

Wei Lee Woon

List of Publications by Year in descending order

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63
papers

1,848
citations

489802

18
h-index

312153

41
g-index

65
all docs

65
docs citations

65
times ranked

2565
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multistage Passive Islanding Detection Method for Synchronous-Based Distributed Generation. IEEE Transactions on Industrial Informatics, 2022, 18, 2078-2088.	7.2	9
2	Evaluation of the trends in jobs and skill-sets using data analytics: a case study. Journal of Big Data, 2022, 9, .	6.9	4
3	Utilizing data science techniques to analyze skill and demand changes in healthcare occupations: case study on USA and UAE healthcare sector. Soft Computing, 2020, 24, 4959-4976.	2.1	9
4	Measuring the predictability of life outcomes with a scientific mass collaboration. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8398-8403.	3.3	142
5	Evaluating Skills Dimensions: Case Study on Occupational Changes in the UAE. , 2019, , .		0
6	Detecting reciprocity at a global scale. Science Advances, 2018, 4, eaao5348.	4.7	16
7	Multiobjective Dynamic VAR Planning Strategy With Different Shunt Compensation Technologies. IEEE Transactions on Power Systems, 2018, 33, 2429-2439.	4.6	22
8	Discovering Similarities in Malware Behaviors by Clustering of API Call Sequences. Lecture Notes in Computer Science, 2018, , 122-133.	1.0	5
9	Machine Learning as Surrogate to Building Performance Simulation: A Building Design Optimization Application. Lecture Notes in Computer Science, 2018, , 94-102.	1.0	0
10	The preeminence of ethnic diversity in scientific collaboration. Nature Communications, 2018, 9, 5163.	5.8	251
11	Intelligent Monitoring of Transformer Insulation Using Convolutional Neural Networks. Lecture Notes in Computer Science, 2018, , 127-136.	1.0	6
12	Semiautomatic System Domain Data Analysis: A Smart Grid Feasibility Case Study. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 3117-3127.	5.9	7
13	Online Prediction via Continuous Artificial Prediction Markets. IEEE Intelligent Systems, 2017, 32, 61-68.	4.0	27
14	Simultaneous extraction of roads and buildings in remote sensing imagery with convolutional neural networks. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 139-149.	4.9	304
15	Wind Speed Forecasting Using Statistical and Machine Learning Methods: A Case Study in the UAE. Lecture Notes in Computer Science, 2017, , 107-120.	1.0	2
16	Data mining approach to monitoring the requirements of the job market: A case study. Information Systems, 2017, 65, 1-6.	2.4	53
17	Kanban-based framework for analysis of heterogeneous academic data. , 2017, , .		0
18	Ensemble Prediction Model with Expert Selection for Electricity Price Forecasting. Energies, 2017, 10, 77.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Cybersecurity for Smart Cities: A Brief Review. Lecture Notes in Computer Science, 2017, , 22-30.	1.0	11
20	Security in Mobile Computing: Attack Vectors, Solutions, and Challenges. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 177-191.	0.2	1
21	Spatio-Temporal Wind Power Prediction Using Recurrent Neural Networks. Lecture Notes in Computer Science, 2017, , 556-563.	1.0	4
22	A Semi-automatic Approach for Tech Mining and Interactive Taxonomy Visualization. Lecture Notes in Computer Science, 2017, , 102-115.	1.0	0
23	An Automatic Cognitive Graph-Based Segmentation for Detection of Blood Vessels in Retinal Images. Mathematical Problems in Engineering, 2016, 2016, 1-15.	0.6	12
24	Enhanced SVR ensembles for wind power prediction. , 2016, , .		5
25	Machine learning techniques for robust classification of partial discharges in oilâ€‘paper insulation systems. IET Science, Measurement and Technology, 2016, 10, 221-227.	0.9	23
26	Software Clone Detection Using Clustering Approach. Lecture Notes in Computer Science, 2015, , 520-527.	1.0	4
27	Electricity price and demand forecasting under smart grid environment. , 2015, , .		1
28	Image classification using appearance based features. , 2015, , .		2
29	Soil Property Prediction: An Extreme Learning Machine Approach. Lecture Notes in Computer Science, 2015, , 18-27.	1.0	5
30	Changes in Occupational Skills - A Case Study Using Non-negative Matrix Factorization. Lecture Notes in Computer Science, 2015, , 627-634.	1.0	6
31	Argument Visualization and Narrative Approaches for Collaborative Spatial Decision Making and Knowledge Construction: A Case Study for an Offshore Wind Farm Project. Lecture Notes in Computer Science, 2015, , 135-154.	1.0	2
32	Tackling Class Imbalance Problem in Binary Classification using Augmented Neighborhood Cleaning Algorithm. Lecture Notes in Electrical Engineering, 2015, , 827-834.	0.3	2
33	Machine Learning Techniques for Supporting Renewable Energy Generation and Integration: A Survey. Lecture Notes in Computer Science, 2014, , 81-96.	1.0	48
34	Handling class imbalance in customer behavior prediction. , 2014, , .		8
35	NLP-KAOS for Systems Goal Elicitation: Smart Metering System Case Study. IEEE Transactions on Software Engineering, 2014, 40, 941-956.	4.3	32
36	Automatic Rooftop Detection Using a Two-Stage Classification. , 2014, , .		5

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37	Rooftop Detection for Planning of Solar PV Deployment: A Case Study in Abu Dhabi. Lecture Notes in Computer Science, 2014, , 137-149.	1.0	6
38	Document Versioning Using Feature Space Distances. Lecture Notes in Computer Science, 2014, , 487-494.	1.0	0
39	Data mining approach to fault detection for isolated inverter-based microgrids. IET Generation, Transmission and Distribution, 2013, 7, 745-754.	1.4	60
40	Optimal Protection Coordination for Microgrids With Grid-Connected and Islanded Capability. IEEE Transactions on Industrial Electronics, 2013, 60, 1668-1677.	5.2	345
41	An ensemble model for day-ahead electricity demand time series forecasting. , 2013, , .		38
42	A Novel Ensemble Learning-Based Approach for Click Fraud Detection in Mobile Advertising. Lecture Notes in Computer Science, 2013, , 370-382.	1.0	22
43	Intelligent edge detector based on multiple edge maps. , 2012, , .		1
44	Artificial Neural Network-based electricity price forecasting for smart grid deployment. , 2012, , .		22
45	Semantic distances for technology landscape visualization. Journal of Intelligent Information Systems, 2012, 39, 29-58.	2.8	7
46	A Bayesian Passive Islanding Detection Method for Inverter-Based Distributed Generation Using ESPRIT. IEEE Transactions on Power Delivery, 2011, 26, 2687-2696.	2.9	107
47	Bibliometric analysis of distributed generation. Technological Forecasting and Social Change, 2011, 78, 408-420.	6.2	23
48	Optimal Sizing of Thyristor-Controlled Impedance for Smart Grids With Multiple Configurations. IEEE Transactions on Smart Grid, 2011, 2, 528-537.	6.2	19
49	String alignment for automated document versioning. Knowledge and Information Systems, 2009, 18, 293-309.	2.1	5
50	Asymmetric information distances for automated taxonomy construction. Knowledge and Information Systems, 2009, 21, 91-111.	2.1	29
51	Comparison of generality based algorithm variants for automatic taxonomy generation. , 2009, , .		5
52	A framework for technology forecasting and visualization. , 2009, , .		13
53	An iterative approach to enhanced traffic signal optimization. Expert Systems With Applications, 2008, 34, 2885-2890.	4.4	20
54	Text plagiarism detection method based on path patterns. International Journal of Business Intelligence and Data Mining, 2008, 3, 136.	0.2	1

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55	Simultaneous Mobility: A New Analytical Approach. IEEE Vehicular Technology Conference, 2007, , .	0.2	5
56	Analysis of Simultaneous Mobility under Asymmetric Mobility Conditions. , 2007, , .		3
57	Techniques for early detection of Alzheimer's disease using spontaneous EEG recordings. Physiological Measurement, 2007, 28, 335-347.	1.2	42
58	Simultaneous Mobility. International Journal of Business Data Communications and Networking, 2007, 3, 1-12.	1.2	0
59	Can we learn anything from single-channel unaveraged MEG data?. Neural Computing and Applications, 2004, 13, 360-368.	3.2	9
60	A Framework for Technology Forecasting and Visualization. SSRN Electronic Journal, 0, , .	0.4	5
61	Semantic Distances for Technology Landscape Visualization. SSRN Electronic Journal, 0, , .	0.4	0
62	Forecasting Renewable Energy Technologies in Desalination and Power Generation Using Taxonomies. , 0, , 219-233.		0
63	A Unified Approach for Taxonomy-Based Technology Forecasting. Advances in Business Information Systems and Analytics Book Series, 0, , 178-197.	0.3	1