Baocai Yin

List of Publications by Year
in descending order

61 papers	**848** citations	687363 **13** h-index	526287 **27** g-index
61 all docs	**61** docs citations	**61** times ranked	**456** citing authors

#	ARTICLE	IF	CITATIONS
1	Parallelly Adaptive Graph Convolutional Clustering Model. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-14.	11.3	5
2	CCST: crowd counting with swin transformer. Visual Computer, 2023, 39, 2671-2682.	3.5	9
3	Self-Attention Graph Convolution Residual Network for Traffic Data Completion. IEEE Transactions on Big Data, 2023, 9, 528-541.	6.1	3
4	Dynamic Graph Convolution Network for Traffic Forecasting Based on Latent Network of Laplace Matrix Estimation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1009-1018.	8.0	69
5	An Optimized Temporal-Spatial Gated Graph Convolution Network for Traffic Forecasting. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 153-162.	3.8	5
6	A Two-Stage Attentive Network for Single Image Super-Resolution. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1020-1033.	8.3	34
7	PMAN: Progressive Multi-Attention Network for Human Pose Transfer. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 302-314.	8.3	8
8	Incomplete Descriptor Mining With Elastic Loss for Person Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 160-171.	8.3	32
9	Deep Learning on Traffic Prediction: Methods, Analysis, and Future Directions. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4927-4943.	8.0	119
10	Urban Traffic Pattern Analysis and Applications Based on Spatio-Temporal Non-Negative Matrix Factorization. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12752-12765.	8.0	7
11	PCGAN: Prediction-Compensation Generative Adversarial Network for Meshes. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4667-4679.	8.3	0
12	Dynamic Transfer Reference Point-Oriented MOEA/D Involving Local Objective-Space Knowledge. IEEE Transactions on Evolutionary Computation, 2022, 26, 542-554.	10.0	19
13	Tracking the sliding of grain boundaries at the atomic scale. Science, 2022, 375, 1261-1265.	12.6	115
14	Cross-modal alignment with graph reasoning for image-text retrieval. Multimedia Tools and Applications, 2022, 81, 23615-23632.	3.9	3
15	A Spatial Relationship Preserving Adversarial Network for 3D Reconstruction from a Single Depth View. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-22.	4.3	3
16	Spatiotemporal traffic data imputation via tensorial weighted Schatten-p norm minimization. IET Intelligent Transport Systems, 2022, 16, 926-939.	3.0	1
17	Multitask Hypergraph Convolutional Networks: A Heterogeneous Traffic Prediction Framework. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18557-18567.	8.0	13
18	Traffic forecasting with missing data via low rank dynamic mode decomposition of tensor. IET Intelligent Transport Systems, 2022, 16, 1164-1176.	3.0	1

#	Article	IF	Citations
19	Student achievement prediction using deep neural network from multi-source campus data. Complex & Intelligent Systems, 2022, 8, 5143-5156.	6.5	7
20	Improving object detection quality with structural constraints. PLoS ONE, 2022, 17, e0267863.	2.5	0
21	Logarithmic Schatten-p Norm Minimization for Tensorial Multi-view Subspace Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-1.	13.9	2
22	TCSA-Net: A Temporal-Context-Based Self-Attention Network for Next Location Prediction. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20735-20745.	8.0	3
23	Recommending Fine-Grained Tool Consistent With Common Sense Knowledge for Robot. IEEE Robotics and Automation Letters, 2022, 7, 8574-8581.	5.1	1
24	Hierarchical Graph Convolutional Networks for Structured Long Document Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, , 1-15.	11.3	1
25	Discriminative matrix-variate restricted Boltzmann machine classification model. Wireless Networks, 2021, 27, 3621-3633.	3.0	1
26	Interactive Visual Exploration of Human Mobility Correlation Based on Smart Card Data. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4825-4837.	8.0	11
27	A Low Rank Dynamic Mode Decomposition Model for Short-Term Traffic Flow Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6547-6560.	8.0	22
28	A Spatial–Temporal Attention Approach for Traffic Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4909-4918.	8.0	91
29	Variational Deep Embedding Clustering by Augmented Mutual Information Maximization. , 2021, , .		2
30	An Unsupervised Ensemble Clustering Approach for the Analysis of Student Behavioral Patterns. IEEE Access, 2021, 9, 7076-7091.	4.2	15
31	Metro Passenger Flow Prediction via Dynamic Hypergraph Convolution Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7891-7903.	8.0	59
32	AKM^{3}C: Adaptive K-Multiple-Means for Multi-View Clustering. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4214-4226.	8.3	14
33	A Spectral Clustering on Grassmann Manifold via Double Low Rank Constraint. , 2021, , .		1
34	Deep3D reconstruction: methods, data, and challenges. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 652-672.	2.6	8
35	Learning the Incremental Warp for 3D Vehicle Tracking in LiDAR Point Clouds. Remote Sensing, 2021, 13, 2770.	4.0	3
36	Hierarchical Attention Transformer Networks for Long Document Classification. , 2021, , .		1

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37	An improved ℓ_1 median model for extracting 3D human body curve-skeleton. Multimedia Tools and Applications, 2021, 80, 33547-33571.	3.9	2
38	Latent Feature-Aware and Local Structure-Preserving Network for 3D Completion from a Single Depth View. Lecture Notes in Computer Science, 2021, , 67-79.	1.3	0
39	Zero-Shot Text Classification with Semantically Extended Graph Convolutional Network. , 2021, , .		7
40	Low Rank Representation on Product Grassmann Manifolds for Multi-view Subspace Clustering. , 2021, , .		3
41	3D human body skeleton extraction from consecutive surfaces using a spatial–temporal consistency model. Visual Computer, 2021, 37, 1045-1059.	3.5	6
42	MemoMusic: A Personalized Music Recommendation Framework Based on Emotion and Memory. , 2021, , .		4
43	Attentive 3D-Ghost Module for Dynamic Hand Gesture Recognition with Positive Knowledge Transfer. Computational Intelligence and Neuroscience, 2021, 2021, 1-12.	1.7	1
44	Zero-shot Recognition with Image Attributes Generation using Hierarchical Coupled Dictionary Learning. , 2021, , .		2
45	Spatial-temporal-spectral transformer for 3D human pose estimation. , 2021, , .		0
46	End-to-end deep metric network for visual tracking. Visual Computer, 2020, 36, 1219-1232.	3.5	8
47	Visual analysis method for abnormal passenger flow on urban metro network. Journal of Visualization, 2020, 23, 1035-1052.	1.8	2
48	Crowd Motion Editing Based on Mesh Deformation. International Journal of Digital Multimedia Broadcasting, 2020, 2020, 1-13.	0.6	5
49	Modeling Relation Proximity of Passengers Using Public Transit Smart Card Data. IEEE Intelligent Transportation Systems Magazine, 2020, , 0-0.	3.8	3
50	Visual Analytic Method for Students' Association via Modularity Optimization. Applied Sciences (Switzerland), 2020, 10, 2813.	2.5	1
51	Nonlinear Subspace Clustering via Adaptive Graph Regularized Autoencoder. IEEE Access, 2019, 7, 74122-74133.	4.2	15
52	PGAN: Prediction Generative Adversarial Nets for Meshes. , 2019, , .		1
53	A Progressive Background Updating Based Coding Scheme for Surveillance Videos. , 2019, , .		1
54	An Improved Decomposition-based Multi-objective Evolutionary Algorithm with Enhanced Differential Evolution Strategy. , 2019, , .		1

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55	Learning to Predict Bus Arrival Time From Heterogeneous Measurements via Recurrent Neural Network. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3283-3293.	8.0	52
56	Effective human action recognition using global and local offsets of skeleton joints. Multimedia Tools and Applications, 2019, 78, 6329-6353.	3.9	13
57	Localized LRR on Grassmann Manifold: An Extrinsic View. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2524-2536.	8.3	12
58	Adaptive Geometry Images for Remeshing. International Journal of Digital Multimedia Broadcasting, 2017, 2017, 1-15.	0.6	0
59	Locality Preserving Projections for Grassmann manifold. , 2017, , .		16
60	Mixture of Bilateral-Projection Two-Dimensional Probabilistic Principal Component Analysis. , 2016, , .		2
61	Learning visual-and-semantic knowledge embedding for zero-shot image classification. Applied Intelligence, 0, , .	5.3	3