

# Minghui Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10706128/publications.pdf>

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6  
papers

61  
citations

1684188  
5  
h-index

1872680  
6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Life-cycle optimization of structural systems based on cumulative prospect theory: Effects of the reference point and risk attitudes. <i>Reliability Engineering and System Safety</i> , 2022, 218, 108100.	8.9	13
2	Optimal load rating-based inspection planning of corroded steel girders using Markov decision process. <i>Probabilistic Engineering Mechanics</i> , 2021, 66, 103160.	2.7	3
3	A Decision-Making Framework for Load Rating Planning of Aging Bridges Using Deep Reinforcement Learning. <i>Journal of Computing in Civil Engineering</i> , 2021, 35, .	4.7	10
4	Acceptance of Corrosion-Resistant Steel in Design of Steel Girder Bridges Based on Expected Utility Theory. <i>Journal of Bridge Engineering</i> , 2020, 25, .	2.9	6
5	Risk-based decision-making on corrosion delay for ship hull tankers. <i>Engineering Structures</i> , 2020, 212, 110455.	5.3	9
6	Risk-based life-cycle optimal dry-docking inspection of corroding ship hull tankers. <i>Engineering Structures</i> , 2019, 195, 559-567.	5.3	20