

# Zifeng Huang

## List of Publications by Year in descending order

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times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Buffeting Analysis of Long-Span Bridges under Typhoon Winds with Time-Varying Spectra and Coherences. Journal of Structural Engineering, 2020, 146, .	3.4	30
2	Time-varying power spectra and coherences of non-stationary typhoon winds. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 198, 104115.	3.9	24
3	Characterizing Nonstationary Wind Speed Using the ARMA-GARCH Model. Journal of Structural Engineering, 2019, 145, .	3.4	23
4	Envelope Random Decrement Technique for Identification of Nonlinear Damping of Tall Buildings. Journal of Structural Engineering, 2016, 142, .	3.4	20
5	A Multi-Taper S-Transform Method for Spectral Estimation of Stationary Processes. IEEE Transactions on Signal Processing, 2021, 69, 1452-1467.	5.3	16
6	Estimation of peak factor and gust factor of nonstationary wind speed. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 193, 103953.	3.9	14
7	Multi-taper S-transform method for evolutionary spectrum estimation. Mechanical Systems and Signal Processing, 2022, 168, 108667.	8.0	14
8	Conditionally simulating nonstationary typhoon winds with time-varying coherences for long-span bridges. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 212, 104599.	3.9	13
9	Evolutionary Spectra Estimation of a Nonstationary Process Based on a Single Sample. International Journal of Structural Stability and Dynamics, 2019, 19, 1950151.	2.4	9
10	A web-based and design-oriented structural health evaluation system for long-span bridges with structural health monitoring system. Structural Control and Health Monitoring, 2022, 29, e2879.	4.0	8
11	Probability distribution estimation for harmonisable loads and responses of linear elastic structures. Probabilistic Engineering Mechanics, 2022, 68, 103258.	2.7	5
12	Conditional simulation of 3D nonstationary wind field for sea-crossing bridges. Advances in Structural Engineering, 2022, 25, 2508-2526.	2.4	3