

Shaojie Qiao

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

1,471
citations

361413

20
h-index

361022

35
g-index

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all docs

90
docs citations

90
times ranked

1238
citing authors

#	ARTICLE	IF	CITATIONS
1	Affective Impression: Sentiment-Awareness POI Suggestion via Embedding in Heterogeneous LBSNs. IEEE Transactions on Affective Computing, 2022, 13, 272-284.	8.3	11
2	Attention-Emotion-Enhanced Convolutional LSTM for Sentiment Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4332-4345.	11.3	71
3	LMNNB: Two-in-One imbalanced classification approach by combining metric learning and ensemble learning. Applied Intelligence, 2022, 52, 7870-7889.	5.3	5
4	Small perturbations are enough: Adversarial attacks on time series prediction. Information Sciences, 2022, 587, 794-812.	6.9	22
5	A BiLSTM cardinality estimator in complex database systems based on attention mechanism. CAAI Transactions on Intelligence Technology, 2022, 7, 537-546.	8.1	4
6	An efficient approach for multiple probabilistic inferences with Deepwalk based Bayesian network embedding. Knowledge-Based Systems, 2022, 239, 107996.	7.1	1
7	Algorithms for Trajectory Points Clustering in Location-based Social Networks. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-29.	4.5	3
8	Heterogeneous representation learning and matching for few-shot relation prediction. Pattern Recognition, 2022, 131, 108830.	8.1	3
9	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
10	Matrix factorization based Bayesian network embedding for efficient probabilistic inferences. Expert Systems With Applications, 2021, 169, 114294.	7.6	6
11	DeepEC: Adversarial attacks against graph structure prediction models. Neurocomputing, 2021, 437, 168-185.	5.9	12
12	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
13	A Two-phase Method to Balance the Result of Distributed Graph Repartitioning. IEEE Transactions on Big Data, 2021, , 1-1.	6.1	5
14	Algorithm for detecting anomalous hosts based on group activity evolution. Knowledge-Based Systems, 2021, 214, 106734.	7.1	2
15	Survey on vehicle map matching techniques. CAAI Transactions on Intelligence Technology, 2021, 6, 55-71.	8.1	21
16	Robust Graph Structure Learning for Multimedia Data Analysis. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	4
17	Cardinality Estimator: Processing SQL with a Vertical Scanning Convolutional Neural Network. Journal of Computer Science and Technology, 2021, 36, 762-777.	1.5	1
18	Which, Who and How: Detecting fraudulent sale accumulation behavior from multi-dimensional sparse data. Knowledge-Based Systems, 2021, 228, 107260.	7.1	1

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19	CAE-CNN: Predicting transcription factor binding site with convolutional autoencoder and convolutional neural network. Expert Systems With Applications, 2021, 183, 115404.	7.6	12
20	Platform-Oriented Event Time Allocation. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	2
21	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
22	Overlapping Community Based Relationship Discovery Algorithm for Herbs. , 2021, , .		0
23	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
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	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
26	Where to go: An effective point-of-interest recommendation framework for heterogeneous social networks. Neurocomputing, 2020, 373, 56-69.	5.9	32
27	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
28	Analysis and design on intervehicle distance control of autonomous vehicle platoons. ISA Transactions, 2020, 100, 446-453.	5.7	12
29	A point-of-interest suggestion algorithm in Multi-source geo-social networks. Engineering Applications of Artificial Intelligence, 2020, 88, 103374.	8.1	19
30	Arbitrary Shape Natural Scene Text Detection Method Based on Soft Attention Mechanism and Dilated Convolution. IEEE Access, 2020, 8, 122685-122694.	4.2	9
31	Hand Gesture Recognition using Deep Feature Fusion Network based on Wearable Sensors. IEEE Sensors Journal, 2020, , 1-1.	4.7	36
32	Multi-View Low-Rank Coding-Based Network Data De-Anonymization. IEEE Access, 2020, 8, 94575-94593.	4.2	4
33	NetSRE: Link predictability measuring and regulating. Knowledge-Based Systems, 2020, 196, 105800.	7.1	17
34	Dynamic discovery of favorite locations in spatio-temporal social networks. Information Processing and Management, 2020, 57, 102337.	8.6	17
35	A parallel and constraint induced approach to modeling user preference from rating data. Knowledge-Based Systems, 2020, 204, 106206.	7.1	4
36	A novel handover detection model via frequent trajectory patterns mining. International Journal of Machine Learning and Cybernetics, 2020, 11, 2587-2606.	3.6	3

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37	SOTB: Semi-Supervised Oversampling Approach Based on Trigonal Barycenter Theory. IEEE Access, 2020, 8, 50180-50189.	4.2	5
38	Balancing large margin nearest neighbours for imbalanced data. Journal of Engineering, 2020, 2020, 316-321.	1.1	4
39	Friendship prediction model based on factor graphs integrating geographical location. CAAI Transactions on Intelligence Technology, 2020, 5, 193-199.	8.1	16
40	Survey on vehicle map matching techniques. CAAI Transactions on Intelligence Technology, 2020, , .	8.1	3
41	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
42	A novel Chinese herbal medicine clustering algorithm via artificial bee colony optimization. Artificial Intelligence in Medicine, 2019, 101, 101760.	6.5	12
43	Structural Predictability Optimization Against Inference Attacks in Data Publishing. IEEE Access, 2019, 7, 92119-92136.	4.2	6
44	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
45	Signed Clique Search in Signed Networks: Concepts and Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	3
46	A movement model for air passengers based on trip purpose. Physica A: Statistical Mechanics and Its Applications, 2019, 525, 798-808.	2.6	3
47	How to balance the bioinformatics data: pseudo-negative sampling. BMC Bioinformatics, 2019, 20, 695.	2.6	9
48	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
49	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
50	Efficient Structural Clustering on Probabilistic Graphs. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1954-1968.	5.7	20
51	Adaptive multiple graph regularized semi-supervised extreme learning machine. Soft Computing, 2018, 22, 3545-3562.	3.6	25
52	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
53	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
54	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

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55	SocialMix: A familiarity-based and preference-aware location suggestion approach. Engineering Applications of Artificial Intelligence, 2018, 68, 192-204.	8.1	28
56	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
57	Handover detection approach based on trajectory data mining techniques. Journal of Engineering, 2018, 2018, 1534-1537.	1.1	2
58	A trajectory feature extraction approach based on spatial coding technique. Scientia Sinica Informationis, 2017, 47, 1523-1537.	0.4	3
59	Trajectory Data Mining in Distributed Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 913165.	2.2	1
60	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
61	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
62	Overlapping community identification approach in online social networks. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 233-248.	2.6	17
63	Cryptanalysis on a Portable Privacy-Preserving Authentication and Access Control Protocol in VANETs. Wireless Personal Communications, 2014, 79, 1445-1454.	2.7	3
64	MANAGING UNCERTAINTY IN WEB-BASED SOCIAL NETWORKS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2012, 20, 147-158.	1.9	2
65	A new blockmodeling based hierarchical clustering algorithm for web social networks. Engineering Applications of Artificial Intelligence, 2012, 25, 640-647.	8.1	17
66	WebScore: An Effective Page Scoring Approach for Uncertain Web Social Networks. International Journal of Computational Intelligence Systems, 2011, 4, 1012-1021.	2.7	2
67	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
68	Mining Multi-scale Intervention Rules from Time Series and Complex Network. International Journal of Computational Intelligence Systems, 2011, 4, 728-738.	2.7	0
69	KISTCM: knowledge discovery system for traditional Chinese medicine. Applied Intelligence, 2010, 32, 346-363.	5.3	13
70	PutMode: prediction of uncertain trajectories in moving objects databases. Applied Intelligence, 2010, 33, 370-386.	5.3	60
71	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
72	Parallel Sequential Pattern Mining of Massive Trajectory Data. International Journal of Computational Intelligence Systems, 2010, 3, 343-356.	2.7	32

#	ARTICLE	IF	CITATIONS
73	Efficiently mining outliers from trajectories of unrestraint movement. , 2010, , .		2
74	Optimal Multiple Sink Nodes Deployment in Wireless Sensor Networks Based on Gene Expression Programming. , 2010, , .		15
75	SimRank: A Page Rank approach based on similarity measure. , 2010, , .		13
76	Hotspot District Trajectory Prediction. Lecture Notes in Computer Science, 2010, , 74-84.	1.3	4
77	HCUBE: A HIERARCHICAL CLUSTERING ALGORITHM USING BLOCKMODELING IN WEB SOCIAL NETWORKS. , 2010, , .		1
78	DYNAMIC MAINTENANCE OF APPROXIMATIONS IN THE VARIABLE PRECISION LIMITED TOLERANCE RELATION BASED ROUGH SETS. , 2010, , .		0
79	An Energy-Efficient Tracking Algorithm Based on Gene Expression Programming in Wireless Sensor Networks. , 2009, , .		4
80	Discovering Organizational Structure in Dynamic Social Network. , 2009, , .		23
81	Efficient k-Closest-Pair Range-Queries in Spatial Databases. , 2008, , .		1
82	Parallel Multi-objective Gene Expression Programming Based on Area Penalty. , 2008, , .		1
83	PartSpan: Parallel Sequence Mining of Trajectory Patterns. , 2008, , .		9
84	Multi-population Parallel Genetic Algorithm for Economic Statistical Information Mining Based on Gene Expression Programming. , 2007, , .		1
85	Clustering Without Prior Knowledge Based on Gene Expression Programming. , 2007, , .		12
86	Construct Distributed RFID Data Warehouse Based On Concept Hierarchy. , 2007, , .		1
87	A New Secure Network Upgrade System. , 2007, , .		3
88	VCCM Mining: Mining Virtual Community Core Members Based on Gene Expression Programming. Lecture Notes in Computer Science, 2006, , 133-138.	1.3	7
89	Geometric correction method for Tibetan woodcut document images. Multimedia Tools and Applications, 0, , 1.	3.9	2