Shaojie Qiao

List of Publications by Year
in descending order

89 papers	1,471 citations	361413 20 h-index	361022 35 g-index
90 all docs	90 docs citations	90 times ranked	1238 citing authors

#	Article	IF	Citations
1	A Self-Adaptive Parameter Selection Trajectory Prediction Approach via Hidden Markov Models. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 284-296.	8.0	190
2	A rough set based dynamic maintenance approach for approximations in coarsening and refining attribute values. International Journal of Intelligent Systems, 2010, 25, 1005-1026.	5.7	77
3	Attention-Emotion-Enhanced Convolutional LSTM for Sentiment Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4332-4345.	11.3	71
4	DeepSite: bidirectional LSTM and CNN models for predicting DNA–protein binding. International Journal of Machine Learning and Cybernetics, 2020, 11, 841-851.	3.6	63
5	PutMode: prediction of uncertain trajectories in moving objects databases. Applied Intelligence, 2010, 33, 370-386.	5.3	60
6	Non-Negative Matrix Factorization With Locality Constrained Adaptive Graph. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 427-441.	8.3	59
7	TraPlan: An Effective Three-in-One Trajectory-Prediction Model in Transportation Networks. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1188-1198.	8.0	54
8	An emotional contagion model for heterogeneous social media with multiple behaviors. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 185-202.	2.6	54
9	A Fast Parallel Community Discovery Model on Complex Networks Through Approximate Optimization. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1638-1651.	5.7	48
10	Predicting Long-Term Trajectories of Connected Vehicles via the Prefix-Projection Technique. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2305-2315.	8.0	43
11	Hand Gesture Recognition using Deep Feature Fusion Network based on Wearable Sensors. IEEE Sensors Journal, 2020, , 1-1.	4.7	36
12	Parallel Sequential Pattern Mining of Massive Trajectory Data. International Journal of Computational Intelligence Systems, 2010, 3, 343-356.	2.7	32
13	Where to go: An effective point-of-interest recommendation framework for heterogeneous social networks. Neurocomputing, 2020, 373, 56-69.	5.9	32
14	Identification of DNA–protein binding sites by bootstrap multiple convolutional neural networks on sequence information. Engineering Applications of Artificial Intelligence, 2019, 79, 58-66.	8.1	30
15	SocialMix: A familiarity-based and preference-aware location suggestion approach. Engineering Applications of Artificial Intelligence, 2018, 68, 192-204.	8.1	28
16	A Bimodal Gaussian Inhomogeneous Poisson Algorithm for Bike Number Prediction in a Bike-Sharing System. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2848-2857.	8.0	27
17	Adaptive multiple graph regularized semi-supervised extreme learning machine. Soft Computing, 2018, 22, 3545-3562.	3.6	25
18	An effective image classification method for shallow densely connected convolution networks through squeezing and splitting techniques. Applied Intelligence, 2019, 49, 3570-3586.	5.3	24

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19	Discovering Organizational Structure in Dynamic Social Network. , 2009, , .		23
20	Small perturbations are enough: Adversarial attacks on time series prediction. Information Sciences, 2022, 587, 794-812.	6.9	22
21	Survey on vehicle map matching techniques. CAAI Transactions on Intelligence Technology, 2021, 6, 55-71.	8.1	21
22	Efficient Structural Clustering on Probabilistic Graphs. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1954-1968.	5.7	20
23	A point-of-interest suggestion algorithm in Multi-source geo-social networks. Engineering Applications of Artificial Intelligence, 2020, 88, 103374.	8.1	19
24	Automatic optic disc detection using low-rank representation based semi-supervised extreme learning machine. International Journal of Machine Learning and Cybernetics, 2020, 11, 55-69.	3.6	18
25	A new blockmodeling based hierarchical clustering algorithm for web social networks. Engineering Applications of Artificial Intelligence, 2012, 25, 640-647.	8.1	17
26	Overlapping community identification approach in online social networks. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 233-248.	2.6	17
27	NetSRE: Link predictability measuring and regulating. Knowledge-Based Systems, 2020, 196, 105800.	7.1	17
28	Dynamic discovery of favorite locations in spatio-temporal social networks. Information Processing and Management, 2020, 57, 102337.	8.6	17
29	Friendship prediction model based on factor graphs integrating geographical location. CAAI Transactions on Intelligence Technology, 2020, 5, 193-199.	8.1	16
30	Optimal Multiple Sink Nodes Deployment in Wireless Sensor Networks Based on Gene Expression Programming. , 2010, , .		15
31	An Efficient Destination Prediction Approach Based on Future Trajectory Prediction and Transition Matrix Optimization. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 203-217.	5.7	15
32	KISTCM: knowledge discovery system for traditional Chinese medicine. Applied Intelligence, 2010, 32, 346-363.	5.3	13
33	SimRank: A Page Rank approach based on similarity measure. , 2010, , .		13
34	Clustering Without Prior Knowledge Based on Gene Expression Programming. , 2007, , .		12
35	ADPDF: A Hybrid Attribute Discrimination Method for Psychometric Data With Fuzziness. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 265-278.	9.3	12
36	A novel Chinese herbal medicine clustering algorithm via artificial bee colony optimization. Artificial Intelligence in Medicine, 2019, 101, 101760.	6.5	12

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37	Analysis and design on intervehicle distance control of autonomous vehicle platoons. ISA Transactions, 2020, 100, 446-453.	5.7	12
38	DeepEC: Adversarial attacks against graph structure prediction models. Neurocomputing, 2021, 437, 168-185.	5.9	12
39	Dynamic Community Evolution Analysis Framework for Large-Scale Complex Networks Based on Strong and Weak Events. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6229-6243.	9.3	12
40	CAE-CNN: Predicting transcription factor binding site with convolutional autoencoder and convolutional neural network. Expert Systems With Applications, 2021, 183, 115404.	7.6	12
41	Affective Impression: Sentiment-Awareness POI Suggestion via Embedding in Heterogeneous LBSNs. IEEE Transactions on Affective Computing, 2022, 13, 272-284.	8.3	11
42	PartSpan: Parallel Sequence Mining of Trajectory Patterns. , 2008, , .		9
43	How to balance the bioinformatics data: pseudo-negative sampling. BMC Bioinformatics, 2019, 20, 695.	2.6	9
44	Arbitrary Shape Natural Scene Text Detection Method Based on Soft Attention Mechanism and Dilated Convolution. IEEE Access, 2020, 8, 122685-122694.	4.2	9
45	A Dynamic Convolutional Neural Network Based Shared-Bike Demand Forecasting Model. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-24.	4.5	9
46	STPR: A Personalized Next Point-of-Interest Recommendation Model with Spatio-Temporal Effects Based on Purpose Ranking. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 994-1005.	4.6	7
47	VCCM Mining: Mining Virtual Community Core Members Based on Gene Expression Programming. Lecture Notes in Computer Science, 2006, , 133-138.	1.3	7
48	Structural Predictability Optimization Against Inference Attacks in Data Publishing. IEEE Access, 2019, 7, 92119-92136.	4.2	6
49	Matrix factorization based Bayesian network embedding for efficient probabilistic inferences. Expert Systems With Applications, 2021, 169, 114294.	7.6	6
50	SOTB: Semi-Supervised Oversampling Approach Based on Trigonal Barycenter Theory. IEEE Access, 2020, 8, 50180-50189.	4.2	5
51	A Two-phase Method to Balance the Result of Distributed Graph Repartitioning. IEEE Transactions on Big Data, 2021, , 1-1.	6.1	5
52	LMNNB: Two-in-One imbalanced classification approach by combining metric learning and ensemble learning. Applied Intelligence, 2022, 52, 7870-7889.	5.3	5
53	An Energy-Efficient Tracking Algorithm Based on Gene Expression Programming in Wireless Sensor Networks. , 2009, , .		4
54	Multi-View Low-Rank Coding-Based Network Data De-Anonymization. IEEE Access, 2020, 8, 94575-94593.	4.2	4

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55	A parallel and constraint induced approach to modeling user preference from rating data. Knowledge-Based Systems, 2020, 204, 106206.	7.1	4
56	Robust Graph Structure Learning for Multimedia Data Analysis. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	4
57	Balancing large margin nearest neighbours for imbalanced data. Journal of Engineering, 2020, 2020, 316-321.	1.1	4
58	Hotspot District Trajectory Prediction. Lecture Notes in Computer Science, 2010, , 74-84.	1.3	4
59	A BiLSTM cardinality estimator in complex database systems based on attention mechanism. CAAI Transactions on Intelligence Technology, 2022, 7, 537-546.	8.1	4
60	A New Secure Network Upgrade System. , 2007, , .		3
61	Cryptanalysis on a Portable Privacy-Preserving Authentication and Access Control Protocol in VANETs. Wireless Personal Communications, 2014, 79, 1445-1454.	2.7	3
62	Sparse High-Noise GPS Trajectory Data Compression and Recovery Based on Compressed Sensing. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 811-821.	0.3	3
63	Signed Clique Search in Signed Networks: Concepts and Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	3
64	A movement model for air passengers based on trip purpose. Physica A: Statistical Mechanics and Its Applications, 2019, 525, 798-808.	2.6	3
65	A novel handover detection model via frequent trajectory patterns mining. International Journal of Machine Learning and Cybernetics, 2020, 11, 2587-2606.	3.6	3
66	A trajectory feature extraction approach based on spatial coding technique. Scientia Sinica Informationis, 2017, 47, 1523-1537.	0.4	3
67	Survey on vehicle map matching techniques. CAAI Transactions on Intelligence Technology, 2020, , .	8.1	3
68	Algorithms for Trajectory Points Clustering in Location-based Social Networks. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-29.	4.5	3
69	Heterogeneous representation learning and matching for few-shot relation prediction. Pattern Recognition, 2022, 131, 108830.	8.1	3
70	Efficiently mining outliers from trajectories of unrestraint movement. , 2010, , .		2
71	WebScore: An Effective Page Scoring Approach for Uncertain Web Social Networks. International Journal of Computational Intelligence Systems, 2011, 4, 1012-1021.	2.7	2
72	Key techniques for predicting the uncertain trajectories of moving objects with dynamic environment awareness. Journal of Modern Transportation, 2011, 19, 199-206.	2.5	2

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73	MANAGING UNCERTAINTY IN WEB-BASED SOCIAL NETWORKS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2012, 20, 147-158.	1.9	2
74	Handover detection approach based on trajectory data mining techniques. Journal of Engineering, 2018, 2018, 1534-1537.	1.1	2
75	Algorithm for detecting anomalous hosts based on group activity evolution. Knowledge-Based Systems, 2021, 214, 106734.	7.1	2
76	Platform-Oriented Event Time Allocation. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	2
77	Geometric correction method for Tibetan woodcut document images. Multimedia Tools and Applications, 0, , 1.	3.9	2
78	Multi-population Parallel Genetic Algorithm for Economic Statistical Information Mining Based on Gene Expression Programming. , 2007, , .		1
79	Construct Distributed RFID Data Warehouse Based On Concept Hierarchy. , 2007, , .		1
80	Efficient k-Closest-Pair Range-Queries in Spatial Databases. , 2008, , .		1
81	Parallel Multi-objective Gene Expression Programming Based on Area Penalty. , 2008, , .		1
82	Trajectory Data Mining in Distributed Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 913165.	2.2	1
83	Cardinality Estimator: Processing SQL with a Vertical Scanning Convolutional Neural Network. Journal of Computer Science and Technology, 2021, 36, 762-777.	1.5	1
84	Which, Who and How: Detecting fraudulent sale accumulation behavior from multi-dimensional sparse data. Knowledge-Based Systems, 2021, 228, 107260.	7.1	1
85	HCUBE: A HIERARCHICAL CLUSTERING ALGORITHM USING BLOCKMODELING IN WEB SOCIAL NETWORKS. , 2010, , .		1
86	An efficient approach for multiple probabilistic inferences with Deepwalk based Bayesian network embedding. Knowledge-Based Systems, 2022, 239, 107996.	7.1	1
87	Mining Multi-scale Intervention Rules from Time Series and Complex Network. International Journal of Computational Intelligence Systems, 2011, 4, 728-738.	2.7	0
88	DYNAMIC MAINTENANCE OF APPROXIMATIONS IN THE VARIABLE PRECISION LIMITED TOLERANCE RELATION BASED ROUGH SETS. , 2010, , .		0
89	Overlapping Community Based Relationship Discovery Algorithm for Herbs. , 2021, , .		0