Zifeng Huang

List of Publications by Year
in descending order

12 papers	**179** citations	1163117 **8** h-index
12 all docs	**12** docs citations	**12** times ranked

1199594 **12** g-index

78 citing authors

#	Article	IF	Citations
1	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
2	Multi-taper S-transform method for evolutionary spectrum estimation. Mechanical Systems and Signal Processing, 2022, 168, 108667.	8.0	14
3	Probability distribution estimation for harmonisable loads and responses of linear elastic structures. Probabilistic Engineering Mechanics, 2022, 68, 103258.	2.7	5
4	Conditional simulation of 3D nonstationary wind field for sea-crossing bridges. Advances in Structural Engineering, 2022, 25, 2508-2526.	2.4	3
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	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
7	Buffeting Analysis of Long-Span Bridges under Typhoon Winds with Time-Varying Spectra and Coherences. Journal of Structural Engineering, 2020, 146, .	3.4	30
8	Time-varying power spectra and coherences of non-stationary typhoon winds. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 198, 104115.	3.9	24
9	Estimation of peak factor and gust factor of nonstationary wind speed. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 193, 103953.	3.9	14
10	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
11	Characterizing Nonstationary Wind Speed Using the ARMA-GARCH Model. Journal of Structural Engineering, 2019, 145, .	3.4	23
12	Envelope Random Decrement Technique for Identification of Nonlinear Damping of Tall Buildings. Journal of Structural Engineering, 2016, 142, .	3.4	20