

# 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  | 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        |
| 2  | GIS-based analysis on the spatial patterns of global maritime accidents. Ocean Engineering, 2022, 245, 110569.   | 4.3 | 27        |
| 3  | Simulation of evacuation in an inclined passenger vessel based on an improved social force model. Safety Science, 2022, 148, 105675.   | 4.9 | 25        |
| 4  | 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         |
| 5  | Analysis of the injury-severity outcomes of maritime accidents using a zero-inflated ordered probit model. Ocean Engineering, 2022, 258, 111796.   | 4.3 | 9         |
| 6  | 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        |
| 7  | 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        |
| 8  | An analysis of factors affecting the severity of marine accidents. Reliability Engineering and System Safety, 2021, 210, 107513.   | 8.9 | 89        |
| 9  | An experimental analysis of evacuees' walking speeds under different rolling conditions of a ship. Ocean Engineering, 2021, 233, 108997.   | 4.3 | 13        |
| 10 | 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        |
| 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         |