Zhengxiang Yi

List of Publications by Year
in descending order

7 papers	**205** citations	1684188 **5** h-index	1720034 **7** g-index
7 all docs	**7** docs citations	**7** times ranked	**142** citing authors

#	Article	IF	Citations
1	Methodology for effective and efficient regional seismic retrofit using machine learning and stochastic optimization. Structure and Infrastructure Engineering, 2024, 20, 286-300.	3.7	1
2	Design of computer experiments for developing seismic surrogate models. Earthquake Spectra, 2022, 38, 384-406.	3.1	2
3	A relational database to support post-earthquake building damage and recovery assessment. Earthquake Spectra, 2022, 38, 1549-1569.	3.1	11
4	Seismic Drift Demand Estimation for Steel Moment Frame Buildings: From Mechanics-Based to Data-Driven Models. Journal of Structural Engineering, 2021, 147, .	3.4	41
5	Classifying earthquake damage to buildings using machine learning. Earthquake Spectra, 2020, 36, 183-208.	3.1	135
6	Effect of theÂLos Angeles Soft-Story Ordinance on the post-earthquake housing recovery of impacted residential communities. Natural Hazards, 2019, 99, 161-188.	3.4	5
7	Seismic collapse performance of Los Angeles soft, weak, and open-front wall line woodframe structures retrofitted using different procedures. Bulletin of Earthquake Engineering, 2019, 17, 2059-2091.	4.1	10