

Mu-Yen Chen

List of Publications by Citations

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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.

70 papers	1,438 citations	18 h-index	36 g-index
87 ext. papers	1,850 ext. citations	4.3 avg, IF	5.89 L-index

#	Paper	IF	Citations
70	A Software Defined Fog Node Based Distributed Blockchain Cloud Architecture for IoT. <i>IEEE Access</i> , 2018 , 6, 115-124	3.5	373
69	A hybrid fuzzy time series model based on granular computing for stock price forecasting. <i>Information Sciences</i> , 2015 , 294, 227-241	7.7	144
68	A hybrid ANFIS model for business failure prediction utilizing particle swarm optimization and subtractive clustering. <i>Information Sciences</i> , 2013 , 220, 180-195	7.7	135
67	Predicting corporate financial distress based on integration of decision tree classification and logistic regression. <i>Expert Systems With Applications</i> , 2011 , 38, 11261-11272	7.8	110
66	Wavelet-Based EEG Processing for Epilepsy Detection Using Fuzzy Entropy and Associative Petri Net. <i>IEEE Access</i> , 2019 , 7, 103255-103262	3.5	78
65	Bankruptcy prediction in firms with statistical and intelligent techniques and a comparison of evolutionary computation approaches. <i>Computers and Mathematics With Applications</i> , 2011 , 62, 4514-4527	3.7	63
64	Do virtual reality head-mounted displays make a difference? A comparison of presence and self-efficacy between head-mounted displays and desktop computer-facilitated virtual environments. <i>Virtual Reality</i> , 2019 , 23, 437-446	6	55
63	Coupling and Coordination Development of Australian Energy, Economy, and Ecological Environment Systems from 2007 to 2016. <i>Sustainability</i> , 2019 , 11, 6568	3.6	36
62	Deep Learning Methods in Internet of Medical Things for Valvular Heart Disease Screening System. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	24
61	How do we inspire people to contact aboriginal culture with Web2.0 technology?. <i>Computers and Education</i> , 2015 , 86, 71-83	9.5	21
60	Exploration of social media for sentiment analysis using deep learning. <i>Soft Computing</i> , 2020 , 24, 8187-8197	3.9	21
59	Modeling public mood and emotion: Stock market trend prediction with anticipatory computing approach. <i>Computers in Human Behavior</i> , 2019 , 101, 402-408	7.7	20
58	Visualization and dynamic evaluation model of corporate financial structure with self-organizing map and support vector regression. <i>Applied Soft Computing Journal</i> , 2012 , 12, 2274-2288	7.5	20
57	DESIGN OF EXPERIMENTS ON NEURAL NETWORK'S PARAMETERS OPTIMIZATION FOR TIME SERIES FORECASTING IN STOCK MARKETS. <i>Neural Network World</i> , 2013 , 23, 369-393	2.9	20
56	Constructing the lie detection system with fuzzy reasoning approach. <i>Granular Computing</i> , 2018 , 3, 169-176	1.7	19
55	International transmission of stock market movements: an adaptive neuro-fuzzy inference system for analysis of TAIEX forecasting. <i>Neural Computing and Applications</i> , 2013 , 23, 369-378	4.8	18
54	Prediction of corporate financial distress: an application of the America banking industry. <i>Neural Computing and Applications</i> , 2012 , 21, 1687-1696	4.8	18

53	Modeling public mood and emotion: Blog and news sentiment and socio-economic phenomena. <i>Future Generation Computer Systems</i> , 2019 , 96, 692-699	7.5	18
52	Applying fuzzy petri nets for evaluating the impact of bedtime behaviors on sleep quality. <i>Granular Computing</i> , 2018 , 3, 321-332	5.4	14
51	Picture fuzzy time series: Defining, modeling and creating a new forecasting method. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 88, 103367	7.2	13
50	Why Customers Don't Revisit in Tourism and Hospitality Industry?. <i>IEEE Access</i> , 2019 , 7, 146588-146606	3.5	11
49	The human-like intelligence with bio-inspired computing approach for credit ratings prediction. <i>Neurocomputing</i> , 2018 , 279, 11-18	5.4	11
48	Understanding the behavioral intention to play Austronesian learning games: from the perspectives of learning outcome, service quality, and hedonic value. <i>Interactive Learning Environments</i> , 2018 , 26, 372-385	3.1	10
47	Recognizing important factors of influencing trust in O2O models: an example of OpenTable. <i>Soft Computing</i> , 2020 , 24, 7907-7923	3.5	10
46	Recurrent neural network with attention mechanism for language model. <i>Neural Computing and Applications</i> , 2020 , 32, 7915-7923	4.8	10
45	A Novel Artificial Bee Colony Optimization Algorithm with SVM for Bio-inspired Software-Defined Networking. <i>International Journal of Parallel Programming</i> , 2020 , 48, 310-328	1.5	10
44	Exploring the behavioral patterns transformation of learners in different 3D modeling teaching strategies. <i>Computers in Human Behavior</i> , 2019 , 92, 670-678	7.7	9
43	A deep learning approach for financial market prediction: utilization of Google trends and keywords. <i>Granular Computing</i> , 2021 , 6, 207-216	5.4	9
42	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 75-89	8.3	9
41	Remaining useful life prediction based on state assessment using edge computing on deep learning. <i>Computer Communications</i> , 2020 , 160, 91-100	5.1	7
40	Removal of salt-and-pepper noise for X-ray bio-images using pixel-variation gain factors. <i>Computers and Electrical Engineering</i> , 2018 , 71, 862-876	4.3	7
39	Cyber-entrepreneurship as an innovative orientation: Does positive thinking moderate the relationship between cyber-entrepreneurial self-efficacy and cyber-entrepreneurial intentions in Non-IT students?. <i>Computers in Human Behavior</i> , 2020 , 107, 105975	7.7	7
38	A bio-inspired computing model for ovarian carcinoma classification and oncogene detection. <i>Bioinformatics</i> , 2015 , 31, 1102-10	7.2	6
37	Hybridization of cognitive computing for food services. <i>Applied Soft Computing Journal</i> , 2020 , 89, 106051	7.5	5
36	Data fusion analysis for attention-deficit hyperactivity disorder emotion recognition with thermal image and Internet of Things devices. <i>Software - Practice and Experience</i> , 2021 , 51, 595-606	2.5	5

35	Intelligent Traffic Accident Prediction Model for Internet of Vehicles With Deep Learning Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-10	6.1	5
34	Cognitive data science methods and models for engineering applications. <i>Soft Computing</i> , 2019 , 23, 9045-9048	5.9	4
33	Course Design for College Entrepreneurship Education - From Personal Trait Analysis to Operation in Practice. <i>Frontiers in Psychology</i> , 2019 , 10, 1016	3.4	4
32	A Hybrid Unequal Clustering Based on Density with Energy Conservation in Wireless Nodes. <i>Sustainability</i> , 2019 , 11, 746	3.6	4
31	Intelligently modeling, detecting, and scheduling elephant flows in software defined energy cloud: A survey. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 146, 64-78	4.4	4
30	Monitoring Spatial Keyword Queries Based on Resident Domains of Mobile Objects in IoT Environments. <i>Mobile Networks and Applications</i> , 2020 , 1	2.9	4
29	The Determinants of Bitcoin's Price: Utilization of GARCH and Machine Learning Approaches. <i>Computational Economics</i> , 2021 , 57, 267-280	1.4	4
28	Exploring knowledge patterns of library and information science journals within the field: a citation analysis from 2009 to 2016. <i>Scientometrics</i> , 2018 , 117, 1991-2008	3	4
27	X-ray bio-image denoising using directional-weighted-mean filtering and block matching approach. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 1	3.7	3
26	The key successful factors of video and mobile game crowdfunding projects using a lexicon-based feature selection approach. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 1-19	3.7	3
25	Spatial Air Index Based on Largest Empty Rectangles for Non-Flat Wireless Broadcast in Pervasive Computing. <i>ISPRS International Journal of Geo-Information</i> , 2016 , 5, 211	2.9	3
24	Building social computing system in big data: From the perspective of social network analysis. <i>Computers in Human Behavior</i> , 2019 , 101, 457-465	7.7	3
23	Grid-based indexing with expansion of resident domains for monitoring moving objects. <i>Journal of Supercomputing</i> , 2020 , 76, 1482-1501	2.5	3
22	Collaborative algorithms that combine AI with IoT towards monitoring and control system. <i>Future Generation Computer Systems</i> , 2021 , 125, 677-686	7.5	3
21	A TAIEX forecasting model based on changes of keyword search volume on Google Trends 2014 ,		2
20	Forecasting stock price based on fuzzy time-series with equal-frequency partitioning and fast Fourier transform algorithm 2012 ,		2
19	The Case Study of Adaptive Network-Based Fuzzy Inference System Modeling for TAIEX Prediction 2012 ,		2
18	AI-Based Vehicular Network toward 6G and IoT: Deep Learning Approaches. <i>ACM Transactions on Management Information Systems</i> , 2022 , 13, 1-12	2	2

17	A tucker decomposition based knowledge distillation for intelligent edge applications. <i>Applied Soft Computing Journal</i> , 2021 , 101, 107051	7.5	2
16	Constructing Cooperative Intelligent Transport Systems for Travel Time Prediction With Deep Learning Approaches. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-10	6.1	2
15	Using Text Mining to Analyze the Financial Patents 2019 ,		1
14	Image Feature Location Method Based on Improved Wavelet and Variable Threshold Segmentation in Internet of Things. <i>Mobile Networks and Applications</i> ,1	2.9	1
13	Signal processing techniques for sustainable cognitive radio communications. <i>Wireless Networks</i> , 2021 , 27, 839-841	2.5	1
12	Design of an AI-Empowered Recommender System for Travelling Support: Individual Traveler as an Instance 2018 ,		1
11	Real-time intelligent image processing for the internet of things. <i>Journal of Real-Time Image Processing</i> , 2021 , 18, 997-998	1.9	1
10	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1
9	Linguistic multi-criteria decision-making aggregation model based on situational ME-LOWA and ME-LOWGA operators. <i>Granular Computing</i> ,1	5.4	1
8	. <i>IEEE Access</i> , 2021 , 9, 90418-90427	3.5	0
7	AI-enabled learning techniques for Internet of Things communications. <i>Journal of High Speed Networks</i> , 2021 , 27, 203-204	0.4	0
6	Robotic Musicianship Based on Least Squares and Sequence Generative Adversarial Networks. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	0
5	Identifying the key success factors of movie projects in crowdfunding. <i>Multimedia Tools and Applications</i> ,1	2.5	0
4	Screw Slot Quality Inspection System Based on Tactile Network. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-17	3.8	
3	GT-Chain: A Fair Blockchain for Intelligent Industrial IoT Applications. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	
2	M-T2F: A High-Efficient Contention Protocol for Wireless Networking in Cyber-Physical-Social Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	
1	Efficient Generative Adversarial Networks for Imbalanced Traffic Collision Datasets. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-10	6.1	