Yong Zhang

List of Publications by Year
in descending order

41 papers	392 citations	840776 11 h-index	839539 18 g-index
41 all docs	41 docs citations	41 times ranked	285 citing authors

#	Article	IF	Citations
1	Metro Passenger-Flow Representation via Dynamic Mode Decomposition and Its Application. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 157-170.	11.3	2
2	CaEGCN: Cross-Attention Fusion Based Enhanced Graph Convolutional Network for Clustering. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3471-3483.	5.7	15
3	STGAN: Spatio-Temporal Generative Adversarial Network for Traffic Data Imputation. IEEE Transactions on Big Data, 2023, 9, 200-211.	6.1	12
4	CCST: crowd counting with swin transformer. Visual Computer, 2023, 39, 2671-2682.	3.5	9
5	Self-Attention Graph Convolution Residual Network for Traffic Data Completion. IEEE Transactions on Big Data, 2023, 9, 528-541.	6.1	3
6	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
7	Text-to-Traffic Generative Adversarial Network for Traffic Situation Generation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2623-2636.	8.0	2
8	Unpaired Underwater Image Enhancement Based on CycleGAN. Information (Switzerland), 2022, 13, 1.	2.9	10
9	Spatiotemporal traffic data imputation via tensorial weighted Schatten–p norm minimization. IET Intelligent Transport Systems, 2022, 16, 926-939.	3.0	1
10	Multitask Hypergraph Convolutional Networks: A Heterogeneous Traffic Prediction Framework. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18557-18567.	8.0	13
11	Traffic forecasting with missing data via low rank dynamic mode decomposition of tensor. IET Intelligent Transport Systems, 2022, 16, 1164-1176.	3.0	1
12	Student achievement prediction using deep neural network from multi-source campus data. Complex & Intelligent Systems, 2022, 8, 5143-5156.	6.5	7
13	Multi-view hypergraph neural networks for student academic performance prediction. Engineering Applications of Artificial Intelligence, 2022, 114, 105174.	8.1	8
14	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
15	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
16	An Unsupervised Ensemble Clustering Approach for the Analysis of Student Behavioral Patterns. IEEE Access, 2021, 9, 7076-7091.	4.2	15
17	Metro Passenger Flow Prediction via Dynamic Hypergraph Convolution Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7891-7903.	8.0	59
18	An improved ℓ_1 median model for extracting 3D human body curve-skeleton. Multimedia Tools and Applications, 2021, 80, 33547-33571.	3.9	2

#	Article	IF	Citations
19	Dual-Channel Heterogeneous Graph Network for Author Name Disambiguation. Information (Switzerland), 2021, 12, 383.	2.9	2
20	TRFH: towards real-time face detection and head pose estimation. Pattern Analysis and Applications, 2021, 24, 1745-1755.	4.6	6
21	3D human body skeleton extraction from consecutive surfaces using a spatial–temporal consistency model. Visual Computer, 2021, 37, 1045-1059.	3.5	6
22	Exploring Passengers' Dependency Variety on Stations' Functions in Urban Subway. Journal of Advanced Transportation, 2021, 2021, 1-14.	1.7	2
23	Irregular Travel Groups Detection Based on Cascade Clustering in Urban Subway. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2216-2225.	8.0	13
24	Visual analysis method for abnormal passenger flow on urban metro network. Journal of Visualization, 2020, 23, 1035-1052.	1.8	2
25	Crowd Motion Editing Based on Mesh Deformation. International Journal of Digital Multimedia Broadcasting, 2020, 2020, 1-13.	0.6	5
26	Modeling Relation Proximity of Passengers Using Public Transit Smart Card Data. IEEE Intelligent Transportation Systems Magazine, 2020, , 0-0.	3.8	3
27	Multi-View Interactive Visual Exploration of Individual Association for Public Transportation Passengers. Applied Sciences (Switzerland), 2020, 10, 628.	2.5	0
28	Visual Analytic Method for Metro Anomaly Detection and Diffusion. Journal of Advanced Transportation, 2020, 2020, 1-12.	1.7	2
29	Traffic Data Reconstruction via Adaptive Spatial-Temporal Correlations. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1531-1543.	8.0	63
30	Multi-source traffic data reconstruction using joint low-rank and fundamental diagram constraints. IEEE Intelligent Transportation Systems Magazine, 2019, 11, 221-234.	3.8	4
31	Detecting Pickpocketing Gangs on Buses with Smart Card Data. IEEE Intelligent Transportation Systems Magazine, 2019, 11, 181-199.	3.8	11
32	A New Lane-Changing Model with Consideration of Driving Style. International Journal of Intelligent Transportation Systems Research, 2019, 17, 181-189.	1.1	17
33	L0-regularization-based skeleton optimization from consecutive point sets of kinetic human body. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 143, 124-133.	11.1	6
34	An Improved Robust Principal Component Analysis Model for Anomalies Detection of Subway Passenger Flow. Journal of Advanced Transportation, 2018, 2018, 1-12.	1.7	17
35	A New Car-Following Model considering Driving Characteristics and Preceding Vehicle's Acceleration. Journal of Advanced Transportation, 2017, 2017, 1-14.	1.7	12
36	RSS Fingerprint Based Indoor Localization Using Sparse Representation with Spatio-Temporal Constraint. Sensors, 2016, 16, 1845.	3.8	1

#	Article	IF	Citations
37	Low-rank representation based traffic data completion method. , 2016, , .		1
38	Fisher discrimination-based $$l_{2,1}$$ $l 2 , 1$ -norm sparse representation for face recognition. Visual Computer, 2016, 32, 1165-1178.	3.5	11
39	Threshold Research on Highway Length under Typical Landscape Patterns Based on Drivers' Physiological Performance. Discrete Dynamics in Nature and Society, 2015, 2015, 1-15.	0.9	5
40	Adaptive particle shape setting and normal calculation methods in fluid rendering. Multimedia Tools and Applications, 2014, 71, 517-532.	3.9	0
41	A RGB and D vision aided multi-sensor system for indoor mobile robot and pedestrian seamless navigation. , 2014, , .		4