

Huai-Wei Lo

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,424
citations

394286

19
h-index

345118

36
g-index

43
all docs

43
docs citations

43
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated model for solving problems in green supplier selection and order allocation. <i>Journal of Cleaner Production</i> , 2018, 190, 339-352.	4.6	206
2	A novel multiple-criteria decision-making-based FMEA model for risk assessment. <i>Applied Soft Computing Journal</i> , 2018, 73, 684-696.	4.1	158
3	A novel failure mode and effect analysis model for machine tool risk analysis. <i>Reliability Engineering and System Safety</i> , 2019, 183, 173-183.	5.1	125
4	A hybrid MCDM and sustainability-balanced scorecard model to establish sustainable performance evaluation for international airports. <i>Journal of Air Transport Management</i> , 2018, 71, 9-19.	2.4	102
5	A hybrid MCDM-based FMEA model for identification of critical failure modes in manufacturing. <i>Soft Computing</i> , 2020, 24, 15733-15745.	2.1	71
6	Application of an MCDM model with data mining techniques for green supplier evaluation and selection. <i>Applied Soft Computing Journal</i> , 2021, 109, 107534.	4.1	52
7	A Novel FMEA Model Based on Rough BWM and Rough TOPSIS-AL for Risk Assessment. <i>Mathematics</i> , 2019, 7, 874.	1.1	51
8	Establishing a Sustainable Sports Tourism Evaluation Framework with a Hybrid Multi-Criteria Decision-Making Model to Explore Potential Sports Tourism Attractions in Taiwan. <i>Sustainability</i> , 2020, 12, 1673.	1.6	51
9	Using a hybrid method for evaluating and improving the service quality of public bike-sharing systems. <i>Journal of Cleaner Production</i> , 2018, 202, 1131-1144.	4.6	48
10	A group decision-making approach for exploring trends in the development of the healthcare industry in Taiwan. <i>Decision Support Systems</i> , 2021, 141, 113447.	3.5	46
11	An integrated model for selecting suppliers on the basis of sustainability innovation. <i>Journal of Cleaner Production</i> , 2020, 277, 123261.	4.6	45
12	A Two-Stage MCDM Model for Exploring the Influential Relationships of Sustainable Sports Tourism Criteria in Taichung City. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2319.	1.2	40
13	A Combination of DEMATEL and BWM-Based ANP Methods for Exploring the Green Building Rating System in Taiwan. <i>Sustainability</i> , 2020, 12, 3216.	1.6	37
14	Fermatean fuzzy TOPSIS-based approach for occupational risk assessment in manufacturing. <i>Complex & Intelligent Systems</i> , 2021, 7, 2635-2653.	4.0	37
15	A hybrid decision-making model for sustainable supplier evaluation in electronics manufacturing. <i>Computers and Industrial Engineering</i> , 2021, 156, 107283.	3.4	34
16	Sustainable supplier evaluation and transportation planning in multi-level supply chain networks using multi-attribute- and multi-objective decision making. <i>Computers and Industrial Engineering</i> , 2021, 162, 107756.	3.4	27
17	Building an assessment model for measuring airport resilience. <i>Journal of Air Transport Management</i> , 2021, 95, 102101.	2.4	26
18	A Hybrid MCDM Model for Evaluating Strategic Alliance Partners in the Green Biopharmaceutical Industry. <i>Sustainability</i> , 2019, 11, 4065.	1.6	25

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19	Developing A Sustainable Urban-Environmental Quality Evaluation System in China Based on A Hybrid Model. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1434.	1.2	25
20	An ITARA-TOPSIS Based Integrated Assessment Model to Identify Potential Product and System Risks. <i>Mathematics</i> , 2021, 9, 239.	1.1	19
21	Comments on "Sustainable recycling partner selection using fuzzy DEMATEL-AEW-FVIKOR: A case study in small-and-medium enterprises" <i>Journal of Cleaner Production</i> , 2019, 228, 1011-1012.	4.6	17
22	A new soft computing approach for analyzing the influential relationships of critical infrastructures. <i>International Journal of Critical Infrastructure Protection</i> , 2020, 28, 100336.	2.9	17
23	Building a grey-based multi-criteria decision-making model for offshore wind farm site selection. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 43, 100935.	1.7	17
24	A hybrid model integrating FMEA and HFACS to assess the risk of inter-city bus accidents. <i>Complex & Intelligent Systems</i> , 2022, 8, 2451-2470.	4.0	17
25	A Rough-Fermatean DEMATEL Approach for Sustainable Development Evaluation for the Manufacturing Industry. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 3244-3264.	2.3	16
26	Building a Decision Dashboard for Improving Green Supply Chain Management. <i>International Journal of Information Technology and Decision Making</i> , 2018, 17, 1363-1398.	2.3	14
27	A Hybrid MCDM Model to Evaluate and Classify Outsourcing Providers in Manufacturing. <i>Symmetry</i> , 2020, 12, 1962.	1.1	14
28	Sustainable Sports Tourism Performance Assessment Using Grey-Based Hybrid Model. <i>Sustainability</i> , 2021, 13, 4214.	1.6	14
29	The Formulation of Epidemic Prevention Work of COVID-19 for Colleges and Universities: Priorities and Recommendations. <i>Sustainability</i> , 2021, 13, 2081.	1.6	10
30	A Failure Mode Assessment Model Based on Neutrosophic Logic for Switched-Mode Power Supply Risk Analysis. <i>Mathematics</i> , 2020, 8, 2145.	1.1	9
31	Exploring the mutual influence among the social innovation factors amid the COVID-19 pandemic. <i>Applied Soft Computing Journal</i> , 2022, 125, 109157.	4.1	9
32	Analyzing interrelationships among environmental sustainability innovation factors. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 1191-1207.	2.1	8
33	A Hybrid Model for Assessing the Performance of Medical Tourism: Integration of Bayesian BWM and Grey PROMETHEE-AL. <i>Journal of Function Spaces</i> , 2022, 2022, 1-15.	0.4	8
34	Comments on "Factors influencing medical tourism adoption in Malaysia: A DEMATEL-Fuzzy TOPSIS approach" <i>Computers and Industrial Engineering</i> , 2021, 157, 107333.	3.4	6
35	An Extended FMEA Model for Exploring the Potential Failure Modes: A Case Study of a Steam Turbine for a Nuclear Power Plant. <i>Complexity</i> , 2021, 2021, 1-13.	0.9	5
36	A Hybrid Z-Based MADM Model for the Evaluation of Urban Resilience. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-17.	0.6	4

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37	SOUTHEAST ASIAN NATIONSâ€™ REGIONAL COMPETITIVENESS: AN EXPLORATION THROUGH GREY RELATIONAL ANALYSIS. <i>Technological and Economic Development of Economy</i> , 2022, 28, 1287-1312.	2.3	4
38	Sustainable Strategic Alliance Partner Selection Using a Neutrosophic-Based Decision-Making Model: A Case Study in Passive Component Manufacturing. <i>Complexity</i> , 2022, 2022, 1-18.	0.9	3
39	A Hybrid Model for Aircraft Type Determination Following Flight Cancellation. <i>International Journal of Information Technology and Decision Making</i> , 2018, 17, 1147-1172.	2.3	2
40	Interactive portfolio optimization model based on rough fundamental analysis and rational fuzzy constraints. <i>Applied Soft Computing Journal</i> , 2022, 125, 109158.	4.1	2
41	Comments on "Hybrid decision-making method for assessing interdependency and priority of critical infrastructure". <i>International Journal of Disaster Risk Reduction</i> , 2020, 45, 101470.	1.8	0