

Junzhong Ji

List of Publications by Year in descending order

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59
papers

663
citations

759233

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22
g-index

59
all docs

59
docs citations

59
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey: Functional Module Detection from Protein-Protein Interaction Networks. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 261-277.	5.7	87
2	Spatio-Temporal Memory Attention for Image Captioning. IEEE Transactions on Image Processing, 2020, 29, 7615-7628.	9.8	52
3	Structural learning of Bayesian networks by bacterial foraging optimization. International Journal of Approximate Reasoning, 2016, 69, 147-167.	3.3	38
4	Ant colony clustering with fitness perception and pheromone diffusion for community detection in complex networks. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 3260-3272.	2.6	36
5	A hybrid method for learning Bayesian networks based on ant colony optimization. Applied Soft Computing Journal, 2011, 11, 3373-3384.	7.2	33
6	An artificial bee colony algorithm for learning Bayesian networks. Soft Computing, 2013, 17, 983-994.	3.6	33
7	Bacterial foraging optimization using novel chemotaxis and conjugation strategies. Information Sciences, 2016, 363, 72-95.	6.9	29
8	Convolutional Neural Network with Element-wise Filters to Extract Hierarchical Topological Features for Brain Networks. , 2018, , .		28
9	An Ant Colony Optimization Algorithm for Solving the Multidimensional Knapsack Problems. , 2007, , .		20
10	Convolutional kernels with an element-wise weighting mechanism for identifying abnormal brain connectivity patterns. Pattern Recognition, 2021, 109, 107570.	8.1	18
11	Deep scaled dot-product attention based domain adaptation model for biomedical question answering. Methods, 2020, 173, 69-74.	3.8	15
12	An Ant Colony Optimization Algorithm for Learning Classification Rules. , 2006, , .		13
13	Learning Effective Connectivity Network Structure from fMRI Data Based on Artificial Immune Algorithm. PLoS ONE, 2016, 11, e0152600.	2.5	13
14	Ant Colony Optimization with Multi-Agent Evolution for Detecting Functional Modules in Protein-Protein Interaction Networks. Lecture Notes in Computer Science, 2012, , 445-453.	1.3	13
15	Improved Ant Colony Optimization for Detecting Functional Modules in Protein-Protein Interaction Networks. Communications in Computer and Information Science, 2012, , 404-413.	0.5	12
16	Learning Brain Effective Connectivity Network Structure using Ant Colony Optimization Combining with Voxel Activation Information. IEEE Journal of Biomedical and Health Informatics, 2019, 24, 1-1.	6.3	12
17	EC-GAN: Inferring Brain Effective Connectivity via Generative Adversarial Networks. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4852-4859.	4.9	12
18	An Entropy-Based Multiobjective Evolutionary Algorithm with an Enhanced Elite Mechanism. Applied Computational Intelligence and Soft Computing, 2012, 2012, 1-11.	2.3	11

#	ARTICLE	IF	CITATIONS
19	A comparative study on swarm intelligence for structure learning of Bayesian networks. <i>Soft Computing</i> , 2017, 21, 6713-6738.	3.6	11
20	ACC-FMD: ant colony clustering for functional module detection in protein-protein interaction networks. <i>International Journal of Data Mining and Bioinformatics</i> , 2015, 11, 331.	0.1	10
21	Inferring Effective Connectivity Networks From fMRI Time Series With a Temporal Entropy-Score. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 5993-6006.	11.3	10
22	Estimating Effective Connectivity by Recurrent Generative Adversarial Networks. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3326-3336.	8.9	10
23	HAM-FMD: Mining functional modules in protein-protein interaction networks using ant colony optimization and multi-agent evolution. <i>Neurocomputing</i> , 2013, 121, 453-469.	5.9	9
24	Artificial Bee Colony Algorithm Merged with Pheromone Communication Mechanism for the 0-1 Multidimensional Knapsack Problem. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-13.	1.1	9
25	FC-HAT: Hypergraph attention network for functional brain network classification. <i>Information Sciences</i> , 2022, 608, 1301-1316.	6.9	9
26	Relation constraint self-attention for image captioning. <i>Neurocomputing</i> , 2022, 501, 778-789.	5.9	8
27	PERSONALIZED RECOMMENDATION BASED ON A MULTILEVEL CUSTOMER MODEL. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2005, 19, 895-916.	1.2	7
28	A state-of-the-practice study on communication and coordination between chinese software suppliers and their global outsourcers. <i>Software Process Improvement and Practice</i> , 2008, 13, 233-247.	1.1	7
29	Convolutional Neural Network With Graphical Lasso to Extract Sparse Topological Features for Brain Disease Classification. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 2327-2338.	3.0	7
30	HFADE-FMD: a hybrid approach of fireworks algorithm and differential evolution strategies for functional module detection in protein-protein interaction networks. <i>Applied Intelligence</i> , 2021, 51, 1118-1132.	5.3	7
31	A Survey on Brain Effective Connectivity Network Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 1879-1899.	11.3	7
32	The human brain functional parcellation based on fMRI data. <i>Chinese Science Bulletin</i> , 2016, 61, 2035-2052.	0.7	7
33	Online recommendation based on customer shopping model in e-commerce. , 0, , .		6
34	Feature selection of fMRI data based on normalized mutual information and fisher discriminant ratio. <i>Journal of X-Ray Science and Technology</i> , 2016, 24, 467-475.	1.0	6
35	ACOECD: Ant Colony Optimization for Learning Brain Effective Connectivity Networks From Functional MRI and Diffusion Tensor Imaging. <i>Frontiers in Neuroscience</i> , 2019, 13, 1290.	2.8	5
36	An effective initialization strategy of pheromone for ant colony optimization. , 2009, , .		4

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37	A Multiagent Evolutionary Method for Detecting Communities in Complex Networks. Computational Intelligence, 2016, 32, 587-614.	3.2	4
38	BFO-FMD: bacterial foraging optimization for functional module detection in protein-protein interaction networks. Soft Computing, 2018, 22, 3395-3416.	3.6	4
39	Estimating Brain Effective Connectivity in fMRI data by Non-stationary Dynamic Bayesian Networks. , 2019, , .		4
40	Dynamic brain functional parcellation via sliding window and artificial bee colony algorithm. Applied Intelligence, 2019, 49, 1748-1770.	5.3	4
41	Deep attributed graph clustering with self-separation regularization and parameter-free cluster estimation. Neural Networks, 2021, 142, 522-533.	5.9	4
42	Convolutional Neural Network With Sparse Strategies to Classify Dynamic Functional Connectivity. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1219-1228.	6.3	4
43	Detecting Functional Modules Based on a Multiple-Grain Model in Large-Scale Protein-Protein Interaction Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 610-622.	3.0	3
44	Network Representations of Facial and Bodily Expressions: Evidence From Multivariate Connectivity Pattern Classification. Frontiers in Neuroscience, 2019, 13, 1111.	2.8	3
45	Artificial bee colony clustering with self-adaptive crossover and stepwise search for brain functional parcellation in fMRI data. Soft Computing, 2019, 23, 8689-8709.	3.6	3
46	A novel CNN framework to extract multi-level modular features for the classification of brain networks. Applied Intelligence, 2022, 52, 6835-6852.	5.3	3
47	A New Mechanism of Pheromone Increment and Diffusion for Solving Travelling Salesman Problems with Ant Colony Algorithm. , 2008, , .		2
48	Ant colony clustering based on sampling for community detection. , 2014, , .		2
49	Sparse data augmentation based on encoderforest for brain network classification. Applied Intelligence, 2022, 52, 4317-4329.	5.3	2
50	Learning brain effective connectivity networks via controllable variational autoencoder. , 2021, , .		2
51	Bayesian Networks Structure Learning and Its Application to Personalized Recommendation in a B2C Portal. , 0, , .		1
52	An improved bayesian networks learning algorithm based on independence test and MDL scoring. , 0, , .		1
53	An ant colony optimization algorithm for learning brain effective connectivity network from fMRI data. , 2016, , .		1
54	Attention-gated LSTM for Image Captioning. , 2019, , .		1

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55	Insula Functional Parcellation from FMRI Data via Improved Artificial Bee-Colony Clustering. Lecture Notes in Computer Science, 2017, , 72-82.	1.3	1
56	Ant Colony Clustering Approach Combined with Multilevel Framework for Functional Module Detection in Large-Scale PPI Networks. , 2014, , .		0
57	Bacterial biological mechanisms for functional module detection in PPI networks. , 2016, , .		0
58	Neighbouring Relationship Exploration Based on Graph Convolutional Network for Object Detection. , 2019, , .		0
59	Stability analysis of chemotaxis dynamics in bacterial foraging optimization over multi-dimensional objective functions. Soft Computing, 2020, 24, 3711-3725.	3.6	0