Jiujun Cheng

List of Publications by Year
in descending order

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

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

#	Article	IF	Citations
1	Fully Complex-Valued Dendritic Neuron Model. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2105-2118.	7.2	35
2	A Dynamic Evolution Method for Autonomous Vehicle Groups in a Highway Scene. IEEE Internet of Things Journal, 2022, 9, 1445-1457.	5.5	14
3	Measuring Similarity for Data-Aware Business Processes. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1070-1082.	3.4	19
4	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
5	MO4: A Many-Objective Evolutionary Algorithm for Protein Structure Prediction. IEEE Transactions on Evolutionary Computation, 2022, 26, 417-430.	7.5	48
6	An intelligent metaphor-free spatial information sampling algorithm for balancing exploitation and exploration. Knowledge-Based Systems, 2022, 250, 109081.	4.0	23
7	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
8	A multiâ€channel geometric algebra residual network for traffic data prediction. IET Intelligent Transport Systems, 2022, 16, 1549-1560.	1.7	2
9	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
10	Chaotic Local Search-Based Differential Evolution Algorithms for Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3954-3967.	5.9	202
11	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
12	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
13	A Dynamic Evolution Mechanism for IoV Community in an Urban Scene. IEEE Internet of Things Journal, 2021, 8, 7521-7530.	5.5	16
14	Attribute-Based Secure Announcement Sharing Among Vehicles Using Blockchain. IEEE Internet of Things Journal, 2021, 8, 10873-10883.	5.5	51
15	Accessibility for VANET in an Urban Scene. , 2021, , .		0
16	Overlapping Community Change-Point Detection in an Evolving Network. IEEE Transactions on Big Data, 2020, 6, 189-200.	4.4	38
17	Bi-objective Elite Differential Evolution Algorithm for Multivalued Logic Networks. IEEE Transactions on Cybernetics, 2020, 50, 233-246.	6.2	87
18	A Fluid Mechanics-Based Data Flow Model to Estimate VANET Capacity. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2603-2614.	4.7	44

#	Article	IF	Citations
19	Location Prediction Model Based on the Internet of Vehicles for Assistance to Medical Vehicles. IEEE Access, 2020, 8, 10754-10767.	2.6	6
20	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
21	TDSD: A New Evolutionary Algorithm Based on Triple Distinct Search Dynamics. IEEE Access, 2020, 8, 76752-76764.	2.6	16
22	Accessibility Analysis and Modeling for IoV in an Urban Scene. IEEE Transactions on Vehicular Technology, 2020, 69, 4246-4256.	3.9	85
23	A Gravitational Search Algorithm With Chaotic Neural Oscillators. IEEE Access, 2020, 8, 25938-25948.	2.6	34
24	An aggregative learning gravitational search algorithm with self-adaptive gravitational constants. Expert Systems With Applications, 2020, 152, 113396.	4.4	90
25	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
26	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
27	A Multiple Diversity-Driven Brain Storm Optimization Algorithm With Adaptive Parameters. IEEE Access, 2019, 7, 126871-126888.	2.6	27
28	Traffic Flow Data Prediction Using Residual Deconvolution Based Deep Generative Network. IEEE Access, 2019, 7, 71311-71322.	2.6	12
29	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
30	TRec: an efficient recommendation system for hunting passengers with deep neural networks. Neural Computing and Applications, 2019, 31, 209-222.	3.2	69
31	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
32	Towards Comprehensive Support for Privacy Preservation Cross-Organization Business Process Mining. IEEE Transactions on Services Computing, 2019, 12, 639-653.	3.2	66
33	Deep learning–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
34	Connectivity Modeling and Analysis for Internet of Vehicles in Urban Road Scene. IEEE Access, 2018, 6, 2692-2702.	2.6	25
35	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
36	ASBSO: An Improved Brain Storm Optimization With Flexible Search Length and Memory-Based Selection. IEEE Access, 2018, 6, 36977-36994.	2.6	33

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37	A Novel Method for Predicting Vehicle State in Internet of Vehicles. Mobile Information Systems, 2018, 2018, 1-13.	0.4	14
38	Understanding differential evolution: A Poisson law derived from population interaction network. Journal of Computational Science, 2017, 21, 140-149.	1.5	44
39	A novel mutual information based ant colony classifier. , 2017, , .		2
40	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
41	An approximate logic neuron model with a dendritic structure. Neurocomputing, 2016, 173, 1775-1783.	3.5	74
42	Ant colony optimization with clustering for solving the dynamic location routing problem. Applied Mathematics and Computation, 2016, 285, 149-173.	1.4	169
43	Traffic sign detection based on cascaded convolutional neural networks. , 2016, , .		22
44	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
45	A New Recommendation Algorithm Based on User's Dynamic Information in Complex Social Network. Mathematical Problems in Engineering, 2015, 2015, 1-6.	0.6	11
46	Routing in Internet of Vehicles: A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2339-2352.	4.7	318
47	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
48	Vehicle license plate recognition using visual attention model and deep learning. Journal of Electronic Imaging, 2015, 24, 033001.	0.5	52
49	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
50	A New Mechanism for Network Monitoring and Shielding in Wireless LAN. Mathematical Problems in Engineering, 2014, 2014, 1-8.	0.6	0
51	A JND Profile Based on Hierarchically Selective Attention for Images. , 2013, , .		0
52	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
53	Building an Efficient Distributed Reputation Scheme for Peer-to-Peer Systems. , 2008, , .		1