

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

No	Judul	Authors	Tahun	Jenis	Nama Jurnal / Conference
1	Shelf-space Allocation and Product Arrangement for Fruits Considering Facility's Temperature Distribution	Satiti, D., Rusdianyah, A., Dewi, R.S.	2020	C	2020 IEEE 7th International Conference on Industrial Engineering and Applications, ICIEA 2020
2	Applying eye tracker technology for analyzing user interface design of online transportation applications (case study : Grab application)	Dewi, D.S., Ilmi, N., Dewi, R.S	2020	C	IOP Conference Series: Materials Science and Engineering
3	Modified EOQ Model for Refrigerated Display's Shelf-Space Allocation Problem	Satiti, D., Rusdianyah, A., Dewi, R.S.	2020	C	IOP Conference Series: Materials Science and Engineering
4	Conceptualizing DFSS an Analysis of 107 studies	Nurchahyanie, Y.D, Singgih, M.L, Dewi, D.S	2020	C	IOP Conference Series: Materials Science and Engineering
5	Assessment of Safety Culture Maturity Level in Production Area of a Steel Manufacturer	Sudiarno, A., Sudarni, A.A.C.	2020	C	IOP Conference Series: Materials Science and Engineering
6	Combination of Value Stream Mapping and House of Risk Methods to Eliminate Waste in Productivity Enhancement in Production Area of Fertilizer Company	Suryanti, F., Sudiarno, A., Sudarni, A.A.C.	2020	C	IOP Conference Series: Materials Science and Engineering
7	Macro ergonomics approach to analyze the quality of public bike-sharing transportation services	Sudiarno, A., Aldhama, S.A.	2020	C	AIP Conference Proceedings
8	An agent based simulation model for retail price promotion strategies	Arvitrida, N.I., Kurniawan, A.C.	2020	C	AIP Conference Proceedings
9	Blood Collection Strategy: A Lesson Learned from Indonesian Blood Supply Chain	Mansur, A., Vanany, I., Arvitrida, N.I.	2020	C	IOP Conference Series: Materials Science and Engineering
10	Investigating the mix of contract-based and on-demand sourcing for transportation services under fluctuate and seasonal demand	Kantari, L.A., Pujawan, I.N., Arvitrida, N.I., Hilletoft, P.	2020	J	International Journal of Logistics Research and Applications
11	Halal six sigma framework for defects reduction	Vanany, I., Hua Tan, K., Siswanto, N., Arvitrida, N.I., Pahlawan, F.M.	2020	J	Journal of Islamic Marketing
12	Comparison Analysis of Tajuk's Onion Production Efficiency (Allium Ascalonicum) in Rejoso Sub-District-Nganjuk	Ulansari, D.R., Pujawan, I.N.	2020	C	IOP Conference Series: Materials Science and Engineering
13	The effects of carbon tax on inventory and land multimodal integration	Ardliana, T., Pujawan, I.N., Siswanto, N.	2020	C	IOP Conference Series: Materials Science and Engineering
14	The effects of carbon cap limitations on inventory and multimodal transportation	Ardliana, T., Pujawan, I.N., Siswanto, N.	2020	C	AIP Conference Proceedings
15	Container Yard Planning Layout Model Considering Demand and Lost Sale Container	Wirjodirdjo, B., Budiarto, A.G., Pujawan, I.N., Mafalah, I.	2020	C	ACM International Conference Proceeding Series
16	Mitigating transportation disruptions in a supply chain: a cost-effective strategy	Albertzeth, G., Pujawan, I.N., Hilletoft, P., Tjahjono, B.	2020	J	International Journal of Logistics Research and Applications
17	Routing and scheduling employee transportation using tabu search	Purba, A.P., Siswanto, N., Rusdiansyah, A.	2020	C	AIP Conference Proceedings
18	Early warning of food security in East Java Indonesia using a system dynamics model	Juned, V.V.A., Vanany, I., Maftuhah, D.I., Hajar, G.	2020	C	AIP Conference Proceedings
19	Determining Sources of Uncertainty, Performance, and Strategy in Biodiesel Supply Chain	Agustina, F., Vanany, I., Siswanto, N	2020	C	ACM International Conference Proceeding Series
20	A System Performance Analysis of Ship to Shore Operation Considering Crane Availabilities using Simulation Approach	Aqsha, B.D., Siswanto, N., Suparno, Tama, M.I	2020	C	IOP Conference Series : Materials Science and Engineering
21	Discrete Event Simulation Modelling for Classifying the Container Yard Availability Considering Dock Unloading Activity	Tama, M.I., Siswanto, N., Suparno, Aqsha, B.D.	2020	C	IOP Conference Series : Materials Science and Engineering
22	Productivity Analisisi Stevedore a Descriptive Analysis Method with Integration, Importance Performance Analysis, Quality Function Deployment (case Study : PT. Port Indonesia III (Persero) Branch Gresik)	Widodo, E., Suprayitno, H, Suparno, Umayyah	2020	C	IOP Conference Series : Materials Science and Engineering

23	Fault tree and decision making trial and evaluation laboratory model for formulating risk mitigation strategies at water production process of PDAM Baubau	Spalanzani, W., Ciptomulyono, U., Suef, M., Asmuddin, Salwiah	2020	C	AIP Conference Proceedings
24	Manufacturing sustainability assessment using a lean manufacturing tool: A case study in the Indonesian wooden furniture industry	Hartini, S., Ciptomulyono, U., Anityasari, M., Sriyanto	2020	J	International Journal of Lean Six Sigma
25	Integrated FMEA-MCDM for Prioritizing Operational Disruption in Production Process	Muqimuddin, Singgih, M.L.	2020	C	IOP Conference Series: Materials Science and Engineering
26	Multi Sensor-Based Failure Diagnosis using the Mahalanobis Taguchi System	Susanto, B.S.P., Kurniati, N.	2020	C	IOP Conference Series: Materials Science and Engineering
27	Determination Factors in Supply Chain: Salt Problem	Maflahah, I., Wirjodirdjo, B., Karningsih, P.D.	2020	C	ACM International Conference Proceeding Series
28	New product development from inactive problem perspective in Indonesian SMEs to open innovation	Prabowo, R., Singgih, M.L., Karningsih, P.D., Widodo, E.	2020	J	Journal of Open Innovation: Technology, Market, and Complexity
29	Warehouse Improvement Evaluation using Lean Warehousing Approach and Linear Programming	Prasetyawan, Y., Ibrahim, N.G	2020	C	IOP Conference Series: Materials Science and Engineering
30	The Proposed OEE-SIGMA Prediction for Increased Profits	Prasetyawan, Y., Giffari, F., Putera, B.S.A.	2020	C	IOP Conference Series: Materials Science and Engineering
31	Matrix-analytic solutions in production lines without buffers	Alkaff, A., Qomarudin, M.N., Wiratno, S.E.	2020	J	Computers and Operations Research
32	Power generation and transmission system analysis by using cooperative game theory (case study: Electricity in Kalimantan)	Widodo, E., Putri, W.M.P.	2020	C	AIP Conference Proceedings
33	Pricing for product-service system under dual-channel supply chain	Widodo, E., Shabir, I.N.A., Syairudin, B.	2020	C	AIP Conference Proceedings
34	A System Dynamics for Financial Strategy Model Assessment in National Health Insurance System	Kurnianingtyas, D., Santosa, B., Siswanto, N.	2020	C	ACM International Conference Proceeding Series
35	An ergonomic, mobile and portable design of porang cutting and drying machine on motorcycle	Nurmianto, E., Anzip, A., Kusriani, D.E.	2020	C	IOP Conference Series: Materials Science and Engineering