

Zhi-wei Wang

List of Publications by Year in descending order

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7
papers

100
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	An analytical algorithm for reasonable central tower stiffness in the three-tower suspension bridge with unequal-length main spans. <i>Engineering Structures</i> , 2019, 199, 109595.	5.3	22
2	Circular-linear-linear probabilistic model based on vine copulas: An application to the joint distribution of wind direction, wind speed, and air temperature. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 215, 104704.	3.9	19
3	Joint Distribution of Wind Speed, Wind Direction, and Air Temperature Actions on Long-Span Bridges Derived via Trivariate Metaelliptical and Plackett Copulas. <i>Journal of Bridge Engineering</i> , 2020, 25, .	2.9	18
4	Joint values determination of wind and temperature actions on long-span bridges: Copula-based analysis using long-term meteorological data. <i>Engineering Structures</i> , 2020, 219, 110866.	5.3	18
5	Effect of the main cable bending stiffness on flexural and torsional vibrations of suspension bridges: Analytical approach. <i>Engineering Structures</i> , 2021, 240, 112393.	5.3	10
6	Temperature Prediction of Flat Steel Box Girders of Long-Span Bridges Utilizing In Situ Environmental Parameters and Machine Learning. <i>Journal of Bridge Engineering</i> , 2022, 27, .	2.9	9
7	Analytical methods for the assessment of hanger forces of a suspension bridge based on measured main cable configuration. <i>Advances in Structural Engineering</i> , 2020, 23, 1423-1437.	2.4	4