Khac-Hoai Nam Bui

List of Publications by Year
in descending order

32 papers	560 citations	759055 12 h-index	677027 22 g-index
32 all docs	32 docs citations	32 times ranked	441 citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial-temporal graph neural network for traffic forecasting: An overview and open research issues. Applied Intelligence, 2022, 52, 2763-2774.	3.3	64
2	An Automated Hyperparameter Search-Based Deep Learning Model for Highway Traffic Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5486-5495.	4.7	42
3	Data‐driven exploratory approach on player valuation in football transfer market. Concurrency Computation Practice and Experience, 2021, 33, e5353.	1.4	6
4	An image generation approach for traffic density classification at large-scale road network. Journal of Information and Telecommunication, 2021, 5, 296-309.	2.2	2
5	Real-Time Social Distancing Alert System Using Pose Estimation on Smart Edge Devices. Communications in Computer and Information Science, 2021, , 291-300.	0.4	0
6	UVDS: A New Dataset for Traffic Forecasting with Spatial-Temporal Correlation. Lecture Notes in Computer Science, 2021, , 66-77.	1.0	4
7	An Embedding Method for Sentiment Classification across Multiple Languages. , 2021, , .		1
8	A novel network virtualization based on data analytics in connected environment. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 75-86.	3.3	9
9	Distributed artificial bee colony approach for connected appliances in smart home energy management system. Expert Systems, 2020, 37, e12521.	2.9	17
10	Traffic Density Classification Using Sound Datasets: An Empirical Study on Traffic Flow at Asymmetric Roads. IEEE Access, 2020, 8, 125671-125679.	2.6	19
11	A Vehicle Counts by Class Framework using Distinguished Regions Tracking at Multiple Intersections. , 2020, , .		24
12	Optimal Hyperparameter Tuning using Meta-Learning for Big Traffic Datasets. , 2020, , .		3
13	A Multi-Class Multi-Movement Vehicle Counting Framework for Traffic Analysis in Complex Areas Using CCTV Systems. Energies, 2020, 13, 2036.	1.6	27
14	Video-Based Traffic Flow Analysis for Turning Volume Estimation at Signalized Intersections. Lecture Notes in Computer Science, 2020, , 152-162.	1.0	7
15	A Deep Learning LSTM Framework for Urban Traffic Flow and Fine Dust Prediction. Journal of KIISE, 2020, 47, 292-297.	0.0	6
16	Image Generation-based Traffic Density Classification for Large-Scale Urban Road Networks. KIISE Transactions on Computing Practices, 2020, 26, 499-506.	0.1	0
17	Implementing A Deep Learning Framework for Short Term Traffic Flow Prediction. , 2019, , .		21
18	ACO-Based Dynamic Decision Making for Connected Vehicles in IoT System. IEEE Transactions on Industrial Informatics, 2019, 15, 5648-5655.	7.2	53

#	Article	IF	Citations
19	Bio-inspired energy efficient clustering approach for wireless sensor networks. , 2019, , .		5
20	Computational negotiation-based edge analytics for smart objects. Information Sciences, 2019, 480, 222-236.	4.0	24
21	VDS Data-Based Deep Learning Approach for Traffic Forecasting Using LSTM Network. Lecture Notes in Computer Science, 2019, , 547-558.	1.0	12
22	Multi-stage Clustering Algorithm for Energy Optimization in Wireless Sensor Networks. Communications in Computer and Information Science, 2019, , 223-238.	0.4	7
23	Cooperative game-theoretic approach to traffic flow optimization for multiple intersections. Computers and Electrical Engineering, 2018, 71, 1012-1024.	3.0	55
24	Internet of agents framework for connected vehicles: A case study on distributed traffic control system. Journal of Parallel and Distributed Computing, 2018, 116, 89-95.	2.7	45
25	Towards Social Signal Separation Based on Reconstruction Independent Component Analysis. Lecture Notes in Computer Science, 2018, , 185-196.	1.0	0
26	Consensual Negotiation-Based Decision Making for Connected Appliances in Smart Home Management Systems. Sensors, 2018, 18, 2206.	2.1	18
27	Network Engineering: Towards Data-Driven Framework for Network Configuration. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 60-65.	0.2	0
28	Real-Time Traffic Flow Management Based on Inter-Object Communication: a Case Study at Intersection. Mobile Networks and Applications, 2017, 22, 613-624.	2.2	30
29	Game theoretic approach on Real-time decision making for IoT-based traffic light control. Concurrency Computation Practice and Experience, 2017, 29, e4077.	1.4	45
30	Cooperative Game Theoretic Approach for Distributed Resource Allocation in Heterogeneous Network. , 2017, , .		4
31	Context-Based Traffic Recommendation System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 122-131.	0.2	1
32	Dynamic Traffic Light Control System Based on Process Synchronization Among Connected Vehicles. Advances in Intelligent Systems and Computing, 2016, , 77-85.	0.5	9