Jiujun Cheng

List of Publications by Year in descending order

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53	2,959	186209	223716
papers	citations	28 h-index	46 g-index

53	53	53	2324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dendritic Neuron Model With Effective Learning Algorithms for Classification, Approximation, and Prediction. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 601-614.	7.2	524
2	Routing in Internet of Vehicles: A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2339-2352.	4.7	318
3	Chaotic Local Search-Based Differential Evolution Algorithms for Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3954-3967.	5.9	202
4	Ant colony optimization with clustering for solving the dynamic location routing problem. Applied Mathematics and Computation, 2016, 285, 149-173.	1.4	169
5	A state-of-the-art differential evolution algorithm for parameter estimation of solar photovoltaic models. Energy Conversion and Management, 2021, 230, 113784.	4.4	109
6	An aggregative learning gravitational search algorithm with self-adaptive gravitational constants. Expert Systems With Applications, 2020, 152, 113396.	4.4	90
7	Bi-objective Elite Differential Evolution Algorithm for Multivalued Logic Networks. IEEE Transactions on Cybernetics, 2020, 50, 233-246.	6.2	87
8	Accessibility Analysis and Modeling for IoV in an Urban Scene. IEEE Transactions on Vehicular Technology, 2020, 69, 4246-4256.	3.9	85
9	Automatic Composition of Semantic Web Services Based on Fuzzy Predicate Petri Nets. IEEE Transactions on Automation Science and Engineering, 2015, 12, 680-689.	3.4	84
10	An approximate logic neuron model with a dendritic structure. Neurocomputing, 2016, 173, 1775-1783.	3.5	74
11	Long-Term Traffic Speed Prediction Based on Multiscale Spatio-Temporal Feature Learning Network. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3700-3709.	4.7	72
12	A Connectivity-Prediction-Based Dynamic Clustering Model for VANET in an Urban Scene. IEEE Internet of Things Journal, 2020, 7, 8410-8418.	5.5	71
13	TRec: an efficient recommendation system for hunting passengers with deep neural networks. Neural Computing and Applications, 2019, 31, 209-222.	3.2	69
14	E-Net Modeling and Analysis of Emergency Response Processes Constrained by Resources and Uncertain Durations. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 84-96.	5.9	68
15	Incorporation of Solvent Effect into Multi-Objective Evolutionary Algorithm for Improved Protein Structure Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1365-1378.	1.9	68
16	Secure and Lightweight Conditional Privacy-Preserving Authentication for Securing Traffic Emergency Messages in VANETs. IEEE Transactions on Information Forensics and Security, 2021, 16, 1681-1695.	4.5	68
17	Towards Comprehensive Support for Privacy Preservation Cross-Organization Business Process Mining. IEEE Transactions on Services Computing, 2019, 12, 639-653.	3.2	66
18	A Novel Method for Detecting New Overlapping Community in Complex Evolving Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1832-1844.	5.9	61

#	Article	IF	Citations
19	Vehicle license plate recognition using visual attention model and deep learning. Journal of Electronic Imaging, 2015, 24, 033001.	0.5	52
20	Attribute-Based Secure Announcement Sharing Among Vehicles Using Blockchain. IEEE Internet of Things Journal, 2021, 8, 10873-10883.	5.5	51
21	MO4: A Many-Objective Evolutionary Algorithm for Protein Structure Prediction. IEEE Transactions on Evolutionary Computation, 2022, 26, 417-430.	7.5	48
22	Understanding differential evolution: A Poisson law derived from population interaction network. Journal of Computational Science, 2017, 21, 140-149.	1.5	44
23	A Fluid Mechanics-Based Data Flow Model to Estimate VANET Capacity. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2603-2614.	4.7	44
24	Overlapping Community Change-Point Detection in an Evolving Network. IEEE Transactions on Big Data, 2020, 6, 189-200.	4.4	38
25	Fully Complex-Valued Dendritic Neuron Model. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2105-2118.	7.2	35
26	A Gravitational Search Algorithm With Chaotic Neural Oscillators. IEEE Access, 2020, 8, 25938-25948.	2.6	34
27	ASBSO: An Improved Brain Storm Optimization With Flexible Search Length and Memory-Based Selection. IEEE Access, 2018, 6, 36977-36994.	2.6	33
28	Privacy-Preserving Behavioral Correctness Verification of Cross-Organizational Workflow With Task Synchronization Patterns. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1037-1048.	3.4	29
29	A Multiple Diversity-Driven Brain Storm Optimization Algorithm With Adaptive Parameters. IEEE Access, 2019, 7, 126871-126888.	2.6	27
30	Connectivity Modeling and Analysis for Internet of Vehicles in Urban Road Scene. IEEE Access, 2018, 6, 2692-2702.	2.6	25
31	An intelligent metaphor-free spatial information sampling algorithm for balancing exploitation and exploration. Knowledge-Based Systems, 2022, 250, 109081.	4.0	23
32	Traffic sign detection based on cascaded convolutional neural networks. , 2016, , .		22
33	Time Performance Optimization and Resource Conflicts Resolution for Multiple Project Management. IEICE Transactions on Information and Systems, 2016, E99.D, 650-660.	0.4	22
34	Measuring Similarity for Data-Aware Business Processes. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1070-1082.	3.4	19
35	TDSD: A New Evolutionary Algorithm Based on Triple Distinct Search Dynamics. IEEE Access, 2020, 8, 76752-76764.	2.6	16
36	A Dynamic Evolution Mechanism for IoV Community in an Urban Scene. IEEE Internet of Things Journal, 2021, 8, 7521-7530.	5.5	16

#	Article	IF	Citations
37	A Novel Method for Predicting Vehicle State in Internet of Vehicles. Mobile Information Systems, 2018, 2018, 1-13.	0.4	14
38	A Dynamic Evolution Method for Autonomous Vehicle Groups in a Highway Scene. IEEE Internet of Things Journal, 2022, 9, 1445-1457.	5.5	14
39	Traffic Flow Data Prediction Using Residual Deconvolution Based Deep Generative Network. IEEE Access, 2019, 7, 71311-71322.	2.6	12
40	A New Recommendation Algorithm Based on Userâ€™s Dynamic Information in Complex Social Network. Mathematical Problems in Engineering, 2015, 2015, 1-6.	0.6	11
41	Deep learningâ€“based traffic sign recognition for unmanned autonomous vehicles. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2018, 232, 497-505.	0.7	9
42	Research on the Prediction-Based Clustering Method in the Community of Medical Vehicles for Connected Health. IEEE Access, 2019, 7, 71884-71896.	2.6	8
43	Using Convolutional Neural Network with Asymmetrical Kernels to Predict Speed of Elevated Highway. IFIP Advances in Information and Communication Technology, 2017, , 212-221.	0.5	7
44	Location Prediction Model Based on the Internet of Vehicles for Assistance to Medical Vehicles. IEEE Access, 2020, 8, 10754-10767.	2.6	6
45	Robust H âˆž Filtering for Uncertain Nonlinear Stochastic Systems with Mode-dependent Time-delays and Markovian Jump Parameters. Circuits, Systems, and Signal Processing, 2011, 30, 303-321.	1.2	5
46	A Side Chain Consensus-Based Decentralized Autonomous Vehicle Group Formation and Maintenance Method in a Highway Scene. IEEE Transactions on Industrial Informatics, 2022, 18, 9250-9258.	7.2	3
47	A novel mutual information based ant colony classifier. , 2017, , .		2
48	A Fluid Mechanics-Based Model to Estimate VINET Capacity in an Urban Scene. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8606-8614.	4.7	2
49	A multiâ€channel geometric algebra residual network for traffic data prediction. IET Intelligent Transport Systems, 2022, 16, 1549-1560.	1.7	2
50	Building an Efficient Distributed Reputation Scheme for Peer-to-Peer Systems. , 2008, , .		1
51	A JND Profile Based on Hierarchically Selective Attention for Images. , 2013, , .		0
52	A New Mechanism for Network Monitoring and Shielding in Wireless LAN. Mathematical Problems in Engineering, 2014, 2014, 1-8.	0.6	0
53	Accessibility for VANET in an Urban Scene. , 2021, , .		0