

# Yong Zhang

## List of Publications by Year in descending order

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41  
papers

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citations

840776

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41  
docs citations

41  
times ranked

285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traffic Data Reconstruction via Adaptive Spatial-Temporal Correlations. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1531-1543.	8.0	63
2	Metro Passenger Flow Prediction via Dynamic Hypergraph Convolution Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7891-7903.	8.0	59
3	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
4	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
5	A New Lane-Changing Model with Consideration of Driving Style. International Journal of Intelligent Transportation Systems Research, 2019, 17, 181-189.	1.1	17
6	An Unsupervised Ensemble Clustering Approach for the Analysis of Student Behavioral Patterns. IEEE Access, 2021, 9, 7076-7091.	4.2	15
7	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
8	Irregular Travel Groups Detection Based on Cascade Clustering in Urban Subway. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2216-2225.	8.0	13
9	Multitask Hypergraph Convolutional Networks: A Heterogeneous Traffic Prediction Framework. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18557-18567.	8.0	13
10	A New Car-Following Model considering Driving Characteristics and Preceding Vehicle's Acceleration. Journal of Advanced Transportation, 2017, 2017, 1-14.	1.7	12
11	STGAN: Spatio-Temporal Generative Adversarial Network for Traffic Data Imputation. IEEE Transactions on Big Data, 2023, 9, 200-211.	6.1	12
12	Fisher discrimination-based $\ell_{2,1}$ $\ell_{2,1}$ -norm sparse representation for face recognition. Visual Computer, 2016, 32, 1165-1178.	3.5	11
13	Detecting Pickpocketing Gangs on Buses with Smart Card Data. IEEE Intelligent Transportation Systems Magazine, 2019, 11, 181-199.	3.8	11
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	Unpaired Underwater Image Enhancement Based on CycleGAN. Information (Switzerland), 2022, 13, 1.	2.9	10
16	CCST: crowd counting with swin transformer. Visual Computer, 2023, 39, 2671-2682.	3.5	9
17	Multi-view hypergraph neural networks for student academic performance prediction. Engineering Applications of Artificial Intelligence, 2022, 114, 105174.	8.1	8
18	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

#	ARTICLE	IF	CITATIONS
19	Student achievement prediction using deep neural network from multi-source campus data. <i>Complex &amp; Intelligent Systems</i> , 2022, 8, 5143-5156.	6.5	7
20	L0-regularization-based skeleton optimization from consecutive point sets of kinetic human body. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 143, 124-133.	11.1	6
21	TRFH: towards real-time face detection and head pose estimation. <i>Pattern Analysis and Applications</i> , 2021, 24, 1745-1755.	4.6	6
22	3D human body skeleton extraction from consecutive surfaces using a spatial-temporal consistency model. <i>Visual Computer</i> , 2021, 37, 1045-1059.	3.5	6
23	Threshold Research on Highway Length under Typical Landscape Patterns Based on Drivers' Physiological Performance. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-15.	0.9	5
24	Crowd Motion Editing Based on Mesh Deformation. <i>International Journal of Digital Multimedia Broadcasting</i> , 2020, 2020, 1-13.	0.6	5
25	A RGB and D vision aided multi-sensor system for indoor mobile robot and pedestrian seamless navigation. , 2014, , .		4
26	Multi-source traffic data reconstruction using joint low-rank and fundamental diagram constraints. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2019, 11, 221-234.	3.8	4
27	Modeling Relation Proximity of Passengers Using Public Transit Smart Card Data. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2020, , 0-0.	3.8	3
28	Self-Attention Graph Convolution Residual Network for Traffic Data Completion. <i>IEEE Transactions on Big Data</i> , 2023, 9, 528-541.	6.1	3
29	Visual analysis method for abnormal passenger flow on urban metro network. <i>Journal of Visualization</i> , 2020, 23, 1035-1052.	1.8	2
30	An improved $\ell_1$ median model for extracting 3D human body curve-skeleton. <i>Multimedia Tools and Applications</i> , 2021, 80, 33547-33571.	3.9	2
31	Dual-Channel Heterogeneous Graph Network for Author Name Disambiguation. <i>Information (Switzerland)</i> , 2021, 12, 383.	2.9	2
32	Metro Passenger-Flow Representation via Dynamic Mode Decomposition and Its Application. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 157-170.	11.3	2
33	Visual Analytic Method for Metro Anomaly Detection and Diffusion. <i>Journal of Advanced Transportation</i> , 2020, 2020, 1-12.	1.7	2
34	Exploring Passengers' Dependency Variety on Stations' Functions in Urban Subway. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-14.	1.7	2
35	Text-to-Traffic Generative Adversarial Network for Traffic Situation Generation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 2623-2636.	8.0	2
36	RSS Fingerprint Based Indoor Localization Using Sparse Representation with Spatio-Temporal Constraint. <i>Sensors</i> , 2016, 16, 1845.	3.8	1

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37	Low-rank representation based traffic data completion method. , 2016, , .		1
38	Spatiotemporal traffic data imputation via tensorial weighted Schatten- $p$ norm minimization. IET Intelligent Transport Systems, 2022, 16, 926-939.	3.0	1
39	Traffic forecasting with missing data via low rank dynamic mode decomposition of tensor. IET Intelligent Transport Systems, 2022, 16, 1164-1176.	3.0	1
40	Adaptive particle shape setting and normal calculation methods in fluid rendering. Multimedia Tools and Applications, 2014, 71, 517-532.	3.9	0
41	Multi-View Interactive Visual Exploration of Individual Association for Public Transportation Passengers. Applied Sciences (Switzerland), 2020, 10, 628.	2.5	0