

# Chia-Nan Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156 papers	1,243 citations	18 h-index	24 g-index
189 ext. papers	1,796 ext. citations	2.7 avg, IF	5.77 L-index

#	Paper	IF	Citations
156	Strategic Environmental Assessment of Land Transportation: An Application of DEA with Undesirable Output Approach. <i>Sustainability</i> , <b>2022</b> , 14, 972	3.6	2
155	An investigation into Magnetic Properties, Sintering Shrinkage Characteristics and Formability of Isotropic Barium ferrite permanent Magnets. <i>IEEE Transactions on Magnetism</i> , <b>2022</b> , 1-1	2	
154	Sustainable Integrated Fuzzy Optimization for Multimodal Petroleum Supply Chain Design with Pipeline System: The Case Study of Vietnam. <i>Axioms</i> , <b>2022</b> , 11, 60	1.6	2
153	Output Targeting and Runway Utilization of Major International Airports: A Comparative Analysis Using DEA. <i>Mathematics</i> , <b>2022</b> , 10, 551	2.3	2
152	A combined Data Envelopment Analysis (DEA) and Grey Based Multiple Criteria Decision Making (G-MCDM) for solar PV power plants site selection: A case study in Vietnam. <i>Energy Reports</i> , <b>2022</b> , 8, 1124-1142	4.6	14
151	Simulation-Based Optimized Weighting TODIM Decision-Making Approach for National Oil Company Global Benchmarking. <i>IEEE Transactions on Engineering Management</i> , <b>2022</b> , 1-15	2.6	4
150	Selection of Cold Chain Logistics Service Providers Based on a Grey AHP and Grey COPRAS Framework: A Case Study in Vietnam. <i>Axioms</i> , <b>2022</b> , 11, 154	1.6	3
149	Offshore wind power station (OWPS) site selection using a two-stage MCDM-based spherical fuzzy set approach.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4260	4.9	3
148	A novel quantitative and qualitative model for forecasting the navigational risks of Maritime Autonomous Surface Ships. <i>Ocean Engineering</i> , <b>2022</b> , 248, 110852	3.9	2
147	Supporting Luxury Hotel Recovered in Times of COVID-19 by Applying TRIZ Method: A Case Study in Taiwan. <i>Systems</i> , <b>2022</b> , 10, 33	3	1
146	Fuzzy Multi Criteria Decision Making Model for Agritourism Location Selection: A Case Study in Vietnam. <i>Axioms</i> , <b>2022</b> , 11, 176	1.6	1
145	Integrating Triple Bottom Line in Sustainable Chemical Supplier Selection: A Compromise Decision-Making-Based Spherical Fuzzy Approach. <i>Processes</i> , <b>2022</b> , 10, 889	2.9	3
144	A Two-Stage DEA Approach to Measure Operational Efficiency in Vietnam's Port Industry. <i>Mathematics</i> , <b>2022</b> , 10, 1385	2.3	4
143	Measuring Road Transport Sustainability Using MCDM-Based Entropy Objective Weighting Method. <i>Symmetry</i> , <b>2022</b> , 14, 1033	2.7	2
142	Evaluating Interventions in Response to COVID-19 Outbreak by Multiple-Criteria Decision-Making Models. <i>Systems</i> , <b>2022</b> , 10, 68	3	2
141	Simulation-Based Optimization Integrated Multiple Criteria Decision-Making Framework for Wave Energy Site Selection: A Case Study of Australia. <i>IEEE Access</i> , <b>2021</b> , 9, 167458-167476	3.5	6
140	Critical factors affecting the introduction of mobile payment tools by microretailers. <i>Technological Forecasting and Social Change</i> , <b>2021</b> , 121319	9.5	0

139	Effective Decision Making: Data Envelopment Analysis for Efficiency Evaluation in the Cloud Computing Marketplaces. <i>Axioms</i> , <b>2021</b> , 10, 309	1.6	1
138	Adaptive Multiple Layer Retinex-Enabled Color Face Enhancement for Deep Learning-Based Recognition. <i>IEEE Access</i> , <b>2021</b> , 9, 168216-168235	3.5	
137	. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-11	2.6	4
136	Evaluating Sustainable Last-Mile Delivery (LMD) in B2C E-Commerce Using Two-Stage Fuzzy MCDM Approach: A Case Study From Vietnam. <i>IEEE Access</i> , <b>2021</b> , 9, 146050-146067	3.5	12
135	Optimal Design for Compliant Mechanism Flexure Hinges: Bridge-Type. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	7
134	Multi-Layer Fuzzy Sustainable Decision Approach for Outsourcing Manufacturer Selection in Apparel and Textile Supply Chain. <i>Axioms</i> , <b>2021</b> , 10, 262	1.6	3
133	The Selection of Strategic Alliance in IC Packaging and Testing Industry with DEA Resampling Comparative Evaluation. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 204	2.6	1
132	Integrating the EBM Model and LTS(A,A,A) Model to Evaluate the Efficiency in the Supply Chain of Packaging Industry in Vietnam. <i>Axioms</i> , <b>2021</b> , 10, 33	1.6	2
131	Efficiency Assessment of Seaport Terminal Operators Using DEA Malmquist and Epsilon-Based Measure Models. <i>Axioms</i> , <b>2021</b> , 10, 48	1.6	13
130	Outsourcing Reverse Logistics for E-Commerce Retailers: A Two-Stage Fuzzy Optimization Approach. <i>Axioms</i> , <b>2021</b> , 10, 34	1.6	21
129	Evaluation of Wave Energy Location by Using an Integrated MCDM Approach. <i>Energies</i> , <b>2021</b> , 14, 1840	3.1	2
128	A Compromised Decision-Making Approach to Third-Party Logistics Selection in Sustainable Supply Chain Using Fuzzy AHP and Fuzzy VIKOR Methods. <i>Mathematics</i> , <b>2021</b> , 9, 886	2.3	27
127	An integrated forecasting model for the coffee bean supply chain. <i>Applied Economics</i> , <b>2021</b> , 53, 3321-3333	3.6	0
126	Scheduling of collaborative operations of yard cranes and yard trucks for export containers using hybrid approaches. <i>Advanced Engineering Informatics</i> , <b>2021</b> , 48, 101292	7.4	4
125	Environmental Efficiency Evaluation in the Top Asian Economies: An Application of DEA. <i>Mathematics</i> , <b>2021</b> , 9, 889	2.3	7
124	A Multicriteria Decision-Making Model for the Selection of Suitable Renewable Energy Sources. <i>Mathematics</i> , <b>2021</b> , 9, 1318	2.3	5
123	A Decision Support Model for Measuring Technological Progress and Productivity Growth: The Case of Commercial Banks in Vietnam. <i>Axioms</i> , <b>2021</b> , 10, 131	1.6	4
122	Sustainability in the Business Sector: A Fuzzy Multicriteria Decision-Making Model for Financial Leasing Company Selection of the Vietnamese SMEs. <i>SAGE Open</i> , <b>2021</b> , 11, 215824402110360	1.5	2

121	Improve Chip Side Wall Crack Issue in Nanometer Packing Process of Semiconductor. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2021</b> , 11, 173-180	1.7	2
120	The performance evaluation for government projects. <i>Asia Pacific Management Review</i> , <b>2021</b> , 26, 59-66	2.8	
119	A Two-Stage Multiple Criteria Decision Making for Site Selection of Solar Photovoltaic (PV) Power Plant: A Case Study in Taiwan. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	14
118	Improvement of the Welding Process for Fillet Air Test for the Biggest Taiwan Shipyard. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 80	2.4	1
117	Analyzing Operational Efficiency in Real Estate Companies: An Application of GM (1,1) and DEA Malmquist Model. <i>Mathematics</i> , <b>2021</b> , 9, 202	2.3	7
116	A Model for Selecting a Biomass Furnace Supplier Based on Qualitative and Quantitative Factors. <i>Computers, Materials and Continua</i> , <b>2021</b> , 69, 2339-2353	3.9	2
115	Location Optimization of Wind Plants Using DEA and Fuzzy Multi-Criteria Decision Making: A Case Study in Vietnam. <i>IEEE Access</i> , <b>2021</b> , 9, 116265-116285	3.5	8
114	A Hybrid Approach Combining Improved Shuffled Frog-Leaping Algorithm With Dynamic Programming for Disassembly Process Planning. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	0
113	Assessing Renewable Energy Production Capabilities Using DEA Window and Fuzzy TOPSIS Model. <i>Symmetry</i> , <b>2021</b> , 13, 334	2.7	30
112	Fuzzy Optimization Model for Decision-Making in Supply Chain Management. <i>Mathematics</i> , <b>2021</b> , 9, 312	2.3	1
111	Performance Evaluation of Fishery Enterprises Using Data Envelopment Analysis and Malmquist Model. <i>Mathematics</i> , <b>2021</b> , 9, 469	2.3	4
110	Multi-Objective Optimization Models for Sustainable Perishable Intermodal Multi-Product Networks with Delivery Time Window. <i>Mathematics</i> , <b>2021</b> , 9, 379	2.3	10
109	Multi-Criteria Decision-Making Methods in Fuzzy Decision Problems: A Case Study in the Frozen Shrimp Industry. <i>Symmetry</i> , <b>2021</b> , 13, 370	2.7	9
108	Stochastic Chebyshev Goal Programming Mixed Integer Linear Model for Sustainable Global Production Planning. <i>Mathematics</i> , <b>2021</b> , 9, 483	2.3	7
107	Noise and Work Reduction through Remodeling of Stern Tube Assembly in a Shipbuilding Process by Applying TRIZ Theory. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 1059	2.4	2
106	Joint Scheduling of Yard Crane, Yard Truck, and Quay Crane for Container Terminal Considering Vessel Stowage Plan: An Integrated Simulation-Based Optimization Approach. <i>Mathematics</i> , <b>2021</b> , 9, 2236	2.3	3
105	Analysis of energy efficiencies of in-port ferries and island passenger-ships and improvement policies to reduce CO emissions. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 172, 112826	6.7	1
104	Wavelet Subband-Based Tensor for Smartphone Physical Button Inspection. <i>IEEE Access</i> , <b>2021</b> , 9, 107399-107415	3.5	15

103	Supporting Better Decision-Making: A Combined Grey Model and Data Envelopment Analysis for Efficiency Evaluation in E-Commerce Marketplaces. <i>Sustainability</i> , <b>2020</b> , 12, 10385	3.6	23
102	Solving Order Planning Problem Using a Heuristic Approach: The Case in a Building Material Distributor. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 8959	2.6	10
101	Eco-Efficiency Assessment for Some European Countries Using Slacks-Based Measure Data Envelopment Analysis. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1760	2.6	9
100	Renewable Energy Utilization Analysis of Highly and Newly Industrialized Countries Using an Undesirable Output Model. <i>Energies</i> , <b>2020</b> , 13, 2629	3.1	10
99	Resources Planning for Container Terminal in a Maritime Supply Chain Using Multiple Particle Swarms Optimization (MPSO). <i>Mathematics</i> , <b>2020</b> , 8, 764	2.3	8
98	Using the optimization algorithm to evaluate and predict the business performance of logistics companies—case study in Vietnam. <i>Applied Economics</i> , <b>2020</b> , 52, 4196-4212	1.6	6
97	Strategic Alliance for Vietnam Domestic Real Estate Companies Using a Hybrid Approach Combining GM (1,1) with Super SBM DEA. <i>Sustainability</i> , <b>2020</b> , 12, 1891	3.6	2
96	An Evaluation Model of Quantitative and Qualitative Fuzzy Multi-Criteria Decision-Making Approach for Hydroelectric Plant Location Selection. <i>Energies</i> , <b>2020</b> , 13, 2783	3.1	34
95	Multi-Criteria Decision Model for the Selection of Suppliers in the Textile Industry. <i>Symmetry</i> , <b>2020</b> , 12, 979	2.7	13
94	Grey System Theory in the Study of Medical Tourism Industry and Its Economic Impact. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	14
93	Multi-Criteria Decision Making (MCDM) Model for Supplier Evaluation and Selection for Oil Production Projects in Vietnam. <i>Processes</i> , <b>2020</b> , 8, 134	2.9	16
92	Malmquist Productivity Analysis of Top Global Automobile Manufacturers. <i>Mathematics</i> , <b>2020</b> , 8, 580	2.3	3
91	An Analysis of Exhaust Emission of the Internal Combustion Engine Treated by the Non-Thermal Plasma. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
90	A Hybrid Fuzzy Analytic Hierarchy Process and the Technique for Order of Preference by Similarity to Ideal Solution Supplier Evaluation and Selection in the Food Processing Industry. <i>Symmetry</i> , <b>2020</b> , 12, 211	2.7	9
89	Transportation Optimization Models for Intermodal Networks with Fuzzy Node Capacity, Detour Factor, and Vehicle Utilization Constraints. <i>Mathematics</i> , <b>2020</b> , 8, 2109	2.3	8
88	A Computational Model for Determining Levels of Factors in Inventory Management Using Response Surface Methodology. <i>Mathematics</i> , <b>2020</b> , 8, 1210	2.3	12
87	A DEA Resampling Past-Present-Future Comparative Analysis of the Food and Beverage Industry: The Case Study on Thailand vs. Vietnam. <i>Mathematics</i> , <b>2020</b> , 8, 1140	2.3	3
86	Optimal Site Selection for a Solar Power Plant in the Mekong Delta Region of Vietnam. <i>Energies</i> , <b>2020</b> , 13, 4066	3.1	5

85	Effects of the Performance-Based Research Fund and Other Factors on the Efficiency of New Zealand Universities: A Malmquist Productivity Approach. <i>Sustainability</i> , <b>2020</b> , 12, 5939	3.6	5
84	The Study of a Multicriteria Decision Making Model for Wave Power Plant Location Selection in Vietnam. <i>Processes</i> , <b>2019</b> , 7, 650	2.9	10
83	Measuring Efficiency of Generating Electric Processes. <i>Processes</i> , <b>2019</b> , 7, 6	2.9	5
82	Performance Evaluation of Major Asian Airline Companies Using DEA Window Model and Grey Theory. <i>Sustainability</i> , <b>2019</b> , 11, 2701	3.6	13
81	A Hybrid GA with Variable Quay Crane Assignment for Solving Berth Allocation Problem and Quay Crane Assignment Problem Simultaneously. <i>Sustainability</i> , <b>2019</b> , 11, 2018	3.6	5
80	A Model for Optimizing Location Selection for Biomass Energy Power Plants. <i>Processes</i> , <b>2019</b> , 7, 353	2.9	13
79	Hydrogen Power Plant Site Selection Under Fuzzy Multicriteria Decision-Making (FMCDM) Environment Conditions. <i>Symmetry</i> , <b>2019</b> , 11, 596	2.7	10
78	Contamination Improvement of Touch Panel and Color Filter Production Processes of Lean Six Sigma. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1893	2.6	4
77	Fuzzy Multi-Criteria Decision-Making Model for Supplier Evaluation and Selection in a Wind Power Plant Project. <i>Mathematics</i> , <b>2019</b> , 7, 417	2.3	9
76	Using the Optimization Algorithm to Evaluate the Energetic Industry: A Case Study in Thailand. <i>Processes</i> , <b>2019</b> , 7, 87	2.9	4
75	Application of Multi-Criteria Decision-Making Model and GM (1,1) Theory for Evaluating Efficiency of FDI on Economic Growth: A Case Study in Developing Countries. <i>Sustainability</i> , <b>2019</b> , 11, 2389	3.6	7
74	The remaining time concept for dispatching on roller belt conveyor in 450-mm wafer fabrications. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 102, 3641-3655	3.2	3
73	Service Innovation Model of the Automobile Service Industry. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2403	2.6	3
72	A Fuzzy Multicriteria Decision-Making (MCDM) Model for Sustainable Supplier Evaluation and Selection Based on Triple Bottom Line Approaches in the Garment Industry. <i>Processes</i> , <b>2019</b> , 7, 400	2.9	19
71	Assessing Performance Efficiency of Information and Communication Technology Industry-Forecasting and Evaluating: The Case in Vietnam. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 3996	2.6	3
70	Fuzzy Multicriteria Decision-Making Model (MCDM) for Raw Materials Supplier Selection in Plastics Industry. <i>Mathematics</i> , <b>2019</b> , 7, 981	2.3	14
69	Assessing Bank Performance Using Dynamic SBM Model. <i>Mathematics</i> , <b>2019</b> , 7, 73	2.3	6
68	Energy Use Efficiency Past-to-Future Evaluation: An International Comparison. <i>Energies</i> , <b>2019</b> , 12, 3804	3.1	5

67	Applying Undesirable Output Model to Security Evaluation of Taiwan. <i>Mathematics</i> , <b>2019</b> , 7, 1023	2.3	4
66	Application of Optimization to Select Contractors to Develop Strategies and Policies for the Development of Transport Infrastructure. <i>Mathematics</i> , <b>2019</b> , 7, 98	2.3	4
65	A partner selection approach for strategic alliance in the global aerospace and defense industry. <i>Journal of Air Transport Management</i> , <b>2018</b> , 69, 190-204	5.1	10
64	Multi-Criteria Decision Making (MCDM) Approaches for Solar Power Plant Location Selection in Viet Nam. <i>Energies</i> , <b>2018</b> , 11, 1504	3.1	53
63	A Hybrid Fuzzy Analytic Network Process (FANP) and Data Envelopment Analysis (DEA) Approach for Supplier Evaluation and Selection in the Rice Supply Chain. <i>Symmetry</i> , <b>2018</b> , 10, 221	2.7	26
62	A Hybrid Fuzzy Analysis Network Process (FANP) and the Technique for Order of Preference by Similarity to Ideal Solution (TOPSIS) Approaches for Solid Waste to Energy Plant Location Selection in Vietnam. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1100	2.6	27
61	Measuring the Macroeconomic Performance among Developed Countries and Asian Developing Countries: Past, Present, and Future. <i>Sustainability</i> , <b>2018</b> , 10, 3664	3.6	11
60	Nuclear Power Plant Location Selection in Vietnam under Fuzzy Environment Conditions. <i>Symmetry</i> , <b>2018</b> , 10, 548	2.7	16
59	Estimating Relative Efficiency of Electricity Consumption in 42 Countries during the Period of 2008-2017. <i>Energies</i> , <b>2018</b> , 11, 3037	3.1	2
58	Integrating the Additive Seasonal Model and Super-SBM Model to Compute the Efficiency of Port Logistics Companies in Vietnam. <i>Sustainability</i> , <b>2018</b> , 10, 2782	3.6	6
57	A Multi-Criteria Decision Making (MCDM) for Renewable Energy Plants Location Selection in Vietnam under a Fuzzy Environment. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 2069	2.6	38
56	A Multi-Criteria Decision-Making (MCDM) Approach Using Hybrid SCOR Metrics, AHP, and TOPSIS for Supplier Evaluation and Selection in the Gas and Oil Industry. <i>Processes</i> , <b>2018</b> , 6, 252	2.9	19
55	A Study of Customers' Behavior in the Use of Pharmaceutical Services in Drugstores in the South of Vietnam. <i>Research in World Economy</i> , <b>2018</b> , 9, 1	0.4	
54	Sustainable Supplier Selection Process in Edible Oil Production by a Hybrid Fuzzy Analytical Hierarchy Process and Green Data Envelopment Analysis for the SMEs Food Processing Industry. <i>Mathematics</i> , <b>2018</b> , 6, 302	2.3	32
53	Applying EBM Model and Grey Forecasting to Assess Efficiency of Third-Party Logistics Providers. <i>Journal of Advanced Transportation</i> , <b>2018</b> , 2018, 1-14	1.9	7
52	The heuristic preemptive dispatching rule using stocker for conveyor-based material handling system of 450-mm wafer fabrication. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 88, 2179-2189	3.2	6
51	Partner Selection in Supply Chain of Vietnam's Textile and Apparel Industry: The Application of a Hybrid DEA and GM (1,1) Approach. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-16	1.1	11
50	Performance assessment for electronic manufacturing service providers using two-stage super-efficiency SBM model. <i>Applied Economics</i> , <b>2017</b> , 49, 1963-1980	1.6	5



49	The Integrated Approach for Sustainable Performance Evaluation in Value Chain of Vietnam Textile and Apparel Industry. <i>Sustainability</i> , <b>2017</b> , 9, 477	3.6	13
48	Optical Methods in Fingerprint Imaging for Medical and Personality Applications. <i>Sensors</i> , <b>2017</b> , 17,	3.8	5
47	An Integrated Approach to Evaluating and Selecting Green Logistics Providers for Sustainable Development. <i>Sustainability</i> , <b>2017</b> , 9, 218	3.6	16
46	Enhancing Urban Development Quality Based on the Results of Appraising Efficient Performance of InvestorsA Case Study in Vietnam. <i>Sustainability</i> , <b>2017</b> , 9, 1397	3.6	14
45	Using TRIZ to Improve the Procurement Process of Spare Parts in the Taiwan Navy. <i>Sustainability</i> , <b>2017</b> , 9, 1908	3.6	2
44	Modeling and Solving the Three Seaside Operational Problems Using an Object-Oriented and Timed Predicate/Transition Net. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 218	2.6	5
43	An Improved Dispatching Method (a-HPDB) for Automated Material Handling System with Active Rolling Belt for 450 mm Wafer Fabrication. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 780	2.6	3
42	The Efficiency Improvement by Combining HHO Gas, Coal and Oil in Boiler for Electricity Generation. <i>Energies</i> , <b>2017</b> , 10, 251	3.1	7
41	An Integrated Approach for Estimating the Energy Efficiency of Seventeen Countries. <i>Energies</i> , <b>2017</b> , 10, 1597	3.1	15
40	Using Rotacaster in the Heuristic Preemptive Dispatching Method for Conveyor-Based Material Handling of 450 mm Wafer Fabrication. <i>IEEE Transactions on Semiconductor Manufacturing</i> , <b>2016</b> , 1-1	2.6	1
39	<b>2016</b> ,		4
38	<b>2016</b> ,		1
37	Suppliers selection model in the Liquid-Crystal-Display industry <b>2016</b> , 877-881		1
36	Evaluating the Influence of Criteria to Attract Foreign Direct Investment (FDI) to Develop Supporting Industries in Vietnam by Utilizing Fuzzy Preference Relations. <i>Sustainability</i> , <b>2016</b> , 8, 447	3.6	5
35	Evaluating Performance of the DGM(2,1) Model and Its Modified Models. <i>Applied Sciences (Switzerland)</i> , <b>2016</b> , 6, 73	2.6	10
34	Automobile Industry Strategic Alliance Partner Selection: The Application of a Hybrid DEA and Grey Theory Model. <i>Sustainability</i> , <b>2016</b> , 8, 173	3.6	24
33	The Sustainable Improvement of Manufacturing for Nano-Titanium. <i>Sustainability</i> , <b>2016</b> , 8, 402	3.6	2
32	An Innovative Approach to Enhancing the Sustainable Development of Japanese Automobile Suppliers. <i>Sustainability</i> , <b>2016</b> , 8, 420	3.6	4



31	A Grey Forecasting Approach for the Sustainability Performance of Logistics Companies. <i>Sustainability</i> , <b>2016</b> , 8, 866	3.6	19
30	An Application of the Short-Term Forecasting with Limited Data in the Healthcare Traveling Industry. <i>Sustainability</i> , <b>2016</b> , 8, 1037	3.6	9
29	Applying Data Envelopment Analysis and Grey Model for the Productivity Evaluation of Vietnamese Agroforestry Industry. <i>Sustainability</i> , <b>2016</b> , 8, 1139	3.6	15
28	The heuristic preemptive dispatching method for convey-based automated material handling system of 450 mm wafer fabrication. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 96, 52-60	6.4	8
27	An Improved Grey Forecasting Models: Case in China's Coal Consumption Demand. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 544-553	0.9	
26	Predicting the Trend of Taiwan's Electronic Paper Industry by an Effective Combined Grey Model. <i>Sustainability</i> , <b>2015</b> , 7, 10664-10683	3.6	10
25	Integrated DEA models and grey system theory to evaluate past-to-future performance: a case of Indian electricity industry. <i>Scientific World Journal, The</i> , <b>2015</b> , 2015, 638710	2.2	20
24	Apply TRIZ to Improve the Molten Zinc Corrosion Tester in Steel Manufacturing. <i>Journal of Testing and Evaluation</i> , <b>2015</b> , 43, 20140149	1	1
23	Modelling of a PMSG Wind Turbine with Autonomous Control. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-9	1.1	18
22	Application of TRIZ to Improve the Material Handling and Productivity in a Screw-Packaging Factory. <i>Journal of Testing and Evaluation</i> , <b>2014</b> , 42, 20130078	1	1
21	Analyzing PSU's Performance: A Case from Ministry of Petroleum and Natural Gas of India. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-9	1.1	3
20	The heuristic preemptive dispatching method of material transportation system in 300 mm semiconductor fabrication. <i>Journal of Intelligent Manufacturing</i> , <b>2012</b> , 23, 2047-2056	6.7	18
19	<b>2012,</b>		1
18	Image Sampling for Invariant Face Recognition <b>2012,</b>		1
17	A candidates selection approach for district alliance of university incubators. <i>Quality and Quantity</i> , <b>2011</b> , 45, 769-781	2.4	3
16	Evaluating the manufacturing capability of a lithographic area by using a novel vague GERT. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 923-932	7.8	13
15	Enhancing Repair Service Quality of Mobile Phones by the TRIZ Method. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 468-481	0.9	0
14	Discuss and Analyze by AHP Techniques the KSF of Managing the NMMBA under the BOT Model. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 444-456	0.9	

13	Exploring EFL Taiwanese University Students' Perceptions of a Collaborative CALL Environment. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 421-432	0.9	2
12	Three-step approach for wafer sawing lane inspection. <i>Optical Engineering</i> , <b>2009</b> , 48, 117204	1.1	4
11	Evaluate the Potential Suppliers' Performance Based on Heuristic Algorithm and Malmquist Model: Cased by IC Packaging and Testing Industry of Taiwan <b>2009</b> ,		1
10	An Approach on Alliance for Online Game Industry <b>2008</b> ,		1
9	A Decision Making Approach on Strategic Alliance of Photovoltaic Industry Based on DEA and GM <b>2008</b> ,		1
8	GM (1, 1) and DEA Application Model for Strategic Alliance in Taiwan <b>2008</b> ,		1
7	A simulated model for cycle time reduction by acquiring optimal lot size in semiconductor manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2007</b> , 34, 1008-1015	3.2	24
6	Differentiated preemptive dispatching for automatic materials handling services in 300 mm semiconductor foundry. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2006</b> , 29, 890-896	3.2	25
5	Modularized simulation for lot delivery time forecast in automatic material handling systems of 300 mm semiconductor manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2005</b> , 26, 645-652	3.2	6
4	Preemptive priority policy for hot lots transport services in 300mm semiconductor foundry. <i>Journal of Information and Optimization Sciences</i> , <b>2004</b> , 25, 473-489	1.1	
3	Neural-network-based delivery time estimates for prioritized 300-mm automatic material handling operations. <i>IEEE Transactions on Semiconductor Manufacturing</i> , <b>2004</b> , 17, 324-332	2.6	20
2	Effective OHT dispatching for differentiated material handling services in 300mm wafer foundry		3
1	Evaluating the sustainability of hotels using multi-criteria decision-making methods. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 1-11	0.9	1