

# Benny Tjahjono

## List of Publications by Year in descending order

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Version: 2024-02-01

93  
papers

1,799  
citations

361045

20  
h-index

315357

38  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1471  
citing authors

#	ARTICLE	IF	CITATIONS
1	What does Industry 4.0 mean to Supply Chain?. <i>Procedia Manufacturing</i> , 2017, 13, 1175-1182.	1.9	369
2	Six Sigma: a literature review. <i>International Journal of Lean Six Sigma</i> , 2010, 1, 216-233.	2.4	175
3	Aligning retail reverse logistics practice with circular economy values: an exploratory framework. <i>Production Planning and Control</i> , 2018, 29, 483-497.	5.8	116
4	A review of multi-factor capacity expansion models for manufacturing plants: Searching for a holistic decision aid. <i>International Journal of Production Economics</i> , 2007, 106, 607-621.	5.1	70
5	Unveiling the potentials of circular economy values in logistics and supply chain management. <i>International Journal of Logistics Management</i> , 2019, 30, 723-742.	4.1	64
6	Towards product-service systems modelling: a quest for dynamic behaviour and model parameters. <i>International Journal of Production Research</i> , 2012, 50, 425-442.	4.9	51
7	An investigation into circular economy practices in the traditional wooden furniture industry. <i>Production Planning and Control</i> , 2020, 31, 1336-1348.	5.8	44
8	Allocation of quality control stations in multistage manufacturing systems. <i>Computers and Industrial Engineering</i> , 2011, 60, 473-484.	3.4	42
9	A circular capability framework to address food waste and losses in the agri-food supply chain: The antecedents, principles and outcomes of circular economy. <i>Journal of Business Research</i> , 2022, 142, 17-31.	5.8	38
10	Achieving manufacturing excellence through the integration of enterprise systems and simulation. <i>Production Planning and Control</i> , 2016, 27, 837-852.	5.8	36
11	A novel framework to link Prognostics and Health Management and Productâ€“Service Systems using online simulation. <i>Computers in Industry</i> , 2012, 63, 669-679.	5.7	35
12	Food Plastic Packaging Transition towards Circular Bioeconomy: A Systematic Review of Literature. <i>Sustainability</i> , 2021, 13, 3896.	1.6	30
13	A Review of Research in Manufacturing Prognostics. , 2006, , .		29
14	Stakeholder Mapping and Analysis of the Renewable Energy Industry in Indonesia. <i>Energies</i> , 2019, 12, 602.	1.6	29
15	Like, tag and share: bolstering social media marketing to improve intention to visit a nature-based tourism destination. <i>Tourism Review</i> , 2022, 77, 451-470.	3.8	29
16	Integrated strategic supply chain positioning for SMEs: an empirical study. <i>International Journal of Logistics Management</i> , 2006, 17, 260-276.	4.1	27
17	Mitigating transportation disruptions in a supply chain: a cost-effective strategy. <i>International Journal of Logistics Research and Applications</i> , 2020, 23, 139-158.	5.6	27
18	Analysis and optimisation of a network of closed-loop automobile assembly line using simulation. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 59, 351-366.	1.5	25

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19	Advancing bioplastic packaging products through co-innovation: A conceptual framework for supplier-customer collaboration. <i>Journal of Cleaner Production</i> , 2020, 252, 119861.	4.6	25
20	Towards an improved tool to facilitate simulation modelling of complex manufacturing systems. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 43, 191-199.	1.5	24
21	Lean thinking implementation at a safari park. <i>Business Process Management Journal</i> , 2009, 15, 321-335.	2.4	22
22	A framework for managing sustainable palm oil supply chain operations: a case of Indonesia. <i>Production Planning and Control</i> , 2017, 28, 1093-1106.	5.8	22
23	Enterprise systems™ life cycle in pursuit of resilient smart factory for emerging aircraft industry: a synthesis of Critical Success Factors™(CSFs), theory, knowledge gaps, and implications. <i>Enterprise Information Systems</i> , 2018, 12, 96-136.	3.3	21
24	Implementation of Circular Economy principles in PSS operations. <i>Procedia CIRP</i> , 2018, 73, 124-129.	1.0	21
25	Applying performance measures to support decision-making in supply chain operations: a case of beverage industry. <i>International Journal of Production Research</i> , 2016, 54, 2345-2365.	4.9	20
26	Defining value creation in the context of circular PSS. <i>Procedia CIRP</i> , 2018, 73, 142-147.	1.0	19
27	The Dynamics of Sustainability Risks in the Global Coffee Supply Chain: A Case of Indonesia™UK. <i>Sustainability</i> , 2021, 13, 589.	1.6	19
28	An integrated shipment planning and storage capacity decision under uncertainty. <i>International Journal of Physical Distribution and Logistics Management</i> , 2015, 45, 913-937.	4.4	18
29	Supporting shop floor workers with a multimedia task-oriented information system. <i>Computers in Industry</i> , 2009, 60, 257-265.	5.7	17
30	A decision support tool to facilitate the design of cellular manufacturing layouts. <i>Computers and Industrial Engineering</i> , 2007, 52, 380-403.	3.4	16
31	A PESTLE Policy Mapping and Stakeholder Analysis of Indonesia™s Fossil Fuel Energy Industry. <i>Energies</i> , 2018, 11, 1272.	1.6	16
32	An interactive electronic technical manual for an advanced aerospace assembly machine. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 33, 1045-1055.	1.5	15
33	Demystifying the digital transition of remanufacturing: A systematic review of literature. <i>Computers in Industry</i> , 2022, 134, 103567.	5.7	14
34	Unfolding the Impacts of a Prolonged COVID-19 Pandemic on the Sustainability of Culinary Tourism: Some Insights from Micro and Small Street Food Vendors. <i>Sustainability</i> , 2022, 14, 497.	1.6	13
35	Configurational conditions and Sustained Competitive Advantage: A fsQCA approach. <i>Long Range Planning</i> , 2022, 55, 102131.	2.9	12
36	Extending the decision-making capabilities in remanufacturing service contracts by using symbiotic simulation. <i>Computers in Industry</i> , 2019, 111, 26-40.	5.7	11

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37	Performance Factors for Successful Business Incubators in Indonesian Public Universities. International Journal of Technology, 2020, 11, 155.	0.4	11
38	Product-service system design concept development based on product and service integration. Journal of Design Research, 2015, 13, 1.	0.1	10
39	Designing Contracts for Aero-engine MRO Service Providers: Models and Simulation. Procedia CIRP, 2017, 59, 246-251.	1.0	10
40	&lt;p&gt;Patient Safety Incident Reporting In Indonesia: An Analysis Using World Health Organization Characteristics For Successful Reporting&lt;/p&gt;. Risk Management and Healthcare Policy, 2019, Volume 12, 331-338.	1.2	10
41	Circular economy adoption in the aquafeed manufacturing industry. Procedia CIRP, 2020, 90, 43-48.	1.0	10
42	Open Innovation and Sustainable Development through Industry-Academia Collaboration: A Case Study of Automotive Sector. Procedia Manufacturing, 2020, 51, 1773-1778.	1.9	10
43	Reverse Logistics Performance Indicators for the Construction Sector: A Building Project Case. Sustainability, 2022, 14, 963.	1.6	10
44	Antecedent Factors of Green Purchasing Behavior: Learning Experiences, Social Cognitive Factors, and Green Marketing. Frontiers in Psychology, 2021, 12, 777531.	1.1	10
45	The impacts of safety on sustainable production performance in the chemical industry: A systematic review of literature and conceptual framework. Journal of Cleaner Production, 2022, 366, 132876.	4.6	10
46	Practical approach to experimentation in a simulation study. , 2008, , .		9
47	Harnessing prognostics health management and productâ€service systems interaction to support operational decisions. Journal of Manufacturing Technology Management, 2012, 24, 78-94.	3.3	9
48	Linking symbiotic simulation to enterprise systems: Framework and applications. , 2015, , .		8
49	Simulation-Based Decision Support System to Improve Material Flow of a Textile Company. Sustainability, 2021, 13, 2947.	1.6	8
50	Improving internal logistics of a bus manufacturing using the lean techniques. International Journal of Productivity and Performance Management, 2021, 70, 1930-1951.	2.2	8
51	Towards an Integrated Decision Making Framework for Aero Engine MRO Contract Management in the Productisation Context. Procedia CIRP, 2016, 47, 24-29.	1.0	7
52	Scrutinising the interplay between governance and resilience in supply chain management: A systems thinking framework. European Management Journal, 2023, 41, 164-180.	3.1	7
53	Combatting medical plastic waste through visual elicitation: Insights from healthcare professionals. Journal of Cleaner Production, 2021, 329, 129650.	4.6	7
54	Business model innovation themes of emerging market enterprises: Evidence in China. Journal of Business Research, 2022, 139, 1619-1630.	5.8	7

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55	Simulation of a Closed-Loops Assembly Line. <i>Key Engineering Materials</i> , 0, 502, 127-132.	0.4	6
56	Exploring Circular Economy in the Hospitality Industry. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 953-960.	0.3	6
57	Unearthing the Dynamics of Indonesiaâ€™s Geothermal Energy Development. <i>Energies</i> , 2022, 15, 5009.	1.6	6
58	State of the art in Through-life Engineering Services. <i>Computers in Industry</i> , 2018, 103, 111-131.	5.7	5
59	Stakeholdersâ€™ Recount on the Dynamics of Indonesiaâ€™s Renewable Energy Sector. <i>Energies</i> , 2021, 14, 2762.	1.6	5
60	Heuristic rules-based logic cell formation algorithm. <i>International Journal of Production Research</i> , 2008, 46, 321-344.	4.9	3
61	Simulation study for investment decisions on the EcoBoost camshaft machining line. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2011, 225, 2124-2137.	1.5	3
62	Evaluation of the changes in working limits in an automobile assembly line using simulation. , 2012, , .		3
63	An online simulation to link asset condition monitoring and operations decisions in through-life engineering services. , 2013, , .		3
64	Key Factors on Green Product Development: Influence of Multiple Elements. <i>Innovation, Technology and Knowledge Management</i> , 2016, , 75-90.	0.4	3
65	Game Theory Approach to Product Service Systems. <i>Procedia CIRP</i> , 2018, 73, 304-309.	1.0	3
66	Integrated Information System for Early Detection of Maternal Risk Factors Based on Continuum of Care Approach of Mother and Toddler Cohorts. <i>Healthcare Informatics Research</i> , 2019, 25, 153.	1.0	3
67	A conceptual framework for a dyadic supplier-customer co-innovation of bioplastic packaging. <i>Procedia CIRP</i> , 2020, 90, 339-343.	1.0	3
68	Simulation Modelling of Product-Service Systems: the Missing Link. , 2010, , 135-138.		3
69	Final Framework for a Successful Business Incubator for Indonesian Public Universities. <i>Advances in E-Business Research Series</i> , 2020, , 70-98.	0.2	3
70	Survival strategies of traditional retailers during the COVID-19 pandemic: Some insights from a developing country. <i>Journal of Industrial Engineering and Management</i> , 2022, 15, 185.	1.0	3
71	Iterative knowledge based code generator for IEC 61499 function block. , 2009, , .		2
72	Drivers and Barriers of Mobile Phone Remanufacturing Business in Indonesia: Perspectives of Retailers. <i>E3S Web of Conferences</i> , 2019, 130, 01006.	0.2	2

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73	The Adoption of Circular Economy Principles in the Hotel Industry. GATR Journal of Business and Economics Review, 2021, 6, 92-97.	0.1	2
74	Understanding CRM Implementation in SMEs. , 0, , .		2
75	Using collaborative authoring to develop a hypermedia performance support system. Performance Improvement, 2002, 41, 34-41.	0.4	1
76	A rapid configurable embedded development framework. , 2007, , .		1
77	Assembly line design principles using Six Sigma and simulation. , 2009, , .		1
78	Production Planning and Control in an Automobile Closed-Loops Assembly Line. Key Engineering Materials, 2012, 502, 103-108.	0.4	1
79	Enhancing Regional Produce as Green Products for the Global Market: An Exploratory Study in a Portuguese Region. International Journal of Social Ecology and Sustainable Development, 2017, 8, 100-113.	0.1	1
80	Measuring the sustainability of beef supply chain with rapid appraisal for beef supply chain. Veterinary World, 2021, 14, 2488-2507.	0.7	1
81	Modeling a Complex Production Line Using Virtual Cells. Lecture Notes in Electrical Engineering, 2013, , 361-373.	0.3	1
82	Simulation study for investment decisions on the EcoBoost camshaft machining line. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2011, 225, 2124-2137.	1.5	1
83	Automation objects for Product Service System enabler device. , 2008, , .		0
84	An IEC 61499 based run-to-run controller for chemical mechanical planarization process. , 2008, , .		0
85	Verifying the design of a cellular manufacturing system. , 2008, , .		0
86	Rapid simulation model building through classification of problems: A case of manufacturing assembly lines. , 2011, , .		0
87	Simulation modeling of tool delivery system in a machining line. , 2011, , .		0
88	Analysis of number of fruit loss in the fruit distribution process: Case study of banana fruit. AIP Conference Proceedings, 2020, , .	0.3	0
89	The New Social Economy in Indonesia: Features, Recent Development and Challenges. Nonprofit and Civil Society Studies, 2021, , 73-94.	0.2	0
90	Iterative Knowledge Based Embedded Systems Development Framework. , 2011, , 542-566.		0

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91	Understanding Critical Factors and Antecedents in Indonesian Small Dairy Industries. , 0, , .		0
92	Circular Economy Adoption in the Hotel Industry in Indonesia. , 2020, 11, 111-111.		0
93	The Social, Economic, and Environmental Dimensions of Hotel Sustainability. Advances in Business Strategy and Competitive Advantage Book Series, 2020, , 187-204.	0.2	0