

# Zhe Xiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2605336/publications.pdf>

Version: 2024-02-01

10  
papers

352  
citations

1307594

7  
h-index

1372567

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10  
all docs

10  
docs citations

10  
times ranked

330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traffic Pattern Mining and Forecasting Technologies in Maritime Traffic Service Networks: A Comprehensive Survey. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1796-1825.	8.0	101
2	A novel ship trajectory reconstruction approach using AIS data. Ocean Engineering, 2018, 159, 165-174.	4.3	95
3	Maritime Traffic Probabilistic Forecasting Based on Vessels'™ Waterway Patterns and Motion Behaviors. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 3122-3134.	8.0	63
4	Big Data Driven Vessel Trajectory and Navigating State Prediction With Adaptive Learning, Motion Modeling and Particle Filtering Techniques. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3696-3709.	8.0	35
5	QLDS: A Novel Design Scheme for Trajectory Privacy Protection with Utility Guarantee in Participatory Sensing. IEEE Transactions on Mobile Computing, 2018, 17, 1397-1410.	5.8	23
6	Blockchain and IoT for Insurance: A Case Study and Cyberinfrastructure Solution on Fine-Grained Transportation Insurance. IEEE Transactions on Computational Social Systems, 2020, 7, 1409-1422.	4.4	11
7	Data Privacy-Preserving Automation Architecture for Industrial Data Exchange in Smart Cities. IEEE Transactions on Industrial Informatics, 2018, 14, 2780-2791.	11.3	10
8	Next-Generation Vessel Traffic Services Systems'™From '™Passive'™to '™Proactive'™. IEEE Intelligent Transportation Systems Magazine, 2023, 15, 363-377.	3.8	6
9	Concurrent Processing Cluster Design to Empower Simultaneous Prediction for Hundreds of Vessels' Trajectories in Near Real-Time. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, , 1-14.	9.3	4
10	AIS Data Analytics for Intelligent Maritime Surveillance Systems. Progress in IS, 2021, , 393-411.	0.6	4