Rong Zhen

List of Publications by Year
in descending order

10 papers	323 citations	1307594 7 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	179 citing authors

#	Article	IF	Citations
1	Maritime Anomaly Detection within Coastal Waters Based on Vessel Trajectory Clustering and Naïve Bayes Classifier. Journal of Navigation, 2017, 70, 648-670.	1.7	106
2	A novel analytic framework of real-time multi-vessel collision risk assessment for maritime traffic surveillance. Ocean Engineering, 2017, 145, 492-501.	4.3	106
3	A novel arena-based regional collision risk assessment method of multi-ship encounter situation in complex waters. Ocean Engineering, 2022, 246, 110531.	4.3	34
4	A Novel Hybrid Fuel Consumption Prediction Model for Ocean-Going Container Ships Based on Sensor Data. Journal of Marine Science and Engineering, 2021, 9, 449.	2.6	18
5	A novel regional collision risk assessment method considering aggregation density under multi-ship encounter situations. Journal of Navigation, 2022, 75, 76-94.	1.7	18
6	Fuzzy logic-based modeling method for regional multi-ship collision risk assessment considering impacts of ship crossing angle and navigational environment. Ocean Engineering, 2022, 259, 111847.	4.3	18
7	A two-step strategy for fuel consumption prediction and optimization of ocean-going ships. Ocean Engineering, 2022, 249, 110904.	4.3	15
8	A Novel Adaptive Visual Analytics Framework for Multiship Encounter Identification. Journal of Advanced Transportation, 2021, 2021, 1-11.	1.7	5
9	A Novel Method for Navigational Risk Assessment in Wind Farm Waters Based on the Fuzzy Inference System. Mathematical Problems in Engineering, 2021, 2021, 1-13.	1.1	2
10	Lateral Distribution Regularity of Ships' Sailing Positions within a Channel Based on AIS Data. , 2015, , .		1