

# Huahuai Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2681645/publications.pdf>

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8  
papers

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1684188  
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g-index

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all docs

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docs citations

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times ranked

58  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of symmetrical broken wires damage on mechanical characteristics of stay cable. Journal of Sound and Vibration, 2019, 461, 114920.	3.9	21
2	Time-Dependent Effect of Corrosion on the Mechanical Characteristics of Stay Cable. Journal of Bridge Engineering, 2018, 23, .	2.9	20
3	Fatigue testing and analysis of I-girders with trapezoidal corrugated webs. Engineering Structures, 2019, 196, 109344.	5.3	16
4	Mechanical State Assessment of In-Service Cable-Stayed Bridge Using a Two-Phase Model Updating Technology and Periodic Field Measurements. Journal of Bridge Engineering, 2020, 25, .	2.9	9
5	Experiment-Based Fatigue Behaviors and Damage Detection Study of Headed Shear Studs in Steel-Concrete Composite Beams. Applied Sciences (Switzerland), 2021, 11, 8297.	2.5	8
6	Fatigue Behaviour Study of the Shear Stud Using Crack Box Technology and M Integral Method. International Journal of Steel Structures, 2019, 19, 1249-1259.	1.3	4
7	Intelligent recurrence and prediction of long-term mechanical properties of in-service cable-stayed bridges with ambient temperature and concrete time-dependent effects. Journal of Civil Structural Health Monitoring, 2022, 12, 659.	3.9	3
8	Tracking time-varying structural responses of in-service cable-stayed bridges with model parameter errors and concrete time-dependent effects. Structures, 2022, 37, 819-832.	3.6	2