

# Maohan Liang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9983868/publications.pdf>

Version: 2024-02-01

16  
papers

288  
citations

1937685

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2053705

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16  
docs citations

16  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning-Powered Vessel Trajectory Prediction for Improving Smart Traffic Services in Maritime Internet of Things. IEEE Transactions on Network Science and Engineering, 2022, 9, 3080-3094.	6.4	84
2	An unsupervised learning method with convolutional auto-encoder for vessel trajectory similarity computation. Ocean Engineering, 2021, 225, 108803.	4.3	75
3	CNN-Enabled Visibility Enhancement Framework for Vessel Detection under Haze Environment. Journal of Advanced Transportation, 2021, 2021, 1-14.	1.7	4
4	MVFFNet: Multi-view feature fusion network for imbalanced ship classification. Pattern Recognition Letters, 2021, 151, 26-32.	4.2	25
5	Extraction of Hottest Shipping Routes: From Positioning Data to Intelligent Surveillance. , 2021, , .		2
6	Historical AIS Data-Driven Unsupervised Automatic Extraction of Directional Maritime Traffic Networks. , 2020, , .		4
7	Shape-Based Vessel Trajectory Similarity Computing and Clustering: A Brief Review. , 2020, , .		6
8	Vessel Trajectory Similarity Measure Based on Deep Convolutional Autoencoder. , 2020, , .		3
9	AIS-Based Vessel Trajectory Reconstruction with U-Net Convolutional Networks. , 2020, , .		7
10	Neural Network-Based Automatic Reconstruction of Missing Vessel Trajectory Data. , 2019, , .		17
11	Maritime Traffic Data Visualization: A Brief Review. , 2019, , .		12
12	PCA-based hierarchical clustering of AIS trajectories with automatic extraction of clusters. , 2018, , .		11
13	Statistical Analysis of Massive AIS Trajectories Using Gaussian Mixture Models. , 2017, , .		4
14	Effective Alternating Direction Optimization Methods for Sparsity-Constrained Blind Image Deblurring. Sensors, 2017, 17, 174.	3.8	33
15	Data-Driven Statistical Analysis of Dynamic Vessel Trajectories in Wuhan Section of the Yangtze River. , 2017, , .		1
16	Robust two-step image restoration with adaptive regularization parameter. , 2016, , .		0