

# Khac-Hoai Nam Bui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4036940/publications.pdf>

Version: 2024-02-01

32  
papers

560  
citations

759233

12  
h-index

677142

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.	5.3	64
2	Cooperative game-theoretic approach to traffic flow optimization for multiple intersections. Computers and Electrical Engineering, 2018, 71, 1012-1024.	4.8	55
3	ACO-Based Dynamic Decision Making for Connected Vehicles in IoT System. IEEE Transactions on Industrial Informatics, 2019, 15, 5648-5655.	11.3	53
4	Game theoretic approach on Real-time decision making for IoT-based traffic light control. Concurrency Computation Practice and Experience, 2017, 29, e4077.	2.2	45
5	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.	4.1	45
6	An Automated Hyperparameter Search-Based Deep Learning Model for Highway Traffic Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5486-5495.	8.0	42
7	Real-Time Traffic Flow Management Based on Inter-Object Communication: a Case Study at Intersection. Mobile Networks and Applications, 2017, 22, 613-624.	3.3	30
8	A Multi-Class Multi-Movement Vehicle Counting Framework for Traffic Analysis in Complex Areas Using CCTV Systems. Energies, 2020, 13, 2036.	3.1	27
9	Computational negotiation-based edge analytics for smart objects. Information Sciences, 2019, 480, 222-236.	6.9	24
10	A Vehicle Counts by Class Framework using Distinguished Regions Tracking at Multiple Intersections. , 2020, , .		24
11	Implementing A Deep Learning Framework for Short Term Traffic Flow Prediction. , 2019, , .		21
12	Traffic Density Classification Using Sound Datasets: An Empirical Study on Traffic Flow at Asymmetric Roads. IEEE Access, 2020, 8, 125671-125679.	4.2	19
13	Consensual Negotiation-Based Decision Making for Connected Appliances in Smart Home Management Systems. Sensors, 2018, 18, 2206.	3.8	18
14	Distributed artificial bee colony approach for connected appliances in smart home energy management system. Expert Systems, 2020, 37, e12521.	4.5	17
15	VDS Data-Based Deep Learning Approach for Traffic Forecasting Using LSTM Network. Lecture Notes in Computer Science, 2019, , 547-558.	1.3	12
16	Dynamic Traffic Light Control System Based on Process Synchronization Among Connected Vehicles. Advances in Intelligent Systems and Computing, 2016, , 77-85.	0.6	9
17	A novel network virtualization based on data analytics in connected environment. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 75-86.	4.9	9
18	Video-Based Traffic Flow Analysis for Turning Volume Estimation at Signalized Intersections. Lecture Notes in Computer Science, 2020, , 152-162.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Multi-stage Clustering Algorithm for Energy Optimization in Wireless Sensor Networks. Communications in Computer and Information Science, 2019, , 223-238.	0.5	7
20	Data-driven exploratory approach on player valuation in football transfer market. Concurrency Computation Practice and Experience, 2021, 33, e5353.	2.2	6
21	A Deep Learning LSTM Framework for Urban Traffic Flow and Fine Dust Prediction. Journal of KIISE, 2020, 47, 292-297.	0.1	6
22	Bio-inspired energy efficient clustering approach for wireless sensor networks. , 2019, , .		5
23	Cooperative Game Theoretic Approach for Distributed Resource Allocation in Heterogeneous Network. , 2017, , .		4
24	UVDS: A New Dataset for Traffic Forecasting with Spatial-Temporal Correlation. Lecture Notes in Computer Science, 2021, , 66-77.	1.3	4
25	Optimal Hyperparameter Tuning using Meta-Learning for Big Traffic Datasets. , 2020, , .		3
26	An image generation approach for traffic density classification at large-scale road network. Journal of Information and Telecommunication, 2021, 5, 296-309.	2.8	2
27	Context-Based Traffic Recommendation System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 122-131.	0.3	1
28	An Embedding Method for Sentiment Classification across Multiple Languages. , 2021, , .		1
29	Towards Social Signal Separation Based on Reconstruction Independent Component Analysis. Lecture Notes in Computer Science, 2018, , 185-196.	1.3	0
30	Real-Time Social Distancing Alert System Using Pose Estimation on Smart Edge Devices. Communications in Computer and Information Science, 2021, , 291-300.	0.5	0
31	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.	0.3	0
32	Image Generation-based Traffic Density Classification for Large-Scale Urban Road Networks. KIISE Transactions on Computing Practices, 2020, 26, 499-506.	0.1	0