

# Longbiao Chen

## List of Publications by Year in descending order

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53  
papers

927  
citations

933264

10  
h-index

610775

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g-index

54  
all docs

54  
docs citations

54  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal analysis of urban crime leveraging multisource crowdsensed data. Personal and Ubiquitous Computing, 2023, 27, 599-612.	1.9	16
2	RedPacketBike: A Graph-Based Demand Modeling and Crowd-Driven Station Rebalancing Framework for Bike Sharing Systems. IEEE Transactions on Mobile Computing, 2023, 22, 4236-4252.	3.9	7
3	Indoor 3D Human Trajectory Reconstruction Using Surveillance Camera Videos and Point Clouds. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2482-2495.	5.6	5
4	Dynamic road crime risk prediction with urban open data. Frontiers of Computer Science, 2022, 16, 1.	1.6	1
5	PANDA: predicting road risks after natural disasters leveraging heterogeneous urban data. CCF Transactions on Pervasive Computing and Interaction, 2022, 4, 393-407.	1.7	3
6	Assessment of agricultural sustainability in European Union countries: a group-based multivariate trajectory approach. AStA Advances in Statistical Analysis, 2022, 106, 673-703.	0.4	15
7	Data-Driven C-RAN Optimization Exploiting Traffic and Mobility Dynamics of Mobile Users. IEEE Transactions on Mobile Computing, 2021, 20, 1773-1788.	3.9	24
8	ESCORT: Fine-Grained Urban Crime Risk Inference Leveraging Heterogeneous Open Data. IEEE Systems Journal, 2021, 15, 4656-4667.	2.9	10
9	Leveraging the Users Graph and Trustful Transactions for the Analysis of Bitcoin Price. IEEE Transactions on Network Science and Engineering, 2021, 8, 1338-1352.	4.1	6
10	iTV: Inferring Traffic Violation-Prone Locations With Vehicle Trajectories and Road Environment Data. IEEE Systems Journal, 2021, 15, 3913-3924.	2.9	5
11	CrowdPatrol: A Mobile Crowdsensing Framework for Traffic Violation Hotspot Patrolling. IEEE Transactions on Mobile Computing, 2021, , 1-1.	3.9	13
12	UVLens. , 2021, 5, 1-26.		6
13	Sample size determination to estimate mediation effects in cell transformation assays: A Bayesian causal model. Applied Stochastic Models in Business and Industry, 2021, 37, 973.	0.9	1
14	Fog radio access network optimization for 5G leveraging user mobility and traffic data. Journal of Network and Computer Applications, 2021, 191, 103083.	5.8	4
15	DeepSTD: Mining Spatio-Temporal Disturbances of Multiple Context Factors for Citywide Traffic Flow Prediction. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3744-3755.	4.7	63
16	Understanding urban structures and crowd dynamics leveraging large-scale vehicle mobility data. Frontiers of Computer Science, 2020, 14, 1.	1.6	8
17	The Progress of Human Pose Estimation: A Survey and Taxonomy of Models Applied in 2D Human Pose Estimation. IEEE Access, 2020, 8, 133330-133348.	2.6	120
18	Demand-Responsive Windows Scheduling in Tertiary Hospital Leveraging Spatiotemporal Neural Networks. Lecture Notes in Computer Science, 2020, , 231-243.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Forecasting Price Trend of Bulk Commodities Leveraging Cross-domain Open Data Fusion. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26.	2.9	6
20	Urban Village Identification from City-Wide Satellite Images Leveraging Mask R-CNN. Advances in Intelligent Systems and Computing, 2020, , 166-172.	0.5	1
21	Dosage Prediction in Pediatric Medication Leveraging Prescription Big Data. IEEE Access, 2019, 7, 94285-94292.	2.6	2
22	Identifying urban villages from city-wide satellite imagery leveraging mask R-CNN. , 2019, , .		5
23	Sensing Urban Structures and Crowd Dynamics with Mobility Big Data. Lecture Notes in Computer Science, 2019, , 370-389.	1.0	0
24	A structural equation model to assess the impact of agricultural research expenditure on multiple dimensions. Quality and Quantity, 2019, 53, 2063-2080.	2.0	1
25	BikeNet: Accurate Bike Demand Prediction Using Graph Neural Networks for Station Rebalancing. , 2019, , .		12
26	iDrug: Pediatric Drug Interaction Modeling and Risk Evaluation Leveraging Prescription Big Data. , 2019, , .		3
27	GMTL. , 2019, , .		2
28	RADAR. , 2018, 1, 1-23.		15
29	CommuteShare: A Ridesharing Service for Daily Commuters Using Cross-Domain Urban Big Data. , 2018, , .		3
30	Deep mobile traffic forecast and complementary base station clustering for C-RAN optimization. Journal of Network and Computer Applications, 2018, 121, 59-69.	5.8	60
31	Linear Markovian models for lag exposure assessment. Biometrical Letters, 2018, 55, 179-195.	0.4	1
32	Fine-Grained Urban Event Detection and Characterization Based on Tensor Cofactorization. IEEE Transactions on Human-Machine Systems, 2017, 47, 380-391.	2.5	41
33	Understanding bike trip patterns leveraging bike sharing system open data. Frontiers of Computer Science, 2017, 11, 38-48.	1.6	11
34	Unlicensed Taxis Detection Service Based on Large-Scale Vehicles Mobility Data. , 2017, , .		10
35	Complementary base station clustering for cost-effective and energy-efficient cloud-RAN. , 2017, , .		10
36	Dynamic cluster-based over-demand prediction in bike sharing systems. , 2016, , .		113

#	ARTICLE	IF	CITATIONS
37	EnUp: Energy-Efficient Data Uploading for Mobile Crowd Sensing Applications. , 2016, , .		7
38	An Empirical Study on Preference Distribution of Facebook Users. , 2016, , .		1
39	Container Port Performance Measurement and Comparison Leveraging Ship GPS Traces and Maritime Open Data. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1227-1242.	4.7	65
40	On prefermentative maceration techniques: statistical analysis of sensory descriptors in Sangiovese wine. Biometrical Letters, 2016, 53, 1-20.	0.4	1
41	NationTelescope: Monitoring and visualizing large-scale collective behavior in LBSNs. Journal of Network and Computer Applications, 2015, 55, 170-180.	5.8	94
42	Bike sharing station placement leveraging heterogeneous urban open data. , 2015, , .		91
43	Sensing the Pulse of Urban Activity Centers Leveraging Bike Sharing Open Data. , 2015, , .		12
44	Inferring bike trip patterns from bike sharing system open data. , 2015, , .		10
45	Container throughput estimation leveraging ship GPS traces and open data. , 2014, , .		7
46	iCPS-Car: An Intelligent Cyber-physical System for Smart Automobiles. , 2013, , .		4
47	TaskShadow-W. , 2013, , .		3
48	GreenBicycling: A Smartphone-Based Public Bicycle Sharing System for Healthy Life. , 2013, , .		6
49	WaterLady: A Case Study for Connecting Physical Devices into Social Networks. , 2012, , .		0
50	Touch-driven interaction via an NFC-enabled smartphone. , 2012, , .		6
51	Touch-Driven Interaction between Physical Space and Cyberspace with NFC. , 2011, , .		8
52	Mediation analysis in recursive systems of distributed-lag linear regressions. Quality and Quantity, 0, , 1.	2.0	0
53	A Composite Indicator to Assess Sustainability of Agriculture in European Union Countries. Social Indicators Research, 0, , 1.	1.4	3