

# Xinjian Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5969971/publications.pdf>

Version: 2024-02-01

11  
papers

264  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	An analysis of factors affecting the severity of marine accidents. Reliability Engineering and System Safety, 2021, 210, 107513.	8.9	89
2	Passengers' likely behaviour based on demographic difference during an emergency evacuation in a Ro-Ro passenger ship. Safety Science, 2020, 129, 104803.	4.9	31
3	GIS-based analysis on the spatial patterns of global maritime accidents. Ocean Engineering, 2022, 245, 110569.	4.3	27
4	Passengers' safety awareness and perception of wayfinding tools in a Ro-Ro passenger ship during an emergency evacuation. Safety Science, 2021, 137, 105189.	4.9	25
5	Numerical analysis and staircase layout optimisation for a Ro-Ro passenger ship during emergency evacuation. Reliability Engineering and System Safety, 2022, 217, 108056.	8.9	25
6	Simulation of evacuation in an inclined passenger vessel based on an improved social force model. Safety Science, 2022, 148, 105675.	4.9	25
7	Experimental study on individual walking speed during emergency evacuation with the influence of ship motion. Physica A: Statistical Mechanics and Its Applications, 2021, 562, 125369.	2.6	19
8	An experimental analysis of evacuees' walking speeds under different rolling conditions of a ship. Ocean Engineering, 2021, 233, 108997.	4.3	13
9	Analysis of the injury-severity outcomes of maritime accidents using a zero-inflated ordered probit model. Ocean Engineering, 2022, 258, 111796.	4.3	9
10	Research on Intelligent Detection Algorithm of the Single Anchored Mooring Area for Maritime Autonomous Surface Ships. Applied Sciences (Switzerland), 2022, 12, 6009.	2.5	1
11	Evacuation simulation of an Ro-Ro passenger ship considering the effects of inclination and crew's guidance. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 0, , 147509022211065.	0.5	0