

**DAFTAR PUBLIKASI TERINDEKS SCOPUS  
DEPARTEMEN TEKNIK SISTEM DAN INDUSTRI**

No	Judul	Authors	Tahun	Jenis	Nama Jurnal / Conference
1	The effect of emotional design and online customer review on customer repeat purchase intention in online stores	Dewi D, Sudiarno A, Saputra H, Dewi R	2018	C	IOP Conference Series: Materials Science and Engineering (2018) 337(1)
2	Workplace accommodation for workers with intellectual or psychiatric disabilities	Chi, C.-F., Dewi, R.S., Jang, Y., Liu, H.-L.	2018	J	International Journal of Industrial Ergonomics
3	Usability analysis of indoor map application in a shopping centre	Dewi, R.S., Hadi, R.K.	2018	C	IOP Conference Series: Materials Science and Engineering
4	Local economic development of dolly lane Surabaya: A descriptive study	Dewi, D.S., Setiawan, Yusuf, M., Waluyohadi, Sari, N.I.	2018	C	IOP Conference Series: Earth and Environmental Science
5	Model of relationship between personal factors and Occupational Health and Safety (OHS) management toward unsafe actions: A case study	Syamtinningrum, M.D.P., Partiw, S.G., Dewi, D.S	2018	C	IOP Conference Series: Materials Science and Engineering
6	Bio-mechanical assessment toward throwing and lifting process of i-LOCA (Innovative Lobster Catcher)	Sudiarno, A., Dewi, D.S., Putri, M.A.	2018	C	IOP Conference Series: Materials Science and Engineering
7	University building safety index measurement using risk and implementation matrix	Rahman, A., Arumsari, F., Maryani, A.	2018	C	IOP Conference Series: Materials Science and Engineering
8	Designing Key Performance Indicators (KPI) with macro ergonomics approach	Alimul Karim, A., Gunani Partiw, S., Sudiarno, A.	2018	C	MATEC Web of Conferences
9	The effect of parallax on eye fixation parameter in projection-based stereoscopic displays	Lin, C.J., Widyaningrum, R.	2018	J	Applied Ergonomics
10	Eye movement parameters for performance evaluation in projection-based stereoscopic display	Lin, C.J., Prasetyo, Y.T., Widyaningrum, R.	2018	J	Journal of Eye Movement Research
11	Musculoskeletal disorder survey for pond workers	Maryani, A., Partiw, S.G., Dewi, H.N.F.	2018	C	IOP Conference Series: Materials Science and Engineering
12	Classification of sub-sectors in creative industry for regional economic development	Cahyaningrum, D.T., Widodo, E., Arvitrida, N.I.	2018	C	MATEC Web of Conferences
13	A review of agent-based modeling approach in the supply chain collaboration context	Arvitrida, N.I.	2018	C	IOP Conference Series: Materials Science and Engineering
14	Modified allocation capacitated planning model in blood supply chain management	Mansur, A., Vanany, I., Arvitrida, N.I.	2018	C	IOP Conference Series: Materials Science and Engineering
15	A Literature Review on Multimodal Freight Transportation Planning under Disruptions	Rosyida E, Santosa B, Pujawan I	2018	C	IOP Conference Series: Materials Science and Engineering
16	Coalition in utilization capacity in container transportation services	Widjanarka A, Wirjodirdjo B, Pujawan I, Baihaqi I	2018	J	International Journal of Applied Science and Engineering
17	Cost-effective strategy to mitigate transportation disruptions in supply chain	Albertzeth G, Pujawan I	2018	C	IOP Conference Series: Materials Science and Engineering
18	Inventory-transportation model considering carbon cap	Ardiana T, Nyoman Pujawan I, Siswanto N	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
19	Mixed integer linear programming model for dynamic supplier selection problem considering discounts	Adi Wicaksono P, Pujawan I, Widodo E, Sutrisno	2018	C	MATEC Web of Conferences
20	Modeling of shallot supply decisions: The case of Indonesia	Prabawati N, Pujawan I, Widodo E	2018	C	IOP Conference Series: Materials Science and Engineering
21	Pricing decisions for short life-cycle product in a closed-loop supply chain with random yield and random demands	Gan S, Pujawan I, Suparno B	2018	J	Operations Research Perspectives
22	Procurement strategy and supply risk analysis of coal by considering price fluctuation and supplier delivery time	Wibowo A, Pujawan I	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management

23	Shifting orders among suppliers considering risk, price and transportation cost	Revitasari C, Pujawan I	2018	C	IOP Conference Series: Materials Science and Engineering
24	Single stage queueing/manufacturing system model that involves emission variable	Murdapa P, Pujawan I, Karningsih P, Nasution A	2018	C	IOP Conference Series: Materials Science and Engineering
25	The impact of cloud-enabled process integration on supply chain performance and firm sustainability: the moderating role of top management	Shee H, Miah S, Fairfield L, Pujawan N	2018	J	Supply Chain Management
26	The relationship among the resiliency practices in supply chain, financial performance, and competitive advantage in manufacturing firms in Indonesia and Sierra Leone	Musa I, Nyoman Pujawan I	2018	C	IOP Conference Series: Materials Science and Engineering (2018)
27	A Simulation study of sea transport based fertilizer product considering disruptive supply and congestion problems	Siswanto, N., Kurniawati, U., Latiffianti, E., Rusdiansyah, A., Sarker, R.	2018	J	Asian Journal of Shipping and Logistics
28	Feasibility model for freight train insertion in one way - Train schedule	Ratna Sari, A., Rusdiansyah, A.	2018	C	MATEC Web of Conferences
29	Development model of train rescheduling model consider predictive delay	Iswardani, K., Rusdiansyah, A.	2018	C	MATEC Web of Conferences
30	Maritime inventory routing problem with multiple time windows	Siswanto N, Wiratno S, Rusdiansyah A, Sarker R	2018	J	JCO Precision Oncology (2018)
31	Model of refrigerated display-space allocation for multi agro-perishable products considering markdown policy	Satiti D, Rusdiansyah A	2018	C	IOP Conference Series: Materials Science and Engineering (2018)
32	The Effect of Supply Disruptions on Customer Service Levels: A Case for Delivering Fertilizer Products using Maritime Transportation	Siswanto N, Kurniawati U, Wiratno S	2018	C	IOP Conference Series: Materials Science and Engineering (2018)
33	An improved modified FMEA model for prioritization of lean waste risk	Sutrisno A, Gunawan I, Vanany I	2018	J	International Journal of Lean Six Sigma (2018)
34	Application of quality function deployment for halal food products	Vanany I, Maarif G, Soeprijanto A, Amaliah B	2018	C	IEEE International Conference on Industrial Engineering and Engineering Management (2018)
35	Challenge and opportunity research in blood supply chain management: A literature review	Mansur A, Vanany I, Indah Arvitrida N	2018	C	MATEC Web of Conferences (2018)
36	Challenges in implementing cleaner production: Barriers and strategies in the Indonesian seafood processing industry	Pusporini P, Vanany I	2018	C	IEEE International Conference on Industrial Engineering and Engineering Management (2018)
37	Development of performance indicators relationships on sustainable healthcare supply chain performance measurement using balanced scorecard and DEMATEL	Leksono E, Suparno I, Vanany I	2018	J	International Journal on Advanced Science, Engineering and Information Technology (2018)
38	Identifying risk event in Indonesian fresh meat supply chain	Wahyuni H, Vanany I, Ciptomulyono U	2018	C	IOP Conference Series: Materials Science and Engineering (2018)
39	Lean waste classification model to support the sustainable operational practice	Sutrisno A, Vanany I, Gunawan I, Asjad M	2018	C	IOP Conference Series: Materials Science and Engineering (2018)
40	The influence of traceability system practice to product recall capability in bulk food industry: Observation and interview	Gunawan I, Vanany I, Widodo E	2018	C	IEEE International Conference on Industrial Engineering and Engineering Management (2018)
41	Using DEMATEL approach to develop relationships of performance indicators on sustainable service only supply chain performance measurement	Leksono E, Suparno I, Vanany I	2018	C	IOP Conference Series: Materials Science and Engineering (2018)
42	Manual handling methods evaluation based on oxygen consumption	Nurmianto, E., Ciptomulyono, U., Suparno, (...), Setijono, H., Arief, N.A.	2018	C	IOP Conference Series: Materials Science and Engineering
43	Integration of three echelon supply chain (supplier-manufacturer-distributor-drop shipper) with permissible delay in payment and penalty contract	Ibrahim, M.F., Suparno	2018	C	IOP Conference Series: Materials Science and Engineering
44	House of reverse logistics: An approach to analyse the factors influencing company performance and customer complaint	Pulansari, F., Suparno, Partawi, S.G.	2018	J	International Journal of Services and Operations Management
45	A development of a framework for evaluation of reverse logistics maturity level	Pulansari, F., Suparno, Partawi, S.G.	2018	J	International Journal of Logistics Systems and Management
46	Multi period pricing for managing local fruit supply chain	Widodo, E., Prihadianto, R.D., Hartanto, D.	2018	C	MATEC Web of Conferences

47	Innovation network analysis to support innovation capabilities of Kakao, Sengon and Porang (KaSePo) cluster in Madiun Regency	Kusuma, Y.A., Syairudin, B.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
48	Development progress monitoring system in Engineering Procurement Construction (EPC) company with Earn Value Analysis (EVA) approach based on web mobile	Budiman, R.S., Gunarta, I.K.	2018	C	MATEC Web of Conferences
49	Development of agrotourism business model as an effort to increase the potency of tourism village(case study: Punten Village, Batu City)	Gunarta, I.K., Hanggara, F.D.	2018	C	MATEC Web of Conferences
50	A study of consumer preferences for customized product design	Wedowati, E.R., Singgih, M.L., Gunarta, I.K.	2018	C	MATEC Web of Conferences
51	Determining factors that contribute to financial literacy for small and medium enterprises	Hakim, M.S., Oktavianti, V., Gunarta, I.K.	2018	C	IOP Conference Series: Materials Science and Engineering
52	Failure mode effect analysis and fault tree analysis as a combined methodology in risk management	Wessiani, N.A., Yoshio, F.	2018	C	IOP Conference Series: Materials Science and Engineering
53	Redefining the business process of Department of Food Security and Agriculture in Government of Surabaya City	Cahyono, H., Wessiani, N.A.	2018	C	IOP Conference Series: Materials Science and Engineering
54	Using remap-TmPS learning to improve low-ability students' critical thinking skills	Zubaidah, S., Mahanal, S., Rosyida, F., (...), Sholihah, M., Ismirawati, N.	2018	J	Asia-Pacific Forum on Science Learning and Teaching
55	Model of urban water management towards water sensitive city: A literature review	Maftuhah, D.I., Anityasari, M., Sholihah, M.	2018	C	IOP Conference Series: Materials Science and Engineering
56	Performance evaluation using lean six sigma and overall equipment effectiveness: An analyzing tool	Supriyanto, H., Suef, M.	2018	J	International Journal of Mechanical Engineering and Technology
57	Sustainable-value stream mapping to evaluate sustainability performance: Case study in an Indonesian furniture company	Hartini, S., Ciptomulyono, U., Anityasari, M., Sriyanto, Pudjotomo, D.	2018	C	MATEC Web of Conferences
58	A model for optimizing remanufacturing quantity strategy by considering quantity fluctuations	Mustajib, M.I., Kurniati, N., Ciptomulyono, U.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
59	Development of sustainable maritime industry to strengthen regional innovation system in Lamongan Regency	Nugroho, S.A., Ciptomulyono, U., Puspita, N.F., Murdjito	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
60	Sustainable supply chain value stream mapping (Ssc-Vsm) the application in two bottle drinking water companies	Megayanti W., Anityasari M., Ciptomulyono U	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
61	Improvement of Shewhart Control Chart for Autocorrelated Data in Continuous Production Process	Bisri, H., Singgih, M.L.	2018	C	4th International Conference on Science and Technology, ICST
62	Performance model development for assessing maintenance service providers using the Kano model	Singgih, M.L., Karningsih, P.D., Suef, M., Dalulia, P.	2018	C	Journal of Business and Retail Management Research
63	Study on Course Management System Implementation in Indonesian Higher Education Institutions	Saputra, Y.A., Singgih, M.L., Latiffianti, E., Suryani, E., Mudjahidin	2018	C	IOP Conference Series: Materials Science and Engineering
64	Performance modelling for maintenance outsourcing providers based on the Kano model	Singgih, M.L., Dalulia, P., Suef, M., Karningsih, P.D.	2018	J	International Journal of Technology
65	Quality control and improvement for process printing of the product package using integration of FMEA-TRIZ	Rafsanjani, S., Singgih, M.L.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
66	Indonesian sustainable food-availability policy assessment using system dynamics: A solution for complexities	Findiastuti W., Singgih M., Anityasari M	2018	J	Cogent Food & Agriculture
67	Targeting overall equipment efficiency for small medium enterprises with irregular production system	Prasetyawan, Y., Suef, M., Claudia, L., Handayani, F.D.	2018	C	IOP Conference Series: Materials Science and Engineering
68	Mapping Risks of Indonesian Tuna Supply Chain	Karningsih, P.D., Anggrahini, D., Kurniati, N., Suef, M., Fachrur, A.R., Syahroni, N.	2018	C	IOP Conference Series: Materials Science and Engineering
69	Preventive maintenance policy on leasing by considering the usage rate	Jufriyanto, M., Kurniati, N., Supriatna, A.	2018	C	MATEC Web of Conferences
70	Readiness Assessment Towards Smart Manufacturing System for Tuna Processing Industry in Indonesia	Anggrahini, D., Kurniati, N., Karningsih, P.D., Parenreng, S.M., Syahroni, N.	2018	C	IOP Conference Series: Materials Science and Engineering
71	Determining optimal preventive maintenance interval for component of worn bearing element of Oil & Gas Compressor	Siswanto, A., Kurniati, N.	2018	C	IOP Conference Series: Materials Science and Engineering
72	Policy for equipment's leasing period extension with minimum cost of maintenance	Lestari, C., Kurniati, N.	2018	C	IOP Conference Series: Materials Science and Engineering

73	Integration of maintenance policy and quality control based on variable sampling plan using capability index process	Salimah, S.F., Kurniati, N.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
74	Development of quality improvement matrix: An integrated tools for quality improvement	Muhammad, K., Karningsih, P.D.	2018	C	MATEC Web of Conferences
75	Development lean assessment indicator: A case study	Rakhmanhuda, I., Karningsih, P.D.	2018	C	MATEC Web of Conferences
76	Two-Sided assembly line balancing to minimize number of workstation with considering the relationships between tasks	Rachmawaty, D., Karningsih, P.D., Santosa, B.	2018	C	MATEC Web of Conferences
77	Improving project efficiency using lean construction	Karningsih, P.D., Anggrahini, D., Karim, M.B., Adhitama, R.	2018	C	Proceeding - ICAMIMIA 2017: International Conference on Advanced Mechatronics, Intelligent Manufacture, and Industrial Automation
78	The integration between Business Model Canvas and Manufacturing System Design	Prasetyawan, Y., Maulida, N., Lutvitasari, M.R.	2018	C	IOP Conference Series: Materials Science and Engineering
79	Manufacturing process design for multi commodities in agriculture	Prasetyawan, Y., Santosa, A.H.	2018	C	AIP Conference Proceedings
80	Aligning business strategy of incubator center and tenants	Prasetyawan, Y., Agustiani, E., Jumayla, S.	2018	C	AIP Conference Proceedings
81	Supplier selection framework for dairy industry in Indonesia	Anggrahini, D., Baihaqi, I., Anggani, P.C.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
82	Split delivery vehicle routing problem with time windows: A case study	Latiffianti, E., Siswanto, N., Firmandani, R.A.	2018	C	IOP Conference Series: Materials Science and Engineering
83	Investment feasibility tracking: The importance of measuring and tracking the success level of the project during commercialization phase	Saputra, Y.A., Setyaningtyas, V.E.D., Latiffianti, E., Wijaya, S.H., Ladamay, O.S.A.	2018	C	IOP Conference Series: Materials Science and Engineering
84	Modelling Integration of System Dynamics and Game Theory for of Financial Technology Peer to Peer Lending Industry	Anresnani, D.S., Widodo, E., Syairuddin, B.	2018	C	MATEC Web of Conferences
85	A model for tuna-fishery policy analysis: Combining system dynamics and Game Theory approach	Widodo E	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management
86	Model for developing five key pillars of sustainable tourism: A literature review	Maftuhah, D.I., Wirjodirdjo, B.	2018	C	AIP Conference Proceedings
87	Preliminary study of infiltration gallery for water treatment towards universal access 2019 in Indonesia	Kusuma, M.N., Hadi, W., Wirjodirdjo, B.	2018	J	Soil and Environment
88	Policy impact of the Indonesian Central Bank certificate related on loan interest rate to the demand growth of property	Wirjodirdjo, B., Asjari, H.Y.	2018	C	IOP Conference Series: Materials Science and Engineering
89	Correlation between quality and quantity from pollutants absorption by soil to the application of infiltration gallery	Kusuma, M.N., Hadi, W., Wirjodirdjo, B., Yulfiah	2018	J	Pollution Research
90	Discrete particle swarm optimization to solve multi-objective limited-wait hybrid flow shop scheduling problem	Santosa, B., Siswanto, N., Fiqihesa	2018	C	IOP Conference Series: Materials Science and Engineering 337 (1)
91	A meta-heuristic method for solving scheduling problem: Crow search algorithm	Adhi, A., Santosa, B., Siswanto, N.	2018	C	IOP Conference Series: Materials Science and Engineering 337 (1)
92	Optimization of municipal waste collection scheduling and routing using vehicle assignment problem (case study of Surabaya city waste collection)	Ramdhani, M.N., Baihaqi, I., Siswanto, N.	2018	C	IOP Conference Series: Materials Science and Engineering 337 (1)
93	Meta-heuristic method for solving bulk oil product logistic in Inventory Routing Problem: Partial comparison optimization	Adhi, A., Santosa, B., Siswanto, N.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management 2018-March ,pp.2521
94	Minimizing response time in Medical Emergency Service: A literature review	Umam, M.I.H., Santosa, B., Siswanto, N.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management 2018-March ,pp.2511
95	Modeling of multimodal transportation problem considering carbon emission	Ardliana, T., Pujawan, I.N., Siswanto, N.	2018	C	Proceedings of the International Conference on Industrial Engineering and Operations Management 2018-March ,pp.708
96	Solving the Container Stowage Problem (CSP) using Particle Swarm Optimization (PSO)	Matsaini, Santosa, B.	2018	C	IOP Conference Series: Materials Science and Engineering
97	Developing cross entropy genetic algorithm for solving Two-Dimensional Loading Heterogeneous Fleet Vehicle Routing Problem (2L-HFVRP)	Paramestha, D.L., Santosa, B.	2018	C	IOP Conference Series: Materials Science and Engineering
98	Solving the Container Stowage Problem (CSP) using Particle Swarm Optimization (PSO)	Matsaini, Santosa, B.	2018	C	IOP Conference Series: Materials Science and Engineering
99	Developing cross entropy genetic algorithm for solving Two-Dimensional Loading Heterogeneous Fleet Vehicle Routing Problem (2L-HFVRP)	Paramestha, D.L., Santosa, B.	2018	C	IOP Conference Series: Materials Science and Engineering

100	A Hybrid Symbiotic Organisms Search Algorithm with Variable Neighbourhood Search for Solving Symmetric and Asymmetric Traveling Salesman Problem	Umam, M.I.H., Santosa, B.	2018	C	IOP Conference Series: Materials Science and Engineering
101	Appropriate technologies for local economic development based on fisheries products in Poteran Island	Pamungkas, A., Nurmianto, E., Siswanto, V.K., Sulistyono, A.	2018	C	IOP Conference Series: Materials Science and Engineering
102	Ergonomics smoke machine for indigenous people in Indonesia	Nurmianto, E.	2018	C	MATEC Web of Conferences