Mu-Yen Chen

List of Publications by Year in Descending Order

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	AI-Based Vehicular Network toward 6G and IoT: Deep Learning Approaches. *ACM Transactions on Management Information Systems*, **2022**, 13, 1-12	2	2
69	Efficient Generative Adversarial Networks for Imbalanced Traffic Collision Datasets. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-10	6.1	
68	Constructing Cooperative Intelligent Transport Systems for Travel Time Prediction With Deep Learning Approaches. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-10	6.1	2
67	A tucker decomposition based knowledge distillation for intelligent edge applications. *Applied Soft Computing Journal*, **2021**, 101, 107051	7.5	2
66	The key successful factors of video and mobile game crowdfunding projects using a lexicon-based feature selection approach. *Journal of Ambient Intelligence and Humanized Computing*, **2021**, 1-19	3.7	3
65	Data fusion analysis for attention-deficit hyperactivity disorder emotion recognition with thermal image and Internet of Things devices. *Software - Practice and Experience*, **2021**, 51, 595-606	2.5	5
64	A deep learning approach for financial market prediction: utilization of Google trends and keywords. *Granular Computing*, **2021**, 6, 207-216	5.4	9
63	The Determinants of Bitcoinﾒ Price: Utilization of GARCH and Machine Learning Approaches. *Computational Economics*, **2021**, 57, 267-280	1.4	4
62	. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 75-89	8.3	9
61	Signal processing techniques for sustainable cognitive radio communications. *Wireless Networks*, **2021**, 27, 839-841	2.5	1
60	Intelligent Traffic Accident Prediction Model for Internet of Vehicles With Deep Learning Approach. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-10	6.1	5
59	Deep Learning Methods in Internet of Medical Things for Valvular Heart Disease Screening System. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	24
58	. *IEEE Access*, **2021**, 9, 90418-90427	3.5	0
57	Screw Slot Quality Inspection System Based on Tactile Network. *ACM Transactions on Internet Technology*, **2021**, 21, 1-17	3.8	
56	Real-time intelligent image processing for the internet of things. *Journal of Real-Time Image Processing*, **2021**, 18, 997-998	1.9	1
55	AI-enabled learning techniques for Internet of Things communications. *Journal of High Speed Networks*, **2021**, 27, 203-204	0.4	0
54	Collaborative algorithms that combine AI with IoT towards monitoring and control system. *Future Generation Computer Systems*, **2021**, 125, 677-686	7.5	3

53	GT-Chain: A Fair Blockchain for Intelligent Industrial IoT Applications. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	
52	Robotic Musicianship Based on Least Squares and Sequence Generative Adversarial Networks. *IEEE Sensors Journal*, **2021**, 1-1	4	0
51	. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	1
50	M-T2F: A High-Efficient Contention Protocol for Wireless Networking in Cyber-Physical-Social Systems. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	
49	Remaining useful life prediction based on state assessment using edge computing on deep learning. *Computer Communications*, **2020**, 160, 91-100	5.1	7
48	Hybridization of cognitive computing for food services. *Applied Soft Computing Journal*, **2020**, 89, 106051	7.5	5
47	Picture fuzzy time series: Defining, modeling and creating a new forecasting method. *Engineering Applications of Artificial Intelligence*, **2020**, 88, 103367	7.2	13
46	Intelligently modeling, detecting, and scheduling elephant flows in software defined energy cloud: A survey. *Journal of Parallel and Distributed Computing*, **2020**, 146, 64-78	4.4	4
45	Monitoring Spatial Keyword Queries Based on Resident Domains of Mobile Objects in IoT Environments. *Mobile Networks and Applications*, **2020**, 1	2.9	4
44	Grid-based indexing with expansion of resident domains for monitoring moving objects. *Journal of Supercomputing*, **2020**, 76, 1482-1501	2.5	3
43	Recognizing important factors of influencing trust in O2O models: an example of OpenTable. *Soft Computing*, **2020**, 24, 7907-7923	3.5	10
42	Recurrent neural network with attention mechanism for language model. *Neural Computing and Applications*, **2020**, 32, 7915-7923	4.8	10
41	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?. *Computers in Human Behavior*, **2020**, 107, 105975	7.7	7
40	A Novel Artificial Bee Colony Optimization Algorithm with SVM for Bio-inspired Software-Defined Networking. *International Journal of Parallel Programming*, **2020**, 48, 310-328	1.5	10
39	Exploration of social media for sentiment analysis using deep learning. *Soft Computing*, **2020**, 24, 8187-8197	3.5	21
38	Cognitive data science methods and models for engineering applications. *Soft Computing*, **2019**, 23, 9045-9048	3.5	4
37	Course Design for College Entrepreneurship Education - From Personal Trait Analysis to Operation in Practice. *Frontiers in Psychology*, **2019**, 10, 1016	3.4	4
36	A Hybrid Unequal Clustering Based on Density with Energy Conservation in Wireless Nodes. *Sustainability*, **2019**, 11, 746	3.6	4

35	Modeling public mood and emotion: Stock market trend prediction with anticipatory computing approach. *Computers in Human Behavior*, **2019**, 101, 402-408	7.7	20
34	Using Text Mining to Analyze the Financial Patents **2019**,		1
33	Wavelet-Based EEG Processing for Epilepsy Detection Using Fuzzy Entropy and Associative Petri Net. *IEEE Access*, **2019**, 7, 103255-103262	3.5	78
32	Why Customers Don't Revisit in Tourism and Hospitality Industry?. *IEEE Access*, **2019**, 7, 146588-146606	3.5	11
31	Coupling and Coordination Development of Australian Energy, Economy, and Ecological Environment Systems from 2007 to 2016. *Sustainability*, **2019**, 11, 6568	3.6	36
30	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. *Virtual Reality*, **2019**, 23, 437-446	6	55
29	Building social computing system in big data: From the perspective of social network analysis. *Computers in Human Behavior*, **2019**, 101, 457-465	7.7	3
28	Exploring the behavioral patterns transformation of learners in different 3D modeling teaching strategies. *Computers in Human Behavior*, **2019**, 92, 670-678	7.7	9
27	Modeling public mood and emotion: Blog and news sentiment and socio-economic phenomena. *Future Generation Computer Systems*, **2019**, 96, 692-699	7.5	18
26	X-ray bio-image denoising using directional-weighted-mean filtering and block matching approach. *Journal of Ambient Intelligence and Humanized Computing*, **2018**, 1	3.7	3
25	Understanding the behavioral intention to play Austronesian learning games: from the perspectives of learning outcome, service quality, and hedonic value. *Interactive Learning Environments*, **2018**, 26, 372-385	3.1	10
24	A Software Defined Fog Node Based Distributed Blockchain Cloud Architecture for IoT. *IEEE Access*, **2018**, 6, 115-124	3.5	373
23	Removal of salt-and-pepper noise for X-ray bio-images using pixel-variation gain factors. *Computers and Electrical Engineering*, **2018**, 71, 862-876	4.3	7
22	Applying fuzzy petri nets for evaluating the impact of bedtime behaviors on sleep quality. *Granular Computing*, **2018**, 3, 321-332	5.4	14
21	The human-like intelligence with bio-inspired computing approach for credit ratings prediction. *Neurocomputing*, **2018**, 279, 11-18	5.4	11
20	Constructing the lie detection system with fuzzy reasoning approach. *Granular Computing*, **2018**, 3, 169-176	5.4	19
19	Design of an AI-Empowered Recommender System for Travelling Support: Individual Traveler as an Instance **2018**,		1
18	Exploring knowledge patterns of library and information science journals within the field: a citation analysis from 2009 to 2016. *Scientometrics*, **2018**, 117, 1991-2008	3	4

List of Publications

17	Spatial Air Index Based on Largest Empty Rectangles for Non-Flat Wireless Broadcast in Pervasive Computing. *ISPRS International Journal of Geo-Information*, **2016**, 5, 211	2.9	3
16	How do we inspire people to contact aboriginal culture with Web2.0 technology?. *Computers and Education*, **2015**, 86, 71-83	9.5	21
15	A hybrid fuzzy time series model based on granular computing for stock price forecasting. *Information Sciences*, **2015**, 294, 227-241	7.7	144
14	A bio-inspired computing model for ovarian carcinoma classification and oncogene detection. *Bioinformatics*, **2015**, 31, 1102-10	7.2	6
13	A TAIEX forecasting model based on changes of keyword search volume on Google Trends **2014**,		2
12	International transmission of stock market movements: an adaptive neuro-fuzzy inference system for analysis of TAIEX forecasting. *Neural Computing and Applications*, **2013**, 23, 369-378	4.8	18
11	A hybrid ANFIS model for business failure prediction utilizing particle swarm optimization and subtractive clustering. *Information Sciences*, **2013**, 220, 180-195	7.7	135
10	DESIGN OF EXPERIMENTS ON NEURAL NETWORK'S PARAMETERS OPTIMIZATION FOR TIME SERIES FORECASTING IN STOCK MARKETS. *Neural Network World*, **2013**, 23, 369-393	2.9	20
9	Prediction of corporate financial distress: an application of the America banking industry. *Neural Computing and Applications*, **2012**, 21, 1687-1696	4.8	18
8	Visualization and dynamic evaluation model of corporate financial structure with self-organizing map and support vector regression. *Applied Soft Computing Journal*, **2012**, 12, 2274-2288	7.5	20
7	Forecasting stock price based on fuzzy time-series with equal-frequency partitioning and fast Fourier transform algorithm **2012**,		2
6	The Case Study of Adaptive Network-Based Fuzzy Inference System Modeling for TAIEX Prediction **2012**,		2
5	Bankruptcy prediction in firms with statistical and intelligent techniques and a comparison of evolutionary computation approaches. *Computers and Mathematics With Applications*, **2011**, 62, 4514-4524	2.7	63
4	Predicting corporate financial distress based on integration of decision tree classification and logistic regression. *Expert Systems With Applications*, **2011**, 38, 11261-11272	7.8	110
3	Image Feature Location Method Based on Improved Wavelet and Variable Threshold Segmentation in Internet of Things. *Mobile Networks and Applications*,1	2.9	1
2	Linguistic multi-criteria decision-making aggregation model based on situational ME-LOWA and ME-LOWGA operators. *Granular Computing*,1	5.4	1
1	Identifying the key success factors of movie projects in crowdfunding. *Multimedia Tools and Applications*,1	2.5	0