullaikah, ST, MT, Ph.D.
250	Chafidz A., Rahma F.N., Nurkhamidah S., Al-Zahrani S.	Portable Solar-powered Membrane Distillation System to Solve Water and Energy Problems Simultaneously	Journal of Physics: Conference Series	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Siti Nurkhamidah, ST, MS, Ph.D.
251	Sangian H.F., Widjaja A.	Mathematical model of enzymatic reactions of coconut coir substrate treated by alkaline and ionic liquid into the reducing sugars using power series	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Arief Widjaja, M.Eng.
252	Hawashi M., Altway A., Widjaja T., Gunawan S.	Optimization of process conditions for tannin content reduction in cassava leaves during solid state fermentation using Saccharomyces cerevisiae	Heliyon	N	Teknik Kimia	Elsevier Ltd	N	Article	Scopus	Q1	Setiyo Gunawan, ST, Ph.D.
253	Hapsari S., Susanto D.F., Aparamarta H.W., Widjaja A., Gunawan S.	Separation and purification of wax from nyamplung (Calophyllum inophyllum) seed oil	Materials Science Forum	N	Teknik Kimia	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Setiyo Gunawan, ST, Ph.D.
254	Dewi A.S., Stevanus R.A., Sandra M.A., Nury D.F., Pudjiastuti L., Widjaja T.	The effect of mixed culture of zymomonas mobilis and pichia stipitis in ethanol production of sugar palm (Arenga pinnata)	Materials Science Forum	N	Teknik Kimia	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Prof. Dr. Ir. Tri Widjaja.M.Eng

255	Ningrum E.O., Sakohara S., Gotoh T., Suprpto, Humaidah N.	The effect of cation and anion species on the transition and adsorption behaviors of thermosensitive sulfobetaine gel-based adsorbent	International Journal of Technology	N	Teknik Kimia Industri	Faculty of Engineering, Universitas Indonesia	N	Article	Scopus	Q2	Dr. Eng. Eva Oktavia Ningrum, ST.MS
256	Soeprijanto S., Nury D.F., Pudjiastuti L.	Treatment of Oily Wastewaters from Tanjung Perak Port by Electrocoagulation Using Aluminum Electrodes	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Soeprijanto, M.Sc.
257	Ningrum E.O.	The Adsorption Behaviors of Thermosensitive poly(DMAAPS) Grafted onto EVA Porous Support	IOP Conference Series: Materials Science and Engineering	N	Teknik Kimia Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Eng. Eva Oktavia Ningrum, ST.MS
258	Ningrum E.O., Bagus A., Sakohara S., Suprpto, Humaidah N.	Reversible adsorption-desorption of zn (II) and pb (ii) in aqueous solution by thermosensitive-sulfobetaine gel	Materials Science Forum	N	Teknik Kimia Industri	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Dr. Eng. Eva Oktavia Ningrum, ST.MS
259	Miftachurohmah N., Mukhlash I., Sutikno	Web-based implementation of risk analysis of paddy production with ENSO indicators	International Journal of Machine Learning and Computing	N	Matematika	International Association of Computer Science and Information Technology	N	Article	Scopus	Q4	Dr Imam Mukhlash, S.Si., MT
260	Zicky L., Sunarsini, Gusti Ngurah Rai Usadha I.	Fixed Point Theorem on Fuzzy Metric Space	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Drs. I Gst Ngr Rai Usadha, M.Si.
261	Lukitosari, V.aEmail Author, Subriadi, A.P.b, Siyamah, I.a	Minimizing cost and backorder risk through customer priority on spares inventory	Journal of Physics: Conference Series	N	Matematika	Taylor & Francis	N	Conference Paper	Scopus		Valeriana Lukitosari, S.Si., M.T.
262	Widodo B., Norasia Y., Adzkiya D.	MHD fluid flow with the effect of mixed convection passing on a magnetic sphere in newtonian nano fluid	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Basuki Widodo, MSc.
263	Sari M., Putri S.R.M., Wahyuningsih N.	Modelling of Short Rate (β 2) Parameter Diebold-Li Model Using Vasicek Stochastic Differential Equations	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Endah Rokhmatai Merdika Putri, S.Si.M.Si., Ph.D
264	Isa Irawan M., Mukhlash I., Rizky A., Ririsati Dewi A.	Application of Needleman-Wunch Algorithm to identify mutation in DNA sequences of Corona virus	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Drs. Mohammad Isa Irawan, M.T.
265	Imron C., Charisma Juni K., Widodo B., Yuwono T.	Reduction of Cd in circular cylinder using three passive control at Re=500	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Drs. Chairul Imron, MI.Komp.
266	Savitri Febiyani O., Prita Wardhani L.	Modeling the Number of Flood Occurrence in Indonesia in 2015 Using Poisson Regression Model	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dra. Laksmi Prita Wardani, M.Si
267	Asfihani T., Khusnul Arif D., Subchan, Priyatno Putra F., Ardi Firmansyah M.	Comparison of LQG and Adaptive PID Controller for USV Heading Control	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Tahiyatul Asfihani, S.Si., M.Si.
268	Sunarsini, Yunus M., Dimaz Wisnu A., Sadjidon	Sequences and its properties on type-metric space	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Sunarsini, S.Si., M.Si.
269	Putri E.R.M., Imron C., Lista Tauryawati M.	A numerical method for valuation of european option with regime-switching volatility and interest rate	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Endah Rokhmatai Merdika Putri, S.Si.M.Si., Ph.D

270	Mustika Rukmi A., Soetrisno, Wahid A.	Role of clustering based on density to detect patterns of stock trading deviation	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Alvida Mustika Rukmi, S.Si, M.Si
271	Imron C., Hariyanto, Yunus M., Surjanto S.D., Dewi N.A.C.	Stability and persistence analysis on the epidemic model multiregion multi-patches	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Drs. Chairul Imron, MI.Komp.
272	Soleha, Evan Setiawan S., Margaretha A., Adzkiya D.	On Some closed operations in threshold graphs	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Soleha, S.Si., M.Si
273	Mardijah, Ilmayasinta N., Arif Irhami E.	Optimal control for extraction lipid model of microalgae Chlorella Vulgaris using PMP method	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dra. Mardijah, MT
274	Shahab M.L.	New heuristic algorithm for traveling salesman problem	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Muhammad Luthfi Shahab, S.Si., M.Si.
275	Goldestan G., Sutikno, Setiyono B., Mukhlash I.	Software development to predict the level of paddy production using Gaussian Copula Marginal Regression	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr Imam Mukhlash, S.Si., MT
276	Mardijah, Mahatir Najar A., Khusnul Arif D.	Comparison between PID controller and fuzzy sliding mode control (FSMC) on super heater system	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dra. Mardijah, MT
277	Afif Nasrul Anam M., Adzkiya D., Asfihani T.	Altitude Control Design of LSU-05 Aircraft Using Abstraction Method	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dieky Adzkiya, S.Si., M.Si.
278	Sulistyaningrum D.R., Setiyono B., Utomo D.B., Sanjoyo B.A.	The application of statistic image analysis for classification of breast cancer based on mammograms	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Drs. Bandung Arry Sanjoyo, Mi.Komp.
279	Priyatno Putra F., Nurul Fajar S., Aditya P., Apriliani E., Sadjidon, Khusnul Arif D.	Numerical simulation of tsunami propagation with Finite Difference Method and Runge Kutta 4th Order Method (study case : south coast of Java island)	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Dra. Erna Apriliani, M.Si.
280	Reza Habibi M., Winda Setyawati D., Baihaqi K.	The commutative ring for prime near-rings by involving derivation	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dian Winda Setyawati, S.Si., M.Si.
281	Isa Irawan M., Mukhlash I., Adzkiya D., Darmadi, Sanusi	Development of trigonometric visualization concepts to increase the study motivations of SMK students	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Isa Irawan M
282	Mardijah, Bagus Prandita S., Rinanto N.	Mathematical model's parameters identification in a prototype of solar panel's motor	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dra. Mardijah, MT
283	Zhai G., Nakamura S., Mardijah	Designing Consensus Algorithms for Three-Link Manipulators	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dra. Mardijah, MT
284	Subchan, Fitria I., Syafi' A.M.	An epidemic cholera model with control treatment and intervention	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Subchan, S.Si, M.Sc, PhD

285	Mardlijah, Hakam A., Arif D.K.	PID-MPC Control Design To Control Oil Temperature In Main Fermentor Machine PT.Cheil Jedang, Jombang-Indonesia	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Matematika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Dra. Mardlijah, MT
286	Amiroch S., Syaiful Pradana M., Isa Irawan M., Mukhlash I.	Maximum Likelihood Method on the Construction of Phylogenetic Tree for Identification the Spreading of SARS Epidemic	Proceeding - 2018 International Symposium on Advanced Intelligent Informatics: Revolutionize Intelligent Informatics Spectrum for Humanity, SAIN 2018	N	Matematika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Drs. Mohammad Isa Irawan, M.T.
287	Widodo B., Fauziyah M., Adzkiya D.	Implementation Euler implicit scheme of unsteady magnetohydrodynamic micropolar fluid pass a sphere affected by mixed convection	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Basuki Widodo, MSc.
288	Widodo B., Mardianto L., Adzkiya D.	Numerical investigation on magnetohydrodynamics mixed convection flow past a magnetic sphere	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Basuki Widodo, MSc.
289	Widodo B., Oktavia P.R., Asiyah N., Adzkiya D.	Magnetohydrodynamics with Forced Convection in Micropolar Fluid Flows Pass a Magnetic Porous Sphere	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Basuki Widodo, MSc.
290	Widodo B., Abu M., Imron C.	Unsteady nano fluid flow through magnetic porous sphere under the influence of mixed convection	Journal of Physics: Conference Series	N	Matematika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Basuki Widodo, MSc.
291	Mardlijah, Zhai G., Adzkiya D., Mardianto L., Ikhwan M.	Modified T2FSMC approach for solar panel systems	Systems Science and Control Engineering	N	Matematika	Taylor and Francis Ltd.	N	Article	Scopus	Q2	Dr. Dra. Mardlijah, MT
292	Zhai G., Nakamura S., Mardlijah	A Unified Approach to Consensus Control of Three-Link Manipulators	Journal of Intelligent and Robotic Systems: Theory and Applications	N	Matematika	Springer Netherlands	N	Article	Scopus	Q1	Dr. Dra. Mardlijah, MT
293	Mukhlash, I.aEmail Author, Iqbal, M.a,bEmail Author, Wulandari, M.N.aEmail Author, Arafah, A.A.cEmail Author	Mining fuzzy time intervals of fuzzy stock price comovements patterns	ICIC Express Letters, Part B: Applications	N	Matematika	IEEE	N	Article	Scopus	Q4	Dr Imam Mukhlash, S.Si., MT
294	Luh Ayu B.L, Erna Apriliani , Hendro Nurhadi	Preliminary study on estimation of 12.7 x 99 mm caliber projectile using Unscented Kalman Filter method	Procedia Computer Science 144 (2018) 184–193/ INNS Conference on Big Data and Deep Learning 2018	N	Matematika	Science Direct	N	Conference Paper	Scopus		Prof. Dr. Dra. Erna Apriliani, M.Si.
295	Diah Agustin, Erna Apriliani, Hendro Nurhadi	Preliminary study on estimation of 12.7 x 99 mm caliber projectile motion using Ensemble Kalman Filter method Preliminary study on estimation of 12.7 x 99 mm caliber projectile motion using	Procedia Computer Science 144 (2018) 163–173/ INNS Conference on Big Data and Deep Learning 2018	N	Matematika	Science Direct	N	Conference Paper	Scopus		Prof. Dr. Dra. Erna Apriliani, M.Si.
296	Riska Aprilia , Erna Apriliani , Hendro Nurhadi	Preliminary study on estimation of 12.7x99 mm caliber projectile motion using Extended Kalman Filter method	Procedia Computer Science 144 (2018) 153–162/ INNS Conference on Big Data and Deep Learning 2018	N	Matematika	Science Direct	N	Conference Paper	Scopus		Prof. Dr. Dra. Erna Apriliani, M.Si.
297	Imron C., Mardianto L., Widodo B., Yuwono T.	Mathematical model of the drag coefficient using three passive controls on a circular cylinder	Applied Sciences	N	Matematika	Universitatea Politehnica Bucuresti	N	Article	Scopus	Q1	Dr. Drs. Chairul Imron, MI.Komp.
298	Fauziyah N.A., Hilmi A.R., Zainuri M., Asrori M.Z., Mashuri M., Jawaid M., Pratapa S.	Thermal and dynamic mechanical properties of polyethylene glycol/quartz composites for phase change materials	Journal of Applied Polymer Science	N	Fisika	John Wiley and Sons Inc.	N	Article	Scopus	Q1	Prof. Suminar Pratapa, Ph.D.
299	Hilmi A.R., Fauziyah N.A., Pratapa S.	A temperature-dependent storage modulus model for filler-dispersed PEG/silica composites	Composites Part B: Engineering	N	Fisika	Elsevier Ltd	N	Article	Scopus	Q1	Prof. Suminar Pratapa, Ph.D.

300	Baqiya M.A., Putra P.E.D., Triono B., Irfanita R., Suasmoro S., Darminto D., Kawamata T., Noji T., Sato H., Kato M., Koike Y.	Ce-Doping and Reduction Annealing Effects on Magnetic Properties of Pr _{2-x} Ce _x CuO ₄ Nanoparticles	Journal of Superconductivity and Novel Magnetism	N	Fisika	Springer New York LLC	N	Article	Scopus	Q3	Malik Anjelh Baqiya, M.Si., Ph.D.
301	Mukarromah, Pamungkas D.I., Darminto	Structural characterization of amorphous carbon films from palmyra sap	AIP Conference Proceedings	N	Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Prof. Dr. Darminto, MS.
302	Maslahah U., Murti C.F.K., Triwikantoro	Influence of ZrO ₂ composition on ZrO ₂ /Al ₂ O ₃ ceramics composites properties as prospective materials to dental coating	AIP Conference Proceedings	N	Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Dr. rer.nat. Triwikantoro
303	Usman A.A., Mashuri	Magnetic properties of rGO/Fe ₃ O ₄ microparticles composites based on natural materials	AIP Conference Proceedings	N	Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Dr. Mashuri, M.Si.
304	Arifin R., Malyadi M., Munaji, Buntoro G.A., Darminto	Pressure dependence of the structure of liquid NITi: A molecular dynamics study	Journal of Physics Condensed Matter	N	Fisika	Institute of Physics Publishing	N	Article	Scopus	Q1	Prof. Dr. Darminto, MS.
305	Husain H., Hariyanto B., Sulthonul M., Klysubun W., Darminto D., Pratapa S.	Structure and magnetic properties of silica-coated magnetite-nanoparticle composites	Materials Research Express	N	Fisika	Institute of Physics Publishing	N	Article	Scopus	Q2	Prof. Suminar Pratapa, Ph.D.
306	Hikmah I., Rubiyanto A., Endarko	Two-dimensional electrical impedance tomography (EIT) for characterization of body tissue using a gauss-newton algorithm	Journal of Physics: Conference Series	N	Fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Endarko, Ph.D
307	Andiani L., Rubiyanto A., Endarko	Sensitivity analysis of thorax imaging using two-dimensional Electrical Impedance Tomography (EIT)	Journal of Physics: Conference Series	N	Fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Endarko, Ph.D
308	Rancangkapri N., Hariyanto A.P., Mariyam F.U., Almira L., Endarko, Haris B.	Dosimetry analysis of homemade bolus using propylene glycol for photon MegaVoltage and electron radiation therapy	Journal of Physics: Conference Series	N	Fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Endarko, Ph.D
309	Rahmawati R., Purwanto A.	Controlled quantum teleportation on the three control pattern via five-qubit cluster state	Journal of Physics: Conference Series	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Drs. Agus Purwanto, M.Si, M.Sc, D.Sc.
310	Nurbaiti U., Kholifatunnisa A., Pratapa S.	Synthesis of nano-crystalline forsterite based on amorphous silica powder from natural sand by mechanical activation method	Journal of Physics: Conference Series	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Suminar Pratapa, Ph.D.
311	Musyarafah, Putri A.D.C., Elsandika G., Pratapa S.	Synthesis of zircon powder by polyvinyl alcohol addition	IOP Conference Series: Materials Science and Engineering	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Suminar Pratapa, Ph.D.
312	Nuraini U., Triyuliana N.A., Mashuri M., Suasmoro S.	Characterization of relaxor ferroelectrics from BiFeO ₃ doped (K _{0.5} Na _{0.5})NbO ₃ systems	IOP Conference Series: Materials Science and Engineering	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Suasmoro
313	Elsandika G., Putri A.D.C., Musyarafah M., Pratapa S.	Synthesis of ZrSiO ₄ powders by a sol-gel method with varied calcination temperatures	IOP Conference Series: Materials Science and Engineering	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Suminar Pratapa, Ph.D.
314	Aisiyah M.C., Zainuri M., Ristiani D.	Magnetic and microwave absorbing properties of Zn-substituted Barium M-Hexaferrite in X-band frequency range	IOP Conference Series: Materials Science and Engineering	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Mochamad Zainuri, M.Si.

315	Fauziyah N.A., Fadly T.A., Hilmi A.R., Mashuri M., Pratapa S.	Dynamic mechanical properties of enhanced filler dispersion polyethylene-glycol/q-SiO2 composites	IOP Conference Series: Materials Science and Engineering	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Suminar Pratapa, Ph.D.
316	Nadliriyah N., Putri A.L., Triwikantoro T.	PANI/ZrO2-composite coating for corrosion protection in 3.5 M NaCl solution	IOP Conference Series: Materials Science and Engineering	N	fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. rer.nat. Triwikantoro
317	Siddiq N.A., Chong W.Y., Pramono Y.H., Muntini M.S., Asnawi A., Ahmad H.	All-Optical Humidity Sensor Using SnO2 Nanoparticle Drop Coated on Straight Channel Optical Waveguide	Photonic Sensors	N	Fisika	Springer Verlag	N	Article	Scopus	Q3	Dr. Yono Hadi Pramono, M.Eng.
318	Nasori N., Dai T., Jia X., Rubiyanto A., Cao D., Qu S., Wang Z., Wang Z., Lei Y.	Realizing super-long Cu2O nanowires arrays for high-efficient water splitting applications with a convenient approach	Journal of Semiconductors	N	Fisika	Institute of Physics Publishing	N	Article	Scopus	Q3	Dr.rer.nat. Nasori, M.Si.
319	Andiani, L., Endarko	Thorax imaging using two-dimensional electrical impedance tomography: A novel method for anomaly detection by sensitivity distribution analysis	EuroMediterranean Biomedical Journal	N	Fisika	EuroMediterranean Biomedical Journal	N	Article	Scopus	Q3	Endarko, Ph.D
320	Linda Silvia, Aprilya Hartinah Wardani, Yanurita Dwihapsari, Mochamad Zainuri	Effect of Modified SiO2 on the Hydrophobic Properties as Self Cleaning Materials	Materials Science Forum	N	Fisika	scientific.net	N	Conference Paper	Scopus		Linda Silvia, M.Si
321	R. Asih, E. B. Yutomo, D. Ristiani, M. A. Baqiya, T. Kawamata, M. Kato, I. Watanabe, Y. Koike, Darminto	Comparative study on magnetism of reduced graphene oxide (rGO) prepared from coconut shells and the commercial product	Material Sci. Forum	N	Fisika	Scientific.net	N	Conference Paper	Scopus		Retno Asih, Ph.D.
322	Gatut Yudoyono, Sudarsono, Diky Anggoro	Preparation and Characterization of Electrospun Composite Fiber of Polymer-TiO2	Materials Science Forum	N	Fisika	Trans Tech Publications Ltd, Switzerland	N	Conference Paper	Scopus		Dr.,Drs. Gatut Yudoyono, MT
323	SUCI PURNAMA SARI, Mochamad Zainuri.	The Effects of Nickel Doping on the Structure of LiNiFe1-xPO4/C Cathode Material	Materials Science Forum	N	Fisika	Trans Tech Publications Ltd.	N	Article	Scopus	Q4	Drs. Mochamad Zainuri, M.Si.
324	Yuliana M., Wirawan, Suwadi	An efficient key generation for the internet of things based synchronized quantization	Sensors (Switzerland)	N	Teknik Elektro	MDPI AG	N	Article	Scopus	Q2	Dr.ir. Wirawan, DEA
325	Suryoatmojo H., Ridwan M., Riawan D.C., Setijadi E., Mardiyanto R.	Hybrid particle swarm optimization and recursive least square estimation based anfis multioutput for bldc motor speed controller	International Journal of Innovative Computing, Information and Control	N	Teknik Elektro	ICIC International	N	Article	Scopus	Q3	Dr. Heri Suryoatmojo, ST, MT
326	Jayati A.E., Wirawan, Suryani T., Endroyono	Nonlinear distortion cancellation using predistorter in MIMO-GFDM systems	Electronics (Switzerland)	N	Teknik Elektro	MDPI AG	N	Article	Scopus	Q2	Dr. Ir. Titiek Suryani, MT
327	Diharja R., Rivai M., Mujiono T., Pirngadi H.	Carbon Monoxide Sensor Based on Non-Dispersive Infrared Principle	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.Eng.Ir. Totok Mujiono, M.IKom
328	Widayaka P.D., Kusuma H., Attamimi M.	Automatic Shooting Scoring System Based on Image Processing	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Hendra Kusuma, M.Eng.Sc
329	Hadi S., Rivai M., Purwanto D.	Leader-Follower Formation System of Multi-Mobile Robots for Gas Source Searching	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Djoko Purwanto, M.Eng.

330	Dewi Cahya F., Fahmi D., Yulistya Negara I.M., Asfani D.A., Mursid M.	Loading Effect with Distributed Generation (DG) Injection on Distribution System on Temperature and Breakdown Voltage of Oil Transformer in Distributed System	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Daniar Fahmi, ST.,MT
331	Purnama S.I., Kusuma H., Sardjono T.A.	Electrocardiogram Feature Recognition Algorithm with Windowing and Adaptive Thresholding	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Hendra Kusuma, M.Eng.Sc
332	Radimas Putra M.D.L., Rivai M., Irfansyah A.N.	Unmanned Surface Vehicle Navigation Based on Gas Sensors and Fuzzy Logic Control to Localize Gas Source	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Astria Nur Irfansyah, ST, M.Eng, Ph.D
333	Putri A.A., Achmad A., Suwadi	Estimated Vehicle Density Based on Video Processing Using the Gaussian Mixture Model Method	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ir. Achmad Affandi, DEA
334	Dyah Ratna Kusuma M.S., Priyadi A., Vita Lystianingrum B.P.	Transient Stability Prediction Using algorithm Backpropagation	Journal of Physics: Conference Series	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Vita Lystianingrum B.P., ST., M.Sc., Ph.D
335	Vernandez A.B., Riawan D.C., Asfani D.A.	Islanding Detection on Grid-Connected Current Source Inverter Based on Discrete Wavelet Transformation	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Dedet Candra Riawan, ST, M.Eng
336	Mashumah S., Rivai M., Irfansyah A.N.	Nutrient Film Technique based Hydroponic System Using Fuzzy Logic Control	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Astria Nur Irfansyah, ST, M.Eng, Ph.D
337	Effendie R., Iskandar E., Rameli M., Syuhudi I.	Study and Design of Self-Adaptive Pid-Fuzzy Control on Multistage Steam Turbine Rotation Setting	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Ir. Rusdianto Effendi AK., M.T.
338	Mehang T.S., Riawan D.C., Putri V.L.B.	Islanding Detection in Grid-Connected Distributed Photovoltaic Generation Using Artificial Neural Network	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Dedet Candra Riawan, ST, M.Eng
339	Afandi M.A., Kusuma H., Sardjono T.A.	Carotid Artery Plaque Image Recognition Using Gabor Wavelet and Principal Component Analysis	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Hendra Kusuma, M.Eng.Sc
340	Utomo R.M., Made Yulistya Negara I., Asfani D.A., Alham N.R.	Wavelet Filter Selection Analysis for Air Gap Eccentricity in Three Phase Induction Motor	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.Eng. I Made Yulistya Negara, ST., M.Sc.
341	Haryono D.K., Purwanto D., Kusuma H.	Heading Calculation from Sequence of Images Based on Corner Feature Detection and Optical Flow Algorithm	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Djoko Purwanto, M.Eng.
342	Tsabita F., Nur Rohman W., Rosmaliati, Vita Lystianingrum B.P., Purnomo M.H.	Semi-Supervised Learning Optimization Based on Generative Models to Identify Type of Electric Load at Low Voltage	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Vita Lystianingrum B.P., ST., M.Sc., Ph.D
343	Desanti A.F., Sidharta I., Erwantono H., Asfani D.A., Suryoatmojo H., Wahyudi M.	Design of Performance and Parameter Measurement System for Brushless Direct Current (BLDC) Motor	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Dimas Anton Asfani, ST., MT
344	Suryoatmojo H., Cladella F.G., Lystianingrum V., Riawan D.C., Mardiyanto R., Ariana D.	Performance of BLDC Motor Speed Control Based on Hysteresis Current Control Mechanism	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Heri Suryoatmojo, ST, MT

345	Penangsang O., Panuntun S.B., Vita Lystianingrum B.P., Suryawati I.	State Estimation for Radial Passive Distribution System using Hamiltonian Cycle Theory Based on Geographic Information System (GIS)	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ontoseno Penangsang, Ir., M.Sc.
346	Attamimi M., Mardiyanto R., Irfansyah A.N.	Inclined Image Recognition for Aerial Mapping by Unmanned Aerial Vehicles	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Muhammad Attamimi, B.Eng., M.Eng., Ph.D.
347	Budiman F., Rivali M., Bagus Prasta Raditya I.G., Krisrenanto D., Amiroh I.Z.	Smart Control of Air Conditioning System Based on Number and Activity Level of Persons	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Fajar Budiman, ST., M.Sc
348	Made Yulistya Negara I., Gusti Ngurah Satriyadi Hernanda I., Asfani D.A., Fahmi D., Wahyudi M., Hidayat R.	Comparison of Ferroresonance Response on Three Phases Transformer with Different Core Material: M5 and ZDKH	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.Eng. I Made Yulistya Negara, ST., M.Sc.
349	Pujiputra A.P., Kusuma H., Sardjono T.A.	Ultraviolet Rupiah Currency Image Recognition using Gabor Wavelet	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Hendra Kusuma, M.Eng.Sc
350	Putra M.A., Rivai M., Arifin A.	Milk Assessment using Potentiometric and Gas Sensors in Conjunction with Neural Network	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Muhammad Rivai, ST., MT.
351	Wibowo N.A., Mahindara V.R., Priyadi A., Pujiantara M., Purnomo M.H.	Optimization of Overcurrent Relay Operation Using Artificial Intelligent on Radial Topology with Load Constraint	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Margo Pujiantara, MT
352	Mahindara V.R., Istiqlal M.G., Pujiantara M., Asfani D.A., Priyadi A., Purnomo M.H.	Obtaining the Setting of Inverse-Curve Overcurrent Relay using Serial Computing Modified Particle Swarm Optimization in Real System Applications	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Margo Pujiantara, MT
353	Purwitosari L.A., Penangsang O., Wibowo R.S., Suryawati I.	Energy Curtailment to Manage Power Output in Active Distribution Network	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ontoseno Penangsang, Ir., M.Sc.
354	Gusti Ngurah Satriyadi Hernanda I., Made Yulistya Negara I., Asfani D.A., Fahmi D., Wahyudi M., Anugrah K.S.	Study of Petersen Coil Grounding System Inductance Variation on Ferroresonance in 150 kV Transformer	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		I Gusti Ngurah Satriyadi Hernanda, ST., MT
355	Asfani D.A., Riawan D.C., Made Yulistya Negara I., Fahmi D., Hudaya A.S., Laksono D.T.	Design of Surge Test Device for Brushless DC Motor in Electric Scooter Application	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Dimas Anton Asfani, ST., MT
356	Nugraha Y.U., Yuniarto M.N., Herizal H., Asfani D.A., Riawan D.C., Wahyudi M.	Design Analysis of Axial Flux Permanent Magnet BLDC Motor 5 kW for Electric Scooter Application	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Dimas Anton Asfani, ST., MT
357	Fahmi D., Made Yulistya Negara I., Asfani D.A., Gusti Ngurah Satriyadi Hernanda I., Wahyudi M., Azmi H.L.A.	Impact of Diameter and Gap Distance on Partial Discharge Detection in Transformer Oil using RTL-SDR Method	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Daniar Fahmi, ST.,MT
358	Febrianto W.A., Gunartono I., Penangsang O., Wibowo R.S.	Fault Location and Voltage Sag Analysis in Electric Distribution Network	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ontoseno Penangsang, Ir., M.Sc.
359	Sembiring M.A.R., Rivai M., Sardjono T.A.	Design of Dye-Sensitized Solar Cell Using Ultrasonic Coating Method	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Muhammad Rivai, ST., MT.

360	Mardiyanto R., Hidayat R., Aprilian E., Suryoatmojo H.	Development of Autopilot system of Unmanned Aerial Vehicle for Aerial Mapping Application	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Ronny Mardiyanto, S.T., M.T., Ph.D.
361	Iskandar E., Rameli M., Ramadhan W.	Ladder Diagram Design Based on Huffman Method for Selection and Assembling Part on Dual Conveyor Plant	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Eka Iskandar, ST, MT
362	Widyantara H., Rivai M., Purwanto D.	Gas Source Localization Using an Olfactory Mobile Robot Equipped With Wind Direction Sensor	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Muhammad Rivai, ST., MT.
363	Susanto T., Mardiyanto R., Purwanto D.	Development of Underwater Object Detection Method Base on Color Feature	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Ronny Mardiyanto, S.T., M.T., Ph.D.
364	Watiasih R., Rivai M., Penangsang O., Budiman F., Tukadi, Izza Y.	Online Gas Mapping in Outdoor Environment using Solar-Powered Mobile Robot	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Fajar Budiman, ST., M.Sc
365	Zalata M.A., Robandi I., Riawan D.C.	New Model for Hourly Solar Radiation Forecasting using for Java Island, Indonesia	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Ir. Imam Robandi, M.T.
366	Yuliana M., Wirawan, Suwadi, Endroyono, Suryani T.	Enhancing Channel Reciprocity of Secret Key Generation Scheme by Using Modified Polynomial Regression Method	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.Ir. Wirawan, DEA
367	Pujiantara M., Mahindara V.R., Sari T.P.	Study of Overcurrent Relay Coordination Using Non-Standard Tripping Characteristic Method in 150 kV and 20 kV Network of PT. PLN (LTD) APJ Gilimanuk	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Margo Pujiantara, MT
368	Goran P.K., Setijadi E., Hendranto G.	Comparing Reduction Method Of Mutual Coupling between Ring Metamaterial and Square On Micro-strip Array Antenna	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Eko Setijadi, ST., MT., Ph.D
369	Fauzan M.Y., Islam S., Mueyen S.M., Wardhana A.S., Soedibyo, Ashari M.	Experimental Modeling of Nano Power Generation using Thermoelectric Generator (TEG) from Incinerator Waste Heat	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Dr. Mochamad Ashari, M.Eng
370	Setiawan D.K., Suryoatmojo H., Ashari M.	Four-leg Voltage Source Inverter for Voltage and Current Balancing of Distribution Transformer with Distributed Generations	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Heri Suryoatmojo, ST, MT
371	Sari T.P., Priyadi A., Pujiantara M., Yorino N., Purnomo M.H.	Improving Transient Stability Assessment by Installing Super Capacitor Energy Storage using Critical Trajectory Method based on Modified Losing Synchronism	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Margo Pujiantara, MT
372	Anwar T.S., Rosmaliati, Adila A.F., Lystianingrum V., Privadi A., Purnomo M.H.	Design and Implementation of a Piezoelectric Accelerometer Using Arduino Mega for Detection of Vibration on the 20 kV Transformer Tank	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Vita Lystianingrum B.P., ST., M.Sc., Ph.D
373	Abiwardana A.D., Hendranto G., Setijadi E., Sumantyo J.T.S.	Design and Analysis of C-Band Parabolic Antenna Materials for Synthetic Aperture Radar On-Board Microsatellite	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Ir. Gamantyo Hendranto, MEng., Ph.D.
374	Widiarti Y., Suwadi, Wirawan, Suryani T.	A Geometry-Based Underwater Acoustic Channel Model for Time Reversal Acoustic Communication	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.Ir. Suwadi, MT

375	Suwito, Ashari M., Rivai M., Muh A.M.	Energy Consumption of Brushless DC Motor for Modern Irrigation System	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Suwito, S.T., M.T.
376	Faiz I.M., Pramono E.Y., Pratomo I., Penangsang O.	Maturity Level Study of SCADA at Pusat Pengaturan Beban Java-Bali Area Using ITIL Self-Assessment	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Istas Pratomo, S.T., M.T.
377	Musafa A., Purnawan P.W., Tri Yulianto A.S., Priyadi A., Pujiantara M., Purnomo M.H.	Fuzzy Logic Based MPPT with Feedback Control for Photovoltaic Application	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Eng. Ardyono Priyadi, ST., M.Eng
378	Kurniawati N., Affandi A., Pratomo I., Gyoda K.	Raspberry Pi-Based VoIP System for Rural Area	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Achmad Affandi, DEA
379	Asfani D.A., Fahmi D., Made Yulistya Negara I., Brastama A., Kurniawan F.F., Ramadhan I.F.	Web-based Online Monitoring of Low Voltage Series Arcing with Line Impedance Analysis	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Daniar Fahmi, ST., MT
380	Rosmaliati, Setiawati N.E., Purnomo M.H., Priyadi A.	Nguyen-Widrow Neural Network for Distribution Transformer Lifetime Prediction	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Eng. Ardyono Priyadi, ST., M.Eng
381	Radi, Murtiningrum, Purwantana B., Muzdrikah F.S., Nuha M.S., Rivai M.	Design of Wireless Sensor Network (WSN) with RF Module for Smart Irrigation System in Large	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Muhammad Rivai, ST., MT.
382	Sulistiawati I.B., Nurdiansyah A., Lomi A., Priyadi A., Manuaba I.B.G.	Analysis of the Frequency and Voltage Changes while Load Shedding in the Multimachine System	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Eng. Ardyono Priyadi, ST., M.Eng
383	Priyadi A., Sari T.P., Hafidz I., Pujiantara M., Yorino N., Purnomo M.H.	Losing Synchronism Technique based on Critical Trajectory Method for Obtaining the CCT with Installing SCES	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Margo Pujiantara, MT
384	Chhlonh C., Riawan D.C., Suryoatmojo H.	Simulation of independent speed steering control of four in-wheel BLDC motors direct drive for electric vehicle using hybrid fuzzy-PI controller in MATLAB GUI	ACM International Conference Proceeding Series	N	Teknik Elektro	Association for Computing Machinery	N	Conference Paper	Scopus		Dr. Heri Suryoatmojo, ST, MT
385	Mukti P.H., Sarbandi Farahani H., Paulitsch H., Bosch W.	Mutual Coupling Reduction of Aperture-Coupled Antenna Array Using UC-EBG Superstrate	13th European Conference on Antennas and Propagation, EuCAP 2019	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prasetiyono Hari Mukti, ST, MT
386	Afianti F., Wirawan, Suryani T.	Lightweight and DoS Resistant Multiuser Authentication in Wireless Sensor Networks for Smart Grid Environments	IEEE Access	N	Teknik Elektro	Institute of Electrical and Electronics Engineers Inc.	N	Article	Scopus	Q1	Dr. Ir. Titiek Suryani, MT
387	Nurhayati, Setjadi E., Hendrantoro G.	Radiation pattern analysis and modelling of Coplanar Vivaldi antenna element for linear array pattern evaluation	Progress In Electromagnetics Research B	N	Teknik Elektro	Electromagnetics Academy	N	Article	Scopus	Q3	Eko Setjadi, ST., MT., Ph.D
388	Rakhmawati L., Suryani T., Wirawan W., Suwadi S., Endroyono E.	Exploiting self-embedding fragile watermarking method for image tamper detection and recovery	International Journal of Intelligent Engineering and Systems	N	Teknik Elektro	Intelligent Network and Systems Society	N	Article	Scopus	Q2	Dr.Ir. Suwadi, MT
389	Hanafi, Hendrantoro G.	Performance of MIMO and Relay Communication System using TGN and HH Channel	IOP Conference Series: Materials Science and Engineering	N	Teknik Elektro	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Ir. Gamantyo Hendrantoro, MEng., Ph.D.

390	Yuliana M., Wirawan, Suwadi	Improving performance of secret key generation from wireless channel using filtering techniques	Proceedings of SPIE - The International Society for Optical Engineering	N	Teknik Elektro	SPIE	N	Conference Paper	Scopus		Dr.Ir. Wirawan, DEA
391	Made Yulistya Negara I., Wahyudi M., Asfani D.A., Gusti Ngurah Satriyadi Hernanda I., Fahmi D., Soeprijanto A.	Effect of capacitance variation on physical characteristics of ferromagnetic resonance severity and jump phenomenon based on Rudenberg graphical method	International Review of Electrical Engineering	N	Teknik Elektro	Praise Worthy Prize S.r.l	N	Article	Scopus	Q2	Dr.Eng. I Made Yulistya Negara, ST., M.Sc.
392	I Kurniawati, G Hendrantoro, W Wirawan, M Taufik	Spatial Correlation and Diversity of Low-Latitude Multipath Multimode HF Skywave Radio Channels	International Journal on Communications Antenna and Propagation	N	Teknik Elektro	Praise Worthy Prize S.r.l	N	Article	Scopus	Q2	Prof. Ir. Gamantyo Hendrantoro, MEng., PhD.
393	S Tahcfulloh, G Hendrantoro	Full Phased MIMO Radar with Colocated Antennas	International Journal on Communications Antenna and Propagation	N	Teknik Elektro	Praise Worthy Prize S.r.l	N	Article	Scopus	Q2	Prof. Ir. Gamantyo Hendrantoro, MEng., PhD.
394	RM Untsa, G Hendrantoro, P Handayani	Clutter Mitigation Technique on OFDM MIMO Radar	Proceeding - 2019 International Conference of Artificial Intelligence and Information Technology, ICAIIT 2019	N	Teknik Elektro	IEEE	N	Conference Paper	Scopus		Dr. Ir. Puji Handayani, MT.
395	M. Hardiwansyah, S. Tahcfulloh, G. Hendrantoro	Parameter identifiability of phased-MIMO radar	Proceeding - 2019 International Conference of Artificial Intelligence and Information Technology, ICAIIT 2019	N	Teknik Elektro	IEEE	N	Conference Paper	Scopus		Prof. Ir. Gamantyo Hendrantoro, MEng., PhD.
396	Widyantara H., Rivai M., Purwanto D.	Wind direction sensor based on thermal anemometer for olfactory mobile robot	Indonesian Journal of Electrical Engineering and Computer Science	N	Teknik Elektro	Institute of Advanced Engineering and Science	N	Article	Scopus	Q3	Dr. Muhammad Rivai, ST., MT.
397	Hendrawati D., Soeprijanto A., Ashari M.	Turbine wind placement with staggered layout as a strategy to maximize annual energy production in onshore wind farms	International Journal of Energy Economics and Policy	N	Teknik Elektro	Econjournals	N	Article	Scopus	Q1	Prof.Dr.Ir. Adi Soeprijanto, M.T.
398	Arizka L.E., Manimoy H., Atmaja L.	Synthesis and Physical Properties Characterization of Montmorillonite-modified Carbon Nanotubes Filler	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Lukman Atmaja, Ph.D.
399	Sari P., Gunawan T., Wan Salleh W.N., Ismail A.F., Widiastuti N.	Simple Method to Enhance O ₂ /N ₂ Separation on P84 co-polyimide Hollow Fiber Membrane	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Nurul Widiastuti, MSI., Ph.D.
400	Larasati Z.S., Wijiyanti R., Karim Z.A., Ismail A.F., Widiastuti N.	Fabrication of Mixed Matrix Membrane Polysulfone-Zeolite Carbon Composites (ZCC) for Gas Separation	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Nurul Widiastuti, MSI., Ph.D.
401	Gunawan T., Rahayu R.P., Wijiyanti R., Salleh W.N.W., Widiastuti N.	P84/zeolite-carbon composite mixed matrix membrane for CO ₂ /CH ₄ separation	Indonesian Journal of Chemistry	N	Kimia	Gadjah Mada University	N	Article	Scopus	Q3	Nurul Widiastuti, MSI., Ph.D.
402	L. Ernawati, R. A. Wahyuono, A. A. Muhammad, A. R. Nurislam Sutanto, I. K. Maharsih, N. Widiastuti, H. Widiyandari	Mesoporous WO ₃ /TiO ₂ Nanocomposites Photocatalyst for Rapid Degradation of Methylene Blue in Aqueous Medium	International Journal of Engineering	N	Kimia	Elsevier BV	N	Article	Scopus	Q1	Nurul Widiastuti, MSI., Ph.D.
403	Kartika Kusumaningrum I., Marfuah S., Fadilah M.N., Nazriati, Ricky Wijaya A., Kurniawan F.	The Effect of Mass Ratio between NaOH to k-Carrageenan and Alkalization Temperature on Carboxymethyl k-Carrageenan Synthesis	IOP Conference Series: Earth and Environmental Science	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.rer.nat. Fredy Kurniawan, M.Si.
404	Rohmah F., Kurniawan F.	Performance of SGPN-NPs paste electrode as medical biosensor	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.rer.nat. Fredy Kurniawan, M.Si.

405	Rofiansyah A., Tominaga M., Kurniawan F.	Response of SWCNTs/KPGS-modified carbon electrode on dopamine, uric acid and ascorbic acid	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.rer.nat. Fredy Kurniawan, M.Si.
406	Kurniawan F., Nugroho S.M.S., Hariadi M.	Promoting smart city research for engineering students	World Transactions on Engineering and Technology Education	N	Kimia	World Institute for Engineering and Technology Education	N	Article	Scopus	Q2	Dr.rer.nat. Fredy Kurniawan, M.Si.
407	Sukandar E.R., Kaennakam S., Rassamee K., Ersam T., Siripong P., Tip-Pyang S.	Tetrandraxanthones A-I, Prenylated and Geranylated Xanthones from the Stem Bark of Garcinia tetrandra	Journal of Natural Products	N	Kimia	American Chemical Society	N	Article	Scopus	Q1	Prof. Dr. Taslim Ersam, MS.
408	Utomo W.P., Ilham A.M., Khoiroh N., Nurherdiana S.D., Pasicakti G.P., Setyawati M.Z., Fansuri H.	Comparison of La 0.6 Sr 0.4 Co 0.2 Fe 0.8 O 3-6 perovskite synthesis methods and their effect on the particle size	Rasayan Journal of Chemistry	N	Kimia	Rasayan Journal of Chemistry, c/o Dr. Pratima Sharma	N	Article	Scopus	Q2	Wahyu Prasetyo Utomo, S.Si., M.Si.
409	Utomo, W.P., Wijayanti, A.S., Nurherdiana, S.D., Iqbal, R.M., Hartanto, D., Fansuri, H.	Preparation and Morphological Property of Co3O4/BaxSr1-xCo0.8Fe0.2O3-6 (x=0.5-0.7) Membranes using Starch as Binder Agent	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference paper	Scopus		Wahyu Prasetyo Utomo, S.Si., M.Si.
410	Aliyatulmuna A., Burhan P., Prijamboedi B., Fansuri H., Murwani I.K.	Effect of Fe substitution on the partial oxidation of methane to syngas over La0.7Sr0.3Co1-yFeyO3-6 perovskites	Turkish Journal of Chemistry	N	Kimia	TUBITAK	N	Article	Scopus	Q3	Prof. Hamzah Fansuri, MSc., Ph.D.
411	Nurherdiana S.D., Utomo W.P., Sajidah H.B.N., Jamil S.M., Othman M.H.D., Fansuri H.	Comprehensive Study of Morphological Modification of Dual-Layer Hollow Fiber Membrane	Arabian Journal for Science and Engineering	N	Kimia	Springer Verlag	N	Article	Scopus	Q2	Prof. Hamzah Fansuri, MSc., Ph.D.
412	Purnomo A.S., Mauliddawati V.T., Khoirudin M., Yonda A.F., Nawfa R., Putra S.R.	Bio-decolorization and novel bio-transformation of methyl orange by brown-rot fungi	International Journal of Environmental Science and Technology	N	Kimia	Center for Environmental and Energy Research and Studies	N	Article	Scopus	Q1	Adi Setyo Purnomo, S.Si., M.Sc., Ph.D.
413	Grizca Boelan, E., Setyo Purnomo, A.	Abilities of Co-Cultures of White-Rot Fungus Ganoderma lingzhi and Bacteria Bacillus subtilis on Biodegradation DDT	Journal of Physics: Conference Series	N	Kimia	IOP Publishing	N	Conference Paper	Scopus		Adi Setyo Purnomo, S.Si., M.Sc., Ph.D.
414	Purnomo, A.S., Maulianawati, D., Kamei, I.	Ralstonia pickettii Enhance the DDT Biodegradation by Pleurotus eryngii	Journal of microbiology and biotechnology	N	Kimia	Korean Society for Microbiolog and Biotechnology	N	Article	Scopus	Q2	Adi Setyo Purnomo, S.Si., M.Sc., Ph.D.
415	R. Ediaty, S.K. Dewi, M.R. Hasan, M. Kahardina, I.K. Murwani and M. Nadjib	MESOPOROUS HKUST-1 SYNTHESIZED USING SOLVOTHERMAL METHOD	Rasayan Journal of Chemistry	N	Kimia	Rasayan Journal	N	Article	Scopus	Q2	Dra. Ratna Ediaty, MS., Ph. D.
416	R Ediaty, L L Zulfa, K A Nugroho, A Mukminin, D O Sulistiono, M Nadjib and Y Kusumawati	One-pot solvothermal synthesis and characterization of UiO-66/HKUST-1 composites	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dra. Ratna Ediaty, MS., Ph. D.
417	Yusharani M.S., Stenley, Harmami, Ulfin I., Suprpto S., Ni'mah Y.L.	Synthesis of water-soluble chitosan from squid pens waste for capsule shell materials	Journal of Renewable Materials	N	Kimia	Tech Science Press	N	Article	Scopus	Q3	Dr. Yatim Lailun Ni'mah, M.Si.
418	Yatim Lailun Ni'mah, Ita Sulistyani, Suprpto Suprpto, Kartika Sari Dewi	Absorption of indigosol dye waste from batik home industry at ex redlight district, Dolly, Surabaya using activated carbon	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Yatim Lailun Ni'mah, M.Si.
419	Malinda Syifa Yusharani, Stenley, Harmami, Ita Ulfin, Yatim Lailun Ni'mah	Synthesis of water-soluble chitosan from squid pens waste as raw material for capsule shell: temperature deacetylation and reaction time	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Yatim Lailun Ni'mah, M.Si.

420	Yatim Lailun Ni'mah and Vennycha Dwi Ameswari	Determination of Shelf Life and Proximate Analysis of Orummy Beverage Produced by Micro, Small and Medium Enterprise INOKAM in Dolly Distric	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Yatim Lailun Ni'mah, M.Si.
421	Nuni Widiarti, Yatim Lailun Ni'mah, Hasliza Bahruji and Didik Prasetyoko	Development of CaO From Natural Calcite as a Heterogeneous Base Catalyst in the Formation of Biodiesel: Review	Journal of Renewable Materials	N	Kimia	Tech Science Press	N	Article	Scopus	Q3	Prof. Dr. Didik Prasetyoko, M.Sc.
422	Iftitahiyah V.N., Prasetyoko D., Hartati, Ni'Mah Y.L., Bahruji H., Nur H.	Esterification of acetic acid and benzyl alcohol over Zeolite HX produced from bangka belitung kaolin [Penggesteran asam asetik dan benzil alkohol ke atas zeolit HX dihasilkan daripada kaolin	Malaysian Journal of Analytical Sciences	N	Kimia	Malaysian Society of Analytical Sciences	N	Article	Scopus	Q4	Prof. Dr. Didik Prasetyoko, M.Sc.
423	Kusmiyati Kusmiyati, Didik Prasetyoko, Siwi Murwani, Muthiah Nur Fadhillah, Titie Prapti Oetami, Hadiyanto Hadiyanto, Widayat Widayat, Arief Budiman and Achmad Roesyadi	Biodiesel production from reutealis trisperma oil using KOH impregnated eggshell as a heterogeneous catalyst	Energies	N	Kimia	MDPI	N	Article	Scopus	Q1	Prof. Dr. Didik Prasetyoko, M.Sc.
424	Maria Ulfa, Puput Krismayana and Didik Prasetyoko	Effects of acidity on the mesoporous carbon CMK-3 structure during Ibuprofen molecule adsorption	IOP Conference Series: Materials Science and Engineering	N	Kimia	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Didik Prasetyoko, M.Sc.
425	Hartati Hartati, Mardi Santoso, Hadi Nur, Leaw Wal Loon, Hasliza Bahruji, Imroatul Qoniah, Didik Prasetyoko	Selective hierarchical aluminosilicates for acetalization reaction with propylene glycol	Indonesian Journal of Chemistry	N	Kimia	Gajah Mada University	N	Article	Scopus	Q3	Prof. Dr. Didik Prasetyoko, M.Sc.
426	Maria Ulfa, Teguh Endah Saraswati, Bakti Mulyani, Didik Prasetyoko	TRANSFORMATION OF IRON NITRATE INTO IRON NANOPARTICLES EMBEDDED IN MESOPOROUS SILICA MOLECULAR SIEVE SBA-15 NANOSTRUCTURES BY ULTRASONICATION AND	Journal of Chemical Technology & Metallurgy	N	Kimia	University of Chemical Technology and Metallurgy	N	Article	Scopus	Q3	Prof. Dr. Didik Prasetyoko, M.Sc.
427	Tri Wahyuni, Didik Prasetyoko, Suprpto Suprpto, Imroatul Qoniah, Hasliza Bahruji, Ahmad Anwarud Dawam, Sugeng Triwahyono, Aishah Abdul Jalil	Direct synthesis of sodalite from Indonesian kaolin for adsorption of Pb ²⁺ solution, kinetics, and isotherm approach	Bulletin of Chemical Reaction Engineering & Catalysis	N	Kimia	Diponegoro University	N	Article	Scopus	Q3	Suprpto, M.Si., Ph.D.
428	Putri D.A., Fatmawati S.	A New Flavanone as a Potent Antioxidant Isolated from Chromolaena odorata L. Leaves	Evidence-based Complementary and Alternative Medicine	N	Kimia	Hindawi Limited	N	Article	Scopus	Q1	Sri Fatmawati, M.Sc., Ph.D.
429	Nurina R.R., Adi S.P., Sri F.	Antibacterial activities of Syzygium polyanthum wight leaves	AIP Conference Proceedings	N	Kimia	AIP Publishing	N	Conference Paper	Scopus		Sri Fatmawati, M.Sc., Ph.D.
430	Theodore Y. K. Lulan, Sri Fatmawati, Mardi Santoso, and Taslim Ersam	Free radical scavenging activity of Artocarpus champeden extracts	AIP Conference Proceedings 2049, 020055 (2018)	N	Kimia	AIP Publishing	N	Conference Paper	Scopus		Sri Fatmawati, M.Sc., Ph.D.
431	Fahmi Hidayat, Sri Fatmawati	Antioxidant Evaluation of Ganoderma lucidum Extracts	IOP Conference	N	Kimia	AIP Publishing	N	Conference Paper	Scopus		Sri Fatmawati, M.Sc., Ph.D.
432	Sri Fatmawati, Kuniyoshi Shimizu	Anti-oxidant and Aldose Reductase Inhibitory Activity of Piper beetle Extracts	Proceedings of The Pakistan Academy of Sciences	N	Kimia	Pakistan Academy of Sciences	N	Article	Scopus	Q4	Sri Fatmawati, M.Sc., Ph.D.
433	Wiwit Denny Fitriana, Sri Banun Titi Istiqomah, Taslim Ersam, and Sri Fatmawati	The relationship of secondary metabolites: A study of Indonesian traditional herbal medicine (Jamu) for post partum maternal care use	AIP Conference Proceedings 2049, 020096 (2018)	N	Kimia	AIP Publishing	N	Conference Paper	Scopus		Sri Fatmawati, M.Sc., Ph.D.
434	ENDANG Purwanti Setyaningsih, RAHADIAN Abdul Rachman, ULVA Tri Ita Martia, ALVIN Rahmad Widyanto, RENDY Muhammad Iqbal and NURUL Widiastuti	The MnO ₂ /Zeolite NaY Catalyzed Oxidation of CO Emission in Catalytic Converter System	Materials Science Forum	N	Kimia	Trans Tech Publications Ltd.	N	Article	Scopus	Q4	Ir. Endang Purwanti S., MT.

435	Muhammad Riza Ghulam Fahmi, Adroit T.N. Fajar, Nurliana Roslan, Leny Yulianti, Arif Fadlan, Mardi Santoso, Hendrik O. Lintang	Fluorescence study of 5-nitroisatin Schiff base immobilized on SBA-15 for sensing Fe ³⁺	Open Chemistry	N	Kimia	Walter de Gruyter GmbH	N	Article	Scopus	Q2	Arif Fadlan, S. Si, M. Si., D. Sc.
436	Iryani A., Nur H., Santoso M., Hartanto D	Adsorption Study of Rhodamine B and Methylene Blue Dyes with ZSM-5 Directly Synthesized from Bangka Kaolin without Organic Template	Indonesian Journal of Chemistry	N	Kimia	Gadjah Mada University	N	Article	Scopus	Q3	Dr. Drs. Djoko Hartanto, M.Si.
437	Hartanto D., Wardhana D.O.K., Utomo W.P., Nikmah Y.L	The Effect of Alkaline Treatment on the Properties of Hierarchical ZSM-5 prepared by Post-Synthesis Desilication	Rasayan Journal of Chemistry	N	Kimia	Rasayan Journal of Chemistry	N	Article	Scopus	Q2	Dr. Drs. Djoko Hartanto, M.Si.
438	Hartanto D., Pambudi A.B., Cahyanti D.N., Utomo W.P.U	On the Synthesis of ZSM-5 directly from kaolin Bangka with aging time	IOP Conference	N	Kimia	IOP Publishing	N	Conference Paper	Scopus		Dr. Drs. Djoko Hartanto, M.Si.
439	Kusumawati, Y., Ismi Oktavianti, N., Wati Oktavia, L., Nurul Widiastuti, Lukman Atmaja, Izzati Abu Bakar, N., Hadi, N.	Combined computational and experimental study the effect of doped magnesium into betanine-sensitized TiO ₂ photoanode for dye-sensitized solar cells application	Indonesian Journal of Chemistry	N	Kimia	Gadjah Mada University	N	Article	Scopus	Q3	Dr. Yuly Kusumawati, M. Si
440	Subaer, Kusumawati, Y., Akhlus, S., Akifah, N., Fansuri, H.	Thermo-mechanical properties of an anti bacteria coating material based on a hybrid composite geopolymer-chitosan	Ceramic Silikat	N	Kimia	University of Chemistry and Technology, Prague	N	Article	Scopus	Q3	Prof. Hamzah Fansuri, MSc., Ph.D.
441	M. Hasan, Zulfadli, M. Nazar, R.F.I. Rahmayani, G. Fajri and H. Fansuri	THERMOMECHANICAL AND MORPHOLOGY OF BIODEGRADABLE FILM MADE OF TARO STARCH AND CHITOSAN PLASTICIZED BY CASTOR OIL	Rasayan Journal of Chemistry	N	Kimia	Rasayan Journal of Chemistry	N	Article	Scopus	Q2	Prof. Hamzah Fansuri, MSc., Ph.D.
442	Nurherdiana, S.D., Etriana, R., Iqbal, R.M., Utomo, W.P., Fansuri, H	EFFECT OF THE SINTERING PROCESS ON THE MORPHOLOGY AND MECHANICAL PROPERTIES OF La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} ASYMMETRIC FLAT MEMBRANES PREPARED BY THE PHASE	Ceramic Silikat	N	Kimia	University of Chemistry and Technology, Prague	N	Article	Scopus	Q3	Prof. Hamzah Fansuri, MSc., Ph.D.
443	Kuswanto H., Sukmaputri E., Ohwada H.	Ensemble based machine learning for optimizing toxicity in cancer drug discovery	ICIC Express Letters	N	Statistika	ICIC International	N	Article	Scopus	Q4	Dr.rer.pol. Heri Kuswanto, S.Si.,M.Si.
444	Ngwarati B., Iriawan N., Kuswanto H.	Modelling of the Advanced Level National Examination Average Pass Rate in Zimbabwe using Bayesian Hierarchical Log-logistic and Normal Mixture Approach	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Drs. Nur Iriawan, M.IKom., Ph.D.
445	Hidayati S., Otok B.W., Purhadi	Parameter Estimation and Statistical Test in Multivariate Adaptive Generalized Poisson Regression Splines	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Bambang Widjanarko Otok, S.Si., M.Si.
446	Nafngiyana U., Setiawan, Rahayu S.P.	Generalized Method of Moment Application in Simultaneous Dynamic Panel Data Equations for Economic Growth, CO ₂ Emissions, and Health Expenditures Modelling	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. , Ir. Setiawan, M.S.
447	Ummah S., Ratnasari V., Prastyo D.D.	Interval Parameter Estimation of Quantile Regression Using Bca-Bootstrap Approach with Application to Open Unemployment Rate Study	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Vita Ratnasari, S.Si., M.Si.
448	Kuswanto H., Yuliatin I.L., Khoiri H.A.	Statistical downscaling to predict drought events using high resolution satellite based geopotential data	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.rer.pol. Heri Kuswanto, S.Si.,M.Si.
449	Amelia R., Mashuri M., Vita Ratnasari M.S.	Modeling of Parity Status of the Mother and Basic Immunization Giving to Infants with Semiparametric Bivariate Probit (Case Study: North Kalimantan Province in 2017)	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Drs. Muhammad Mashuri, M.T.

450	Prawanti D.D., Nyoman Budiantara I., Purnomo J.D.T.	Parameter Interval Estimation of Semiparametric Spline Truncated Regression Model for Longitudinal Data	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Drs. I Nyoman Budiantara, M.Si
451	Chotimah C., Sutikno, Setiawan	Modelling of Income Inequality in East Java Using Geographically Weighted Panel Regression	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Sutikno, S.Si, M.Si
452	Dewi D.K., Purhadi, Sutikno	Geographically Weighted Bivariate Gamma Regression in the Analysis of Maternal Mortality Rate and Infant Mortality Rate in North Sumatra Province 2017	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Drs. Purhadi, M.Sc
453	Purwa T., Rumiati A.T., Zain I.	Small Area Estimation with Bivariate Hierarchical Bayes (HB) Approach to Estimate Monthly Average per Capita Expenditure of Food and Non-Food Commodities in Province of Bali	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dra. Agnes Tuti Rumiati, M.Sc.
454	Girik Allo C.B., Otok B.W., Purhadi	Estimation Parameter of Generalized Poisson Regression Model Using Generalized Method of Moments and Its Application	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Bambang Widjanarko Otok, S.Si., M.Si.
455	Isnaini F., Ratnasari V., Mashuri M.	Modeling of Exclusive Breastfeeding and Mother Working Status with Recursive Bivariate Probit Model (Case Study in Surabaya City 2017)	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Vita Ratnasari, S.Si., M.Si.
456	Antari I.S.W., Zain I., Suhartono	Classification method at acceptance of new student at public university on the national written test	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dra. Ismaini Zain, M.Si
457	Suwarti, Rumiati A.T., Kuswanto H.	Spatio-Temporal Fay-Herriot Models in Small Area Estimation to Obtain Factors That Affecting Poverty in Polewali Mandar District	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Dra. Agnes Tuti Rumiati, M.Sc.
458	Atmanegara E., Suhartono, Atok R.M.	Forecasting Foreign Tourist Using Intervention Analysis on Count Time Series	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Suhartono, S.Si. M.Sc.
459	Damaliana A.T., Nyoman Budiantara I., Ratnasari V.	Comparing between mgcv and agcv methods to choose the optimal knot points in semiparametric regression with spline truncated using longitudinal data	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Drs. I Nyoman Budiantara, M.Si
460	Hidayat R., Budiantara I.N., Otok B.W., Ratnasari V.	Kernel-Spline Estimation of Additive Nonparametric Regression Model	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Drs. I Nyoman Budiantara, M.Si
461	Hidayati L., Chamidah N., Nyoman Budiantara I.	Spline Truncated Estimator in Multiresponse Semiparametric Regression Model for Computer based National Exam in West Nusa Tenggara	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Drs. I Nyoman Budiantara, M.Si
462	Rahayu A., Purhadi, Sutikno, Prastyo D.D.	Trivariate gamma regression	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Drs. Purhadi, M.Sc
463	Sumarminingsih E., Setiawan, Suharsono A., Ruchjana B.N.	Modeling Inflation and Money Supply using Spatial Vector Autoregressive Model with Calendar Variation: Restricted vs Non-restricted Coefficient	IOP Conference Series: Materials Science and Engineering	N	Statistika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. , Ir. Setiawan, M.S.
464	Iriawan N., Fithriasari K., Ulama B.S.S., Suryaningtyas W., Pangastuti S.S., Cahyani N., Qadrini L.	On The Comparison: Random Forest, SMOTEBagging, and Bernoulli Mixture to Classify Bidikmisi Dataset in East Java	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Statistika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Drs. Nur Iriawan, M.IKom., Ph.D.

465	Iriawan N., Pravitasari A.A., Fithriasari K., Irhamah, Purnami S.W., Ferriastuti W.	Comparative study of Brain Tumor Segmentation using Different Segmentation Techniques in Handling Noise	2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 2018 - Proceeding	N	Statistika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Drs. Nur Iriawan, M.IKom., Ph.D.
466	Sulandari W., Subanar, Suhartono, Utami H., Lee M.H.	Estimating the function of oscillatory components in ssa-based forecasting model	International Journal of Advances in Intelligent Informatics	N	Statistika	Universitas Ahmad Dahlan	N	Article	Scopus	Q3	Dr. Suhartono, S.Si. M.Sc.
467	Nyoman Budiantara I., Ratnasari V., Ratna M., Wibowo W., Afifah N., Rahmawati D.P., Octavanny M.A.D.	Modeling percentage of poor people in Indonesia using kernel and Fourier series mixed estimator in nonparametric regression	Investigacion Operacional	N	Statistika	Universidad de La Habana	N	Article	Scopus	Q4	Prof. Dr. Drs. I Nyoman Budiantara, M.Si
468	Kuswanto H., Naufal A.	Evaluation of performance of drought prediction in Indonesia based on TRMM and MERRA-2 using machine learning methods	MethodsX	N	Statistika	Elsevier B.V.	N	Article	Scopus	Q2	Dr.rer.pol. Heri Kuswanto, S.Si.,M.Si.
469	Ahsan M., Mashuri M., Kuswanto H., Prastyo D.D., Khusna H.	Outlier detection using PCA mix based T 2 control chart for continuous and categorical data	Communications in Statistics: Simulation and Computation	N	Statistika	Taylor and Francis Inc.	N	Article	Scopus	Q3	Dr. Drs. Muhammad Mashuri, M.T.
470	Dewi Y.S., Purhadi, Sutikno, Purnami S.W.	Comparison of Nelder Mead and BFGS algorithms on geographically weighted multivariate negative binomial	International Journal on Advanced Science, Engineering and Information Technology	N	Statistika	Insight Society	N	Article	Scopus	Q2	Dr. Drs. Purhadi, M.Sc
471	Khusna H., Mashuri M., Suhartono, Prastyo D.D., Lee M.H., Ahsan M.	Residual-based maximum MCUSUM control chart for joint monitoring the mean and variability of multivariate autocorrelated processes	Production and Manufacturing Research	N	Statistika	Taylor and Francis Ltd.	N	Article	Scopus	Q2	Dr. Drs. Muhammad Mashuri, M.T.
472	Efendi F., Ni'Mah A.R., Hadisyatmana S., Kuswanto H., Lindayani L., Berliana S.M.	Determinants of facility-based childbirth in Indonesia	Scientific World Journal	N	Statistika	Hindawi Limited	N	Article	Scopus	Q2	Dr.rer.pol. Heri Kuswanto, S.Si.,M.Si.
473	Fam S.-F., Laham J., Sapak Z., Chuan Z.L., Ahamat A., Zin W.Z.W., Suhartono	Factors influencing Malaysian pineapple smallholders intention to adopt MyGAP and MPIB roles to inspire the growers to obtain MyGAP certification	Humanities and Social Sciences Reviews	N	Statistika	Gyandhara International Academic Publications	N	Article	Scopus	Q4	Dr. Suhartono, S.Si. M.Sc.
474	Rahman N.H.A., Lee M.H., Suhartono, Latif M.T.	Hybrid seasonal ARIMA and artificial neural network in forecasting southeast Asia City Air Pollutant Index	ASM Science Journal	N	Statistika	Akademi Sains Malaysia	N	Article	Scopus	Q2	Dr. Suhartono, S.Si. M.Sc.
475	Kuswanto H., Hibatullah F., Soedjono E.S.	Perception of weather and seasonal drought forecasts and its impact on livelihood in East Nusa Tenggara, Indonesia	Heliyon	N	Statistika	Elsevier Ltd	N	Article	Scopus	Q1	Dr.rer.pol. Heri Kuswanto, S.Si.,M.Si.
476	Khoiri H.A., Prastyo D.D., Purnami S.W.	A simulation study and application of feature selection on survival least square support vector machines	AIP Conference Proceedings	N	Statistika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Dr.rer.pol. Dedy Dwi Prastyo, S.Si., M.Si.
477	Mashuri, M., Haryono, H., Aksioma, D.F., Wibawati, W., Ahsan, M., Khusna, H	Tr(R2) control charts based on kernel density estimation for monitoring multivariate variability process	Cogent Engineering	N	Statistika	Taylor and Francis Inc.	N	Article	Scopus	Q2	Dr. Drs. Muhammad Mashuri, M.T.
478	Soemardiono B., Rachmawati M., Ardianta D.A., Nugroho S.	Spatial analysis of urban dense area in developing criteria design based on people participation: Case study of Kembang Jepun, Surabaya	Geographia Technica	N	Arsitektur	Asociatia Geographia Technica	N	Article	Scopus	Q3	Dr Ing. Ir. Bambang Soemardiono
479	Aji H.S., Soepangkat B.O.P., Santosa B., Norcahyo R.	Multi objective optimization of vulcanization process parameters for reducing quality loss cost based on BPNN-PSO method	AIP Conference Proceedings	N	Manajemen Teknologi	American Institute of Physics Inc.	N	Conference Paper	Scopus		Prof. Ir. Budi Santosa, M.Sc, Ph.D.

480	Amarta Z., Soepangkat B.O.P., Sutikno, Norcahyo R.	Multi response optimization in vulcanization process using backpropagation neural network-genetic algorithm method for reducing quality loss cost	AIP Conference Proceedings	N	Manajemen Teknologi	American Institute of Physics Inc.	N	Conference Paper	Scopus		Dr Sutikno, S.Si, M.Si
481	Yudha F.A., Soepangkat B.O.P., Ratnasari V., Suef M., Norcahyo R.	Determination of optimum vulcanization process parameters using Taguchi GRA for reducing quality loss cost	AIP Conference Proceedings	N	Manajemen Teknologi	American Institute of Physics Inc.	N	Conference Paper	Scopus		Dr. Ir. Mokh Suef, M.Sc (Eng)
482	Widi Bhawika G., Suef M.	Acceleration for the Administration Process of Project Contract in Power Plant Service Company using DMAIC	Journal of Physics: Conference Series	N	Manajemen Teknologi	Institute of Physics Publishing	N	Conference Paper	Scopus		Gita Widi Bhawika, S.ST.,M.MT
483	Lieharyani D.C.U., Hari Ginardi R.V., Ambarwati R., Multazam M.T.	Assessment for good university governance in higher education focus on align strategy business with it at big data era	Journal of Physics: Conference Series	N	Manajemen Teknologi	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.techn.Ir. Raden Venantius Hari Ginardi, M.Sc
484	Purnawira B., Purwaningsih H., Ervianto Y., Pratiwi V.M., Susanti D., Rochiem R., Purniawan A.	Synthesis and characterization of mesoporous silica nanoparticles (MSNp) MCM 41 from natural waste rice husk	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Hariyati Purwaningsih, S.Si.,M.Si
485	Wicaksono S.T., Ardhyananta H., Waluyo M.B.	Experimental Analysis on the Tensile Strength of Polyester Resin based Calcium Carbonate Powder and E-Glass Fibre Reinforced Composite	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Sigit Tri Wicaksono, S.Si., M.Si., Ph.D
486	Sadewo A.P., Ardhyananta H., Purniawan A.	Effect of Acetone/Isopropanol as Solvent TiO2 Active Flux on Penetration Characteristics Activated Tungsten Inert Gas Welding Incoloy 825	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Agung Purniawan, S.T., M.Eng.
487	Wicaksono S.T., Laksana A.H., Ardhyananta H.	Effect of Calcium Carbonate on the Tensile and Density Properties of Kenaf/Polyester Hybrid Composite	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Sigit Tri Wicaksono, S.Si., M.Si., Ph.D
488	Noerochim L., Fikry R., Nurdiansah H., Purwaningsih H., Subhan A., Triwibowo J., Prihandoko B.	Synthesis of dual-phase Li4Ti5O12-TiO2 nanowires as anode for lithium-ion battery	Ionics	N	Teknik Material dan Metalurgi	Institute for Ionics	N	Article	Scopus	Q1	Lukman Noerochim, Ph.D
489	Fellicia D.M., Hidayat M.I.P., Rochiem R., Aditya Putra L.B., Wibisono A.T., Ramadhani M.	Modeling and experimental study of Al-Cu alloy sand casting for circuit breaker	International Journal on Advanced Science, Engineering and Information Technology	N	Teknik Material dan Metalurgi	Insight Society	N	Article	Scopus	Q2	Dian Mughni Fellicia, S.T., M.Sc
490	Purwaningsih H., Ervianto Y., Pratiwi V.M., Susanti D., Purniawan A.	Effect of Cetyl Trimethyl Ammonium Bromide as Template of Mesoporous Silica MCM-41 from Rice Husk by Sol-Gel Method	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Hariyati Purwaningsih, S.Si.,M.Si
491	Irawan S., Shanmugam A.K., Hidayat M.I.P., Biyanto T.R.	Study of lateral vibration of drilling string with mass imbalance using finite element	International Journal on Advanced Science, Engineering and Information Technology	N	Teknik Material dan Metalurgi	Insight Society	N	Article	Scopus	Q2	Mas Irfan P. Hidayat, PhD
492	Noerochim L., Ma'rifatul Maghfiroh A., Widyastuti, Susanti D., Priyono S., Prihandoko B.	High electrochemical performance of Li4Ti5O12/C synthesized by ball milling and direct flaming of acetylene gas as anode for lithium-ion battery	Ionics	N	Teknik Material dan Metalurgi	Institute for Ionics	N	Article	Scopus	Q1	Lukman Noerochim, Ph.D
493	Hidayat A., Elyani W., Taufiq A., Wicaksono S.T.	A Preliminary Study on the Thermo-optics Characteristics of Chromium Ferrite Ferrofluids	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Sigit Tri Wicaksono, S.Si., M.Si., Ph.D
494	Wicaksono S.T., Hidayat M.I.P., Widodo A., Suwarno, Taufiq A.	The Enhancement of Compressive Strength of Cement-Based Composite Filled with LDPE/PET/Styrofoam Aggregates as Candidate for Breakwater Application	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Sigit Tri Wicaksono, S.Si., M.Si., Ph.D

495	Sunaryono, Saputra K., Hidayat A., Insjaf Yoghati C., Tri Wicaksono S., Hidayat N., Hidayat S., Soontaranon S.	Magneto-Thermal Effect in Mn 0.25 Fe 2.75 O 4 - PEG Nanoparticles and Their Potential as Hyperthermia Therapy	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Sigit Tri Wicaksono, S.Si., M.Si., Ph.D
496	Zulfika D.N., Widaystuti W., Noerochim L., Pratama N.H., Marjali S., Maulana I., Ikono R., Rochman N.T.	Analysis on the effect of pressure and mass fraction of chromium to mechanical properties and electrical conductivity of copper-chromium composite in hot compaction process	International Journal of Microstructure and Materials Properties	N	Teknik Material dan Metalurgi	Inderscience Enterprises Ltd.	N	Article	Scopus	Q4	Dr.Widaystuti,S.Si,M.Si
497	Anggono J., Farkas Á.E., Bartos A., Móczó J., Antoni, Purwaningsih H., Pukánszky B.	Deformation and failure of sugarcane bagasse reinforced PP	European Polymer Journal	N	Teknik Material dan Metalurgi	Elsevier Ltd	N	Article	Scopus	Q1	Hariyati Purwaningsih, S.Si.,M.Si
498	Hidayat M.I.P.	On Impact Problems of Projectile Using Meshless Peridynamics Analysis	IOP Conference Series: Materials Science and Engineering	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Mas Irfan Purbawanto Hidayat, S.T., M.Sc., Ph.D
499	Abdul F., Pintowantoro S., Hidayatullah A.B.	Analysis of cylindrical briquette dimension on total iron content and the degree of metallization in direct reduction process of iron ore and iron sand mixture	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Fakhreza Abdul, S.T., M.T.
500	Pintowantoro S., Hidayat M.I.P., Abdul F., Syaifullah H.	Analysis of large bell angle in double bell system on burden material distribution and layer deformation in mini blast furnace with capacity 250 ton/day using solid particle model	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Sungging Pintowantoro, S.T., M.T., Ph.D.
501	Pintowantoro S., Abdul F., Prasetyo I., Dharma A.K.	The study of additive variation in smelting process of sponge iron into pig iron on the fe content and fe recovery using electric arc furnace	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Sungging Pintowantoro, S.T., M.T., Ph.D.
502	Kurniawan B.A., Pratiwi V.M., Steven J.	Effect of ph, rotation speed and imidazole-paracetamol based inhibitor volume ratio on corrosion protection of st 41 steel in co2 environment using rotating cylinder electrode	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Budi Agung Kurniawan, S.T., M.Sc
503	Waas V.D., Hidayat M.I.P., Noerochim L.	Finite element simulation of delamination in carbon fiber/epoxy laminate using cohesive zone model: Effect of meshing variation	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Mas Irfan Purbawanto Hidayat, S.T., M.Sc., Ph.D
504	Noerochim L., Reza A.M., Agung B.	Effect of high loading glycine on fe2o3 nano oval as anode for lithium-ion battery	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Lukman Noerochim , S.T., M.Sc.(Eng),Ph.D
505	Noerochim L., Widjaja H., Fajarin R.	Adsorption performance of li1.6mn1.67o4 for lithium extraction from geothermal fluid of lumpur sidoarjo	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Lukman Noerochim , S.T., M.Sc.(Eng),Ph.D
506	Nurdiansah H., Firlyana R E., Susanti D., Purwaningsih H.	Effect of rGO Addition Toward Photocatalyst Properties of ZnO/rGO/TiO2 for Rhodamine B Degradation	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Haniffudin Nurdiansah, S.T., M.T.
507	Amaliya Rasyida, Yohannes Marudut Tua Silaen, Sigit Tri Wicaksono, Hosta Ardyananta, Haniffudin Nurdiansah, Salma Halimah	Preliminary Characterization of Hydrogel Composite Alginate/PVA/r-GO as an Injectable Materials for Medical Applications	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Amaliya Rasyida, ST., M.Sc
508	Amaliya Rasyida, Thalyla Rizkha Pradipta, Sigit Tri Wicaksono, Vania Mitha Pratiwi, Yeny Widya Rakhmawati	Preliminary study of alginates extracted from brown algae (Sargassum sp.) available in Madura Island as composite based hydrogel materials	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Amaliya Rasyida, ST., M.Sc
509	Agung Purniawan, SB. Widia Rezaly Biharu Hayati, Tri Mardji Atmono, Rindang Fajarin and Sigit Tri Wicaksono	The Effect of Deposition Time on Ag-Zn Thin Film Forming Using RF Sputtering for Antimicrobial Coating Orthopedic Devices	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Dr. Agung Purniawan, S.T., M.Eng.

510	Hariyati Purwaningsih, Slamet Raharjo, Vania Mitha Pratiwi, Diah Susanti, Agung Purniawan	Porous Silica Nanomaterial Derived from Organic Waste Rice Husk as Highly Potential Drug Delivery Material	Material Science and Engineering	N	Teknik Material dan Metalurgi	AIP Conference Series Proceeding	N	Conference Paper	Scopus		Hariyati Purwaningsih, S.Si.,M.Si
511	Diah Susanti, Yurian Ariandi Andrameda, Haniffudin Nurdiansah, Hariyati Purwaningsih, Yusuf Pradesar, and Hosta Ardhyananta.	The Preparation of Electrical Double Layer Capacitor (EDLC) from Boron-doped Reduced-Graphene Oxide (B-rGO) Material	IOP Conference Series: Materials Science and Engineering vol. 547, no. 1, p. 012063. IOP Publishing, 2019.	N	Teknik Material dan Metalurgi	Institute of Physics Publishing	N	Conference Paper	Scopus		Diah Susanti, ST, MT, Ph.D
512	Pratiwi V.M., Wibowo A.A., Widyastuti, Purwaningsih H., Maulana F.A.	Characterization of nasicon structure prepared with titanium dioxide doping for nox gas sensor application	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Vania Mitha Pratiwi, S.T., M.T
513	Ardhyananta H., Puspita E.I., Wicaksono S.T., Pakaya F., Wibisono A.T., Ismail H.	Preparation and characterization of carbon from petung bamboo (Dendrocalamus asper) and ori bamboo (bambusa arundinacea) by carbonization heat treatment	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Dr. Eng. Hosta Ardhyananta, ST, MSc
514	Mohammad Farid, Agung Purniawan, Diah Susanti, Amaliya Rasyida, Henry Yuianto, Mavindra Ramadani	Effect of Nanocellulose on Acoustical and Thermal Insulation Properties of Silicone Rubber Composite	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Ir. Moh. Farid, DEA
515	Jatimurti W., Alexander B., Wibisono A.T.	Effect of degassing time and cooling rate on microstructure and porosity of aluminum 6061 alloy using sand casting method	Materials Science Forum	N	Teknik Material dan Metalurgi	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Wikan Jatimurti, ST, MSc
516	Widodo A., Syaifuddin F., Vinca V., Warnana D.D., Rochman J.P.G.N., Ariyanti N., Lestari W.	Data Acquisition of 2D Geophysical Resistivity Methods with Dipole-Dipole Configuration for Identification the Subsurface Brick Stone Sites of Kadipaten Terung Sidoarjo	IOP Conference Series: Materials Science and Engineering	N	Teknik Geofisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.Ir. Amien Widodo, M.Si.
517	Widodo A., Syaifuddin F., Mudhofar A., Warnana D.D., Rochman J.P.G.N., Ariyanti N., Lestari W.	Identification the subsurface structures of kadipaten terung site using surface 3d resistivity methods	IOP Conference Series: Materials Science and Engineering	N	Teknik Geofisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr.Ir. Amien Widodo, M.Si.
518	Novala G.C., Sudarningsih, Kirana K.H., Fajar S.J., Mariyanto, Bijaksana S.	Testing the effectiveness of mechanical magnetic extraction in riverine and lacustrine sediments	Journal of Physics: Conference Series	N	Teknik Geofisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Mariyanto, S.Si. M.T.
519	A S Bahri, P V Hardyani, W Utama, A Hilyah, M S Purwanto and M H M Fajar	Controlling factors of underground river system of karst region in Pacitan Regency, East Java	IOP Conference Series: Earth and Environmental Science	N	Teknik Geofisika	IOP Publishing Ltd	N	Conference Paper	Scopus		Dr. Ayi Syaeful Bahri
520	Bioresita F., Puissant A., Stumpf A., Malet J.-P.	Fusion of Sentinel-1 and Sentinel-2 image time series for permanent and temporary surface water mapping	International Journal of Remote Sensing	N	Teknik Geomatika	Taylor and Francis Ltd.	N	Article	Scopus	Q1	Filsa Bioresita, S.T., M.T.
521	Cahyadi M.N., Rwabudandi I.	Integration of GNSS-IMU for increasing the observation accuracy in Condensed Areas (Infrastructure and Forest Canopies)	E3S Web of Conferences	N	Teknik Geomatika	EDP Sciences	N	Conference Paper	Scopus		Mokhamad Nur Cahyadi, ST.,M.Sc.,Ph.D
522	Hariyanto T., Kurniawan A., Pribadi C.B., Amin R.A.	Optimization of Ground Control Point (GCP) and Independent Control Point (ICP) on Orthorectification of High Resolution Satellite Imagery	E3S Web of Conferences	N	Teknik Geomatika	EDP Sciences	N	Conference Paper	Scopus		Dr. Ir. Teguh Hariyanto, M.Sc.
523	Guruh Pratomo D., Khomsin K., Syaputra K.	Comparison of Sea Surface Variation Derived from Global Navigation Satellite System (GNSS) and Co-Tidal in Java Sea	E3S Web of Conferences	N	Teknik Geomatika	EDP Sciences	N	Conference Paper	Scopus		Danar Guruh Pratomo, ST.,MT.,Ph.D
524	Wibisana H., Sukojo B.M., Lasminto U.	Preliminary study of total suspended solid distribution in coastal ujung Pangkah Gresik based reflectance value of Landsat satellite imagery	Indonesian Journal of Geography	N	Teknik Geomatika	Gajah Mada University	N	Article	Scopus	Q3	Prof. Dr. Ir. Bangun Muljo Sukojo, DEA.DESS

525	Dissanayake DMSLB., Morimoto T., Murayama Y., Ranagalage M., Handayani H.H.	Impact of urban surface characteristics and socio-economic variables on the spatial variation of land surface temperature in Lagos City, Nigeria	Sustainability (Switzerland)	N	Teknik Geomatika	MDPI AG	N	Article	Scopus	Q2	Hepi Hapsari Handayani, S.T., M.Sc., Ph.D.
526	Nguyen M.V., Chu H.J., Lin C.H., Lalu M.J.	Feature selection of optical satellite images for chlorophyll-a concentration estimation	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	N	Teknik Geomatika	International Society for Photogrammetry and Remote Sensing	N	Conference Paper	Scopus		Lalu Muhamad Jaelani, S.T., M.Sc., Ph.D.
527	Sukojo B.M., Dheliana A	Analysis of Rice Varieties Productivity Using Sentinel 2A Satellite Image Data (Case Study of Bojonegoro Regency)	Indonesian Journal of Geography	N	Teknik Geomatika	Gadjah Mada University	N	Journal	Scopus	Q3	Prof. Dr. Ir. Bangun Muljo Sukojo, DEA.DESS
528	Yuwono, Handoko, E.Y., Cahyadi, M.N., Rahmadiansah, A., Yudha, I.S., Sari, A.	Assessment of the Single Frequency Low Cost GPS RTK Positioning	ICOIRS 2018, IOP Conference Series: Earth and Environmental Science 280 (2019) 012025	N	Teknik Geomatika	Hasanuddin University	N	Conference Paper	Scopus		Ir. Yuwono, M.T.
529	B M Sukojo, M Zulfa	Analysis of air quality influenced by traffic density using web based geographic information system (Study case: Central Surabaya)	CITIES 2018, IOP Conf. Series: Earth and Environmental Science 340 (2019) 012010	N	Teknik Geomatika	ITS Surabaya	N	Conference Paper	Scopus		Prof. Dr. Ir. Bangun Muljo Sukojo, DEA.DESS
530	Sutini, Widiurjani, Augustien N., Purwanto D.A., Muslihatin W.	The production of cinnamic acid secondary metabolites through in vitro culture of callus <i>Camellia sinensis</i> L with the elicitor of cobalt metal ions	AIP Conference Proceedings	N	Biologi	American Institute of Physics Inc.	N	Conference Paper	Scopus		Wirdhatul Muslihatin, S.Si.,M.Si
531	Zulaika E., Andry M.P.U., Fitria A.N., Prasetyo E.N.	The potential of bacillus cereus s1 as an environmentally friendly bioaccumulator of gold nanoparticle waste	IOP Conference Series: Materials Science and Engineering	N	Biologi	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Enny Zulaika, MP
532	Mahbubillah M.A., Nurhayati A.P.D., Prasetyo E.N.	The effect of various substrate on production of cellobiose dehydrogenase enzyme by <i>Trametes versicolor</i>	IOP Conference Series: Materials Science and Engineering	N	Biologi	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. techn. Endry Nugroho P., S.Si.,MT
533	Muzaki F.K., Saptarini D., Ibadah A.S.	Juvenile and small fish diversity in mangroves of different root types in the Labuhan coastal area, Bangkalan, Indonesia	Biodiversitas	N	Biologi	Society for Indonesian Biodiversity	N	Article	Scopus	Q3	Farid Kamal Muzaki, S.Si.,M.Si
534	Muzaki F.K., Hanifa R., Akhwady R., Saptarini D., Buharianto	Short communication: Growth rate of <i>Acropora muricata</i> coral fragments transplanted on dome-shaped concrete artificial reef with different composition	Biodiversitas	N	Biologi	Society for Indonesian Biodiversity	N	Article	Scopus	Q3	Farid Kamal Muzaki, S.Si.,M.Si
535	Apriliawan Hariyoto F.D., Soegiarto A., Hidayati D.	Accumulation of pb, cd and zn in the bullet tuna (<i>Auxis rochei</i>) caught from Bali Strait Indonesia	Ecology, Environment and Conservation	N	Biologi	EM International	N	Article	Scopus	Q4	Dr. Dewi Hidayati, S.Si., M.Si
536	Hidayati D., Sulaiman N., Ismail B.S., Jadid N., Muchamad L.S.	Volcanic mud contamination in the river ecosystem: The case study of Lusi mud volcano, Indonesia	Nature Environment and Pollution Technology	N	Biologi	Technoscience Publications	N	Article	Scopus	Q4	Dr. Dewi Hidayati, S.Si., M.Si
537	Alami N.H., Maulidiya L.L., Kuswytasari N.D., Zulaika E., Shovitri M.	The potential of yeasts from the oil-contaminated soil and mangrove rhizosphere for degrading crude oil	Biodiversitas	N	Biologi	Society for Indonesian Biodiversity	N	Article	Scopus	Q3	Nur Hidayatul Alami, S.Si.,M.Si
538	Hidayati D., Prabowo H.Y., Soegiarto A.	Infection status of intestinal parasites in skipjack tuna (<i>Katsuwonus pelamis</i>) from sendang biru waters, Indian Ocean, Indonesia	Ecology, Environment and Conservation	N	Biologi	EM International	N	Article	Scopus	Q4	Dr. Dewi Hidayati, S.Si., M.Si
539	Muzaki F.K., Setiawan E., Insany G.F.A., Dewi N.K., Subagio I.B.	Community structure of echinoderms in seagrass beds of pacitan beaches, East Java, Indonesia	Biodiversitas	N	Biologi	Society for Indonesian Biodiversity	N	Article	Scopus	Q3	Farid Kamal Muzaki, S.Si.,M.Si

540	Chi C.-F., Dewi R.S., Samali P., Hsieh D.-Y.	Preference ranking test for different icon design formats for smart living room and bathroom functions	Applied Ergonomics	N	Teknik Industri	Elsevier Ltd	N	Article	Scopus	Q1	Ratna Sari Dewi, S.T., M.T., Ph.D
541	Leksono E.B., Suparno S., Vanany I.	Integration of a balanced scorecard, DEMATEL, and ANP for measuring the performance of a sustainable healthcare supply chain	Sustainability (Switzerland)	N	Teknik Industri	MDPI AG	N	Article	Scopus	Q2	Prof. Dr. Ir. Suparno MSIE
542	Rahman A., Istighfarin R.	Augmented reality based learning media for virtual instruction of LPG cylinder assembly	AIP Conference Proceedings	N	Teknik Industri	American Institute of Physics Inc.	N	Conference Paper	Scopus		Arief Rahman,ST,MSc
543	Supriatna A., Singgih M.L., Widodo E., Kurniati N.	Performance measurement on lease equipment with overall equipment effectiveness	AIP Conference Proceedings	N	Teknik Industri	American Institute of Physics Inc.	N	Conference Paper	Scopus		Prof. Moses L. Singgih
544	Hartini S., Ciptomulyono U., Anityasari M.	Life cycle - Value stream mapping: Evaluating sustainability using lean manufacturing tools in the life cycle perspective	AIP Conference Proceedings	N	Teknik Industri	American Institute of Physics Inc.	N	Conference Paper	Scopus		Prof. Dr. Ir. Udisubakti Ciptomulyono, M.Eng.Sc.
545	Gani I., Wahyuda, Santosa B., Muliati, Rusdiansyah A.	Analysis of costs and emissions on the addition of production capacity of the power plant using multi echelon economic dispatch	AIP Conference Proceedings	N	Teknik Industri	American Institute of Physics Inc.	N	Conference Paper	Scopus		Prof. Ir. Budi Santosa, M.S., Ph.D.
546	Murdapa P.S., Pujawan I.N., Karningsih P.D., Nasution A.H., Murdapa P.S.	A Numerical Analysis Model Involving Carbon Emissions in a Single Echelon Supply Chain Systems with Two Distribution Channels: Proposed preliminary model	2019 IEEE 6th International Conference on Industrial Engineering and Applications, ICIEA 2019	N	Teknik Industri	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Prof. Ir. I Nyoman Pujawan, M.Eng., Ph.D., CSCP
547	Prasetyawan Y., Agustuan E., Kusuma Wardani I.O.	Automation strategy for local commodity enhancement	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Yudha Prasetyawan, ST., M.Eng
548	Prasetyawan Y., Yuwana L., Yuniarto A., Tira A., Kurniawan F.R., Wardani I.O.K.	Integrated manufacturing system framework for sustainable maritime tourism	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Yudha Prasetyawan, ST., M.Eng
549	Hartanto D., Bunyannudin A.	Development of delivery consolidation procedures at courier service companies using Monte Carlo simulation	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Dody Hartanto, ST.,MT.
550	Prasetyawan Y., Suef M., Rifqy N., Wardani I.O.K.	Manufacturing strategy improvement based on lean methodology	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Yudha Prasetyawan, ST., M.Eng
551	Wahyuni H., Vanany I., Ciptomulyono U.	Food safety and halal food in the supply chain: Review and bibliometric analysis	Journal of Industrial Engineering and Management	N	Teknik Industri	Universitat Politecnica de Catalunya	N	Article	Scopus	Q2	Prof Iwan Vanany, ST,MT, Ph.D
552	Prasetyawan Y., Suef M., Supriyanto H., Wardani I.O.K.	Empowering product development through creative culinary house design	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Yudha Prasetyawan, ST., M.Eng
553	Singgih M.L., Prasetyawan Y., Sutikno, Hartanto D., Kurniawan F.R., Wicaksana W.T.	Maintenance management improvement based on reliability centered maintenance II in energy generating industries	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Moses L. Singgih
554	Lukitosari V., Suparno, Pujawan I.N., Widodo B.	Inventory strategy for spare parts redundancy to support server operations during production processes	Production and Manufacturing Research	N	Teknik Industri	Taylor and Francis Ltd.	N	Article	Scopus	Q2	Prof. Dr. Ir. Suparno MSIE

555	Siswanto N., Putriali S., Latiffianti E.	Evaluation of fertilizer products storage system considering seasonal demand using discrete event simulation	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Nurhadi Siswanto, ST, MSIE, Ph.D
556	Kantari L.A., Pujawan I.N., Arvitrida N.I.	Integration of contract and spot market carrier under demand uncertainty	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Prof. Ir. I Nyoman Pujawan, M.Eng., Ph.D., CSCCP
557	Umam M.I.H., Kurnianingtyas D., Santosa B., Siswanto N.	Decentralization of medical emergency service to minimize response time	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Prof. Ir. Budi Santosa, M.S., Ph.D.
558	Ramadhani H.A.D., Erwin Widodo S.T.	A data analytics model of banking performance and economic condition: East Java Region Case	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Erwin Widodo., ST., M.Eng., Dr.Eng.
559	Siswanto N.	The effects of chromosome length on hyper-heuristics for solving the maritime inventory routing problems	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Nurhadi Siswanto, ST, MSIE, Ph.D
560	Gan S.-S., Pujawan I.N., Wahjudi D., Tanoto Y.Y.	Pricing decision model for new and remanufactured short life-cycle products with green consumers	Journal of Revenue and Pricing Management	N	Teknik Industri	Palgrave Macmillan Ltd.	N	Article	Scopus	Q3	Prof. Ir. I Nyoman Pujawan, M.Eng., Ph.D., CSCCP
561	Siswanto N., Wiratno S.E., Rusdiansyah A., Sarker R.	Maritime inventory routing problem with multiple time windows	Journal of Industrial and Management Optimization	N	Teknik Industri	American Institute of Mathematical Sciences	N	Article	Scopus	Q3	Nurhadi Siswanto, ST, MSIE, Ph.D
562	Pusporini P., Vanany I.	Selection process of sustainable production indicators using eco-quality function deployment	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof Iwan Vanany, ST,MT, Ph.D
563	Mansur A., Vanany I., Arvitrida N.I.	Blood supply chain challenges: Evidence from Indonesia	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Prof Iwan Vanany, ST,MT, Ph.D
564	Rosyida E.E., Santosa B., Pujawan I.N.	Logistic strategy to face disruption in freight multimodal transportation network	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Prof. Ir. Budi Santosa, M.S., Ph.D.
565	Cahyana A.S., Vanany I., Arvitrida N.I.	Food waste in supply chains: A literature review	Proceedings of the International Conference on Industrial Engineering and Operations Management	N	Teknik Industri	IEOM Society	N	Conference Paper	Scopus		Prof Iwan Vanany, ST,MT, Ph.D
566	Vanany I., Soon J.M., Maryani A., Wibawa B.M.	Determinants of halal-food consumption in Indonesia	Journal of Islamic Marketing	N	Teknik Industri	Emerald Group Publishing Ltd.	N	Article	Scopus	Q2	Prof Iwan Vanany, ST,MT, Ph.D
567	Gani I., Wahyuda, Santosa B., Muliati	Multi Echelon Distribution Model for Electric Market Deregulation Collaboration Strategy in East Kalimantan	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Ir. Budi Santosa, M.S., Ph.D.
568	Albertzeth G., Pujawan I.N., Hilletoft P., Tjahjono B.	Mitigating transportation disruptions in a supply chain: a cost-effective strategy	International Journal of Logistics Research and Applications	N	Teknik Industri	Taylor and Francis Ltd.	N	Article	Scopus	Q1	Prof. Ir. I Nyoman Pujawan, M.Eng., Ph.D., CSCCP
569	Lin C.J., Prasetyo Y.T., Widyaningrum R.	Eye movement measures for predicting eye gaze accuracy and symptoms in 2D and 3D displays	Displays	N	Teknik Industri	Elsevier B.V.	N	Article	Scopus	Q2	Retno Widyaningrum, S.T., M.T., M.B.A., Ph.D

570	Syahrir, I., Suparno, Vanany, I.	Drug Supplies Planning in Hospital for Epidemic Attack using SEIR Model	(2019) Journal of Physics: Conference Series, 1179 (1), 1), art. no. 012150.	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Dr. Ir. Suparno MSIE
571	Sukisno, Singgih. M.L	Location Selection Analysis for New Shipyard Using Integration of DEMATEL and ANP: A Case Study (PT IKI)	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	IOP Publishing Ltd	N	Conference Paper	Scopus		Prof. Moses L. Singgih
572	Kurnianingtyas D., Santosa B., Siswanto N.	Financial Strategy Model for Social Health Insurance in Indonesia using Simulation	IOP Conference Series: Materials Science and Engineering, Volume 598, Number 1	N	Teknik Industri	IOP Publishing Ltd	N	Conference Paper	Scopus		Prof. Ir. Budi Santosa, M.S., Ph.D.
573	Adhi A., Santosa B., Siswanto N.	A New Metaheuristics for Solving Vehicle Routing Problem: Partial Comparison Optimization	IOP Conference Series: Materials Science and Engineering	N	Teknik Industri	Institute of Physics Publishing	N	Conference Paper	Scopus		Prof. Ir. Budi Santosa, M.S., Ph.D.
574	Widodo,E., Sitohang, E.A.G., Vanany, I.	An Inventory Management Model for Product-Service System in Dual-Channel Supply Chain	IOP Conference Series: Materials Science and Engineering, 2019	N	Teknik Industri	IOP Publishing Ltd	N	Conference Paper	Scopus		Erwin Widodo., ST., M.Eng., Dr.Eng.
575	Dewi, D.S.,Batan, I.M.L.,Rakhmawati, A.,Wessiani, N.A.	Product Design for Post-Stroke Rehabilitation Bicycle with Kansei Engineering Approach	IOP Conference Series: Materials Science and Engineering, 2019	N	Teknik Industri	IOP Publishing Ltd	N	Conference Paper	Scopus		Dyah Santhi Dewi, ST. M.EngSc. PhD
576	A.D.Prayogi, D.S. Dewi, A.Sudiarno	Design of Ergonomic Assault Vest for Indonesian Army with Modular Concept	IOP Conference Series: Materials Science and Engineering, 2019	N	Teknik Industri	IOP Publishing Ltd	N	Conference Paper	Scopus		Dyah Santhi Dewi, ST. M.EngSc. PhD
577	Utamima A., Reiners T., Ansariipoor A.H.	Optimisation of agricultural routing planning in field logistics with Evolutionary Hybrid Neighbourhood Search	Biosystems Engineering	N	SistemInformasi	Elsevier	N	Article	Scopus	Q1	Amalia Utamima S.Kom, MBA
578	Yudha H., Susanto T.D.	E-Leadership: The Effect of E-Government Success in Indonesia	Journal of Physics: Conference Series	N	Sistem Informasi	Institute of Physics Publishing	N	Conference Paper	Scopus		Tony Dwi Susanto, S.T., M.T., Ph.D.
579	Furqon M.A., Rakhmawati N.A., Mahananto F.	Heart failure decision support system using semantic web approach	Proceedings - 2018 3rd International Conference on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2018	N	Sistem Informasi	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Nur Aini Rakhmawati, S.Kom., M.Sc.Eng., Ph.D.
580	Mudjahidin, Buliali J.L., & Yuniarto M.N.	A model of reliability, average reliability, availability, maintainability and supportability for services with system dynamics approach	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Sistem Informasi	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Mudjahidin, S.T., M.T.
581	Suryani E., Hendrawan R.A., Junaedi L., Dewi L.P.	Simulation Model and Scenario to Increase Corn Farmers Profitability	Advances in Intelligent Systems and Computing	N	Sistem Informasi	Springer Verlag	N	Conference Paper	Scopus		Erma Suryani, S.T., M.T., Ph.D.
582	Suryani, E., Hendrawan, R.A., Wibisono, A., (...), Adipraja, P.F.E., Dewi, L.P.	Analysis of urban service reliability and its effect on traffic congestion	ACM International Conference Proceeding Series	N	Sistem Informasi	Association for Computing Machinery	N	Conference Paper	Scopus		Erma Suryani, S.T., M.T., Ph.D.
583	Ariyati M.R., Nasution A.	Heart Rhythm Classification from Electrocardiogram Signals Using Hybrid PSO-Neural Network Method and Neural ICA	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Fisika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr.rer.nat. Ir. Aulia Muhammad Taufiq Nasution , M.Sc.
584	Fitriyannah D.N., Abadi I.	Fuzzy Logic Control Design of Mobile PV Using Bacterial Foraging Optimization	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Fisika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Imam Abadi, ST.MT

585	Mahmashani A.W., Hantoro R., Septyaningrum E., Firmansyah O.A., Zidna F.	Impact of Sizing in VAHT-SBC to the Channel Blockage	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Fisika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ridho Hantoro, S.T., M.T.
586	Raafiu B., Darwito P.A.	Identification of Four Wheel Mobile Robot based on Parametric Modelling	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Fisika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ir. Purwadi Agus Darwito , M.Sc.
587	Satwika N.A., Hantoro R., Sarwono	Experimental and Numerical Analysis Design of a Lab-Scale on Horizontal Axis Wind Turbine with Winglets	Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018	N	Teknik Fisika	Institute of Electrical and Electronics Engineers Inc.	N	Conference Paper	Scopus		Dr. Ridho Hantoro, S.T., M.T.
588	Pamrih, Biyanto T.R., Hatta A.M., Satwika N.A.	An analysis study of pressure drop from the difference of air pressure on air dryer on Pt. Vale Indonesia	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Totok Ruki Biyanto, S.T., M.T., Ph.D.
589	Biyanto T.R., Cordova H., Nugroho G., Prasetya R.A.	Helical Baffle Design Optimization on heat exchanger using Genetic Algorithm Method at Central Gathering Station 5 Chevron Pacific Indonesia Ltd.	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Hendra Cordova, S.T., M.T.
590	Biyanto T.R., Auliya M.F., Noriyati R.D., Cordova H., Martadji, Putra H.R., Bethiana T.N., Maburri M.O.	Optimization of gasoline engine to maximize brake power and minimize brake specific fuel consumption with artificial neural network and killer whale algorithm	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Ir. Matradji, M.Kom.
591	Biyanto T.R., Cordova H., Matradji, Huda C.	Techno-economic optimization of heat exchanger design by utilizing several overall heat transfer coefficient technology and generalized reduced gradient	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Ir. Matradji, M.Kom.
592	Biyanto T.R., Matradji, Febrianto H.Y., Afdanny N., Rahman A.H., Gunawan K.S.	Rain water algorithm: Newton's law of rain water movements during free fall and uniformly accelerated motion utilization	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Ir. Matradji, M.Kom.
593	Biyanto T.R., Musyafa A., Cordova H., Matradji, Prasetyo A., Zabiri H., Sordi A., Sapika N.	Comparison on PID controller performance for multivariable system between de-tuned method and optimization method	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Hendra Cordova, S.T., M.T.
594	Utami E., Malwindsari A., Biyanto T.R.	Optimization of geometries shell and tube heat exchanger to minimize fouling resistance by utilizing polley threshold model	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Totok Ruki Biyanto, S.T., M.T., Ph.D.
595	Nugroho A.T., Antarkisawan A.R., Biyanto T.R.	Optimization to review capital cost of operation heat exchanger of kartini reactor	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Totok Ruki Biyanto, S.T., M.T., Ph.D.
596	Djokorayono R., Arfittariah, Priantama D.B., Biyanto T.R.	Design of belt conveyor weight scale using gamma radiation technique	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Totok Ruki Biyanto, S.T., M.T., Ph.D.
597	Biyanto T.R., Tama N.E., Permatasari I., Sabillah M.G., Napitupulu D.H., Anda A.R.	Optimization heat transfer coefficient in retrofit heat exchanger network using pinch analysis and killer whale algorithm	AIP Conference Proceedings	N	Teknik Fisika	American Institute of Physics Inc.	N	Conference Paper	Scopus		Totok Ruki Biyanto, S.T., M.T., Ph.D.
598	Uwitije P.D., Hantoro R., Nasri M.Y., Nugroho G.	Study and Simulation of A Solar System for Drying Purpose in Rwanda	IOP Conference Series: Materials Science and Engineering	N	Teknik Fisika	Institute of Physics Publishing	N	Conference Paper	Scopus		Dr. Ridho Hantoro, S.T., M.T.
599	Indriani R., Hatta A.M., Irawati N.	Effect of the storage temperature on curcumin content in food supplement by spectrophotometry method	Proceedings of SPIE - The International Society for Optical Engineering	N	Teknik Fisika	SPIE	N	Conference Paper	Scopus		Agus Muhamad Hatta, ST, MSI, Ph.D

600	Hardiana T.O., Hidayati R.N., Anggoro W., Agus Muhamad H., Irawati N.	Detection of water turbidity using LDR sensor	Proceedings of SPIE - The International Society for Optical Engineering	N	Teknik Fisika	SPIE	N	Conference Paper	Scopus		Agus Muhamad Hatta, ST, MSI, Ph.D
601	Zahroh A., Nasution A.M.T., Suyanto H.	The analysis of calcium contained in saliva due to smoking habits: Using laser-induced breakdown spectroscopy (LIBS)	Proceedings of SPIE - The International Society for Optical Engineering	N	Teknik Fisika	SPIE	N	Conference Paper	Scopus		Dr.rer.nat. Ir. Aulia Muhammad Taufiq Nasution , M.Sc.
602	Nasution A.M.T., Fajrin Y.A., Suyanto H.	Calibrating of simple and low cost Raspberry-Pi camera-based Chlorophyll meter for accurately determining chlorophyll content in paddy leaves	Proceedings of SPIE - The International Society for Optical Engineering	N	Teknik Fisika	SPIE	N	Conference Paper	Scopus		Dr.rer.nat. Ir. Aulia Muhammad Taufiq Nasution, M.Sc.
603	Rinda N.H., Agus Muhamad H., Irawati N., Yasin M., Miratul K.	Magnesium ion sensor based on single mode-multimode-single with multi-walled carbon nanotubes	Proceedings of SPIE - The International Society for Optical Engineering	N	Teknik Fisika	SPIE	N	Conference Paper	Scopus		Agus Muhamad Hatta, ST, MSI, Ph.D
604	Nasution A.M.T., Wicaksono P.E., Suyanto H.	Determination of coffee bean's moisture content using laser-induced breakdown spectroscopy (LIBS)	Proceedings of SPIE - The International Society for Optical Engineering	N	Teknik Fisika	SPIE	N	Conference Paper	Scopus		Dr.rer.nat. Ir. Aulia Muhammad Taufiq Nasution, M.Sc.
605	Biyanto T.R., Febriansyah L.R., Abdillah A.I., Perwira H.Y., Rizki R.F., Bethiana T.N., Irawan S.	Optimization of operating conditions of CO ₂ - enhanced gas recovery and carbon sequestration	Journal of Petroleum Exploration and Production Technology	N	Teknik Fisika	Tidak	N	Article	Scopus	Q3	Totok Ruki Biyanto, S.T., M.T., Ph.D.
606	Rintaningrum, R	Investigating reasons why listening in english is difficult: Voice from foreign language learners	Asian EFL Journal	N	Soshum	Asian EFL Journal Press	N	Article	Scopus	Q4	Ratna Rintaningrum, S.S., M.ED., Ph.D.
607	Rahmawatia, Yahiji, K.a, Mahfud, C.b, Affin, J.c, Koiri, M.d	Chinese ways of being good Muslim: From the Cheng Hoo Mosque to Islamic education and media literacy	Indonesian Journal of Islam and Muslim Societies	N	Soshum	State Institute of Islamic Studies (IAIN) Salatiga	N	Article	Scopus	Q3	Dr. Choirul Mahfud, S.Pd.I., M.Pd.I.
608	Zulkifli, Panji G.	Prediction of the density & thermal conductivity of light bricks on the effect of aluminium elements using artificial neural network (Ann)	Materials Science Forum	N	Teknik Fisika	Trans Tech Publications Ltd	N	Conference Paper	Scopus		Ir. Zulkifli, M.Sc.