

# Chi-Yo Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

826  
citations

623699

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526264

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44  
all docs

44  
docs citations

44  
times ranked

640  
citing authors

#	ARTICLE	IF	CITATIONS
1	A BitTorrent Mechanism-Based Solution for Massive System Deployment. IEEE Access, 2021, 9, 21043-21058.	4.2	1
2	Using Social Media Mining and PLS-SEM to Examine the Causal Relationship between Public Environmental Concerns and Adaptation Strategies. International Journal of Environmental Research and Public Health, 2021, 18, 5270.	2.6	11
3	A Novel Framework for Mining Social Media Data Based on Text Mining, Topic Modeling, Random Forest, and DANP Methods. Mathematics, 2021, 9, 2041.	2.2	4
4	A DANP-Based NDEA-MOP Approach to Evaluating the Patent Commercialization Performance of Industryâ€™Academic Collaborations. Mathematics, 2021, 9, 2280.	2.2	4
5	A Fuzzy-MOP-Based Competence Set Expansion Method for Technology Roadmap Definitions. Mathematics, 2021, 9, 135.	2.2	3
6	A Novel Analytic Framework of Technology Mining Using the Main Path Analysis and the Decision-Making Trial and Evaluation Laboratory-Based Analytic Network Process. Mathematics, 2021, 9, 2448.	2.2	3
7	A Derivation of Factors Influencing the Diffusion and Adoption of an Open Source Learning Platform. Sustainability, 2020, 12, 7532.	3.2	21
8	Predicting Primary Energy Consumption Using Hybrid ARIMA and GA-SVR Based on EEMD Decomposition. Mathematics, 2020, 8, 1722.	2.2	21
9	Evaluating the Investment Projects of Spinal Medical Device Firms Using the Real Option and DANP-mV Based MCDM Methods. International Journal of Environmental Research and Public Health, 2020, 17, 3335.	2.6	9
10	Strategies for Heterogeneous R&D Alliances of In Vitro Diagnostics Firms in Rapidly Catching-Up Economies. International Journal of Environmental Research and Public Health, 2020, 17, 3688.	2.6	6
11	An Integrated Detection Circuit for Transmission Coefficients. IEEE Access, 2020, 8, 237-252.	4.2	2
12	A Fuzzy MOP Based Competence Set Expansion Method for Technology Roadmap Definitions. Frontiers in Artificial Intelligence and Applications, 2020, , .	0.3	1
13	Evaluating the Performance of Systemic Innovation Problems of the IoT in Manufacturing Industries by Novel MCDM Methods. Sustainability, 2019, 11, 4970.	3.2	14
14	An Exploration and Confirmation of the Factors Influencing Adoption of IoT-Based Wearable Fitness Trackers. International Journal of Environmental Research and Public Health, 2019, 16, 3227.	2.6	45
15	Systemic Functions Evaluation based Technological Innovation System for the Sustainability of IoT in the Manufacturing Industry. Sustainability, 2019, 11, 2342.	3.2	25
16	A Novel Massive Deployment Solution Based on the Peer-to-Peer Protocol. Applied Sciences (Switzerland), 2019, 9, 296.	2.5	5
17	Evaluation and Selection of Materials for Particulate Matter MEMS Sensors by Using Hybrid MCDM Methods. Sustainability, 2018, 10, 3451.	3.2	10
18	A Derivation of Factors Influencing the Innovation Diffusion of the OpenStreetMap in STEM Education. Sustainability, 2018, 10, 3447.	3.2	19

#	ARTICLE	IF	CITATIONS
19	Developing a Professional Performance Evaluation System for Pre-Service Automobile Repair Vocational High School Teachers in Taiwan. Sustainability, 2018, 10, 3537.	3.2	4
20	The Design and Implementation of a Novel Open Source Massive Deployment System. Applied Sciences (Switzerland), 2018, 8, 965.	2.5	2
21	A Derivation of Factors Influencing the Successful Integration of Corporate Volunteers into Public Flood Disaster Inquiry and Notification Systems. Sustainability, 2018, 10, 1973.	3.2	16
22	A TOE Approach to Establish a Green Supply Chain Adoption Decision Model in the Semiconductor Industry. Sustainability, 2016, 8, 168.	3.2	80
23	Evaluating the electronic service quality of group buying websites by using the DEMATEL based network process. , 2016, , .		0
24	UTAUT2 based predictions of factors influencing the acceptance of optical translation measurement devices based on the lead user theory. , 2016, , .		0
25	Determinants and their causal relationships affecting the adoption of cloud computing in science and technology institutions. Innovation: Management, Policy and Practice, 2016, 18, 164-190.	3.9	25
26	A study on developing a professional performance checking system for pre-service teachers of vocational high schools in Taiwan. , 2016, , .		0
27	Key Determinant Derivations for Information Technology Disaster Recovery Site Selection by the Multi-Criterion Decision Making Method. Sustainability, 2015, 7, 6149-6188.	3.2	27
28	Combined DEMATEL technique with hybrid MCDM methods for creating the aspired intelligent global manufacturing & logistics systems. Annals of Operations Research, 2012, 197, 159-190.	4.1	122
29	The Fuzzy DNP based TAM3 for analyzing the factors influencing the acceptance of PadFones. , 2012, , .		3
30	Derivations of factors influencing the word-of-mouth marketing strategies for smart phone applications by using the Fuzzy DEMATEL based Network Process. , 2012, , .		4
31	The non-additive Choquet integration in the Fuzzy DNP framework for evaluating Co-dependent technology transfer models. , 2012, , .		1
32	The fuzzy DEMATEL based impact derivations for integrated marketing communications on the high-technology brands. , 2012, , .		2
33	A comparison of Fuzzy DNP and SEM in analyzing novel mobile learning technology acceptances by learners. , 2012, , .		1
34	Forecasting the Global Photovoltaic Market by Using the GM(1,1) Grey Forecasting Method. , 2011, , .		0
35	Defing the VET Policy Instruments for Developing the National Innovation System of Fuel Cell Technologies. , 2011, , .		2
36	Short Term Wind Speed Predictions by Using the Grey Prediction Model Based Forecast Method. , 2011, , .		16

#	ARTICLE	IF	CITATIONS
37	System on chip design service e-business value maximization through a novel MCDM framework. Expert Systems With Applications, 2011, 38, 7947-7962.	7.6	29
38	Value driver derivations for embedded memories by fuzzy DEMATEL based hybrid MCDM methods. , 2011, , .		1
39	Capabilities-Driven Curriculum Design for Hydrogen and Fuel Cell Technologies. , 2011, , .		1
40	Enhancing the performance of a SOC design service firm by using a novel DANP based MCDM framework on the Balanced Scorecard. , 2010, , .		1
41	Reconfiguring the innovation policy portfolio for developing the Taiwanese digital home electronics industry by hybrid MCDM methods. , 2010, , .		0
42	Selecting a CMOS sensor by using a fuzzy MCDM framework. , 2010, , .		0
43	Multiple generation product life cycle predictions using a novel two-stage fuzzy piecewise regression analysis method. Technological Forecasting and Social Change, 2008, 75, 12-31.	11.6	44
44	Reconfiguring the innovation policy portfolios for Taiwan's SIP Mall industry. Technovation, 2007, 27, 744-765.	7.8	241