

Fei Shi

List of Publications by Year in descending order

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9
papers

251
citations

1162367
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all docs

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docs citations

9
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk-based mainshock-aftershock performance assessment of SMA braced steel frames. <i>Engineering Structures</i> , 2020, 212, 110506.	2.6	44
2	Probabilistic seismic performance evaluation of SMA-braced steel frames considering SMA brace failure. <i>Bulletin of Earthquake Engineering</i> , 2018, 16, 5937-5962.	2.3	42
3	Influence of shape memory alloy brace design parameters on seismic performance of self-centering steel frame buildings. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2462.	1.9	37
4	Experimental characterization and analytical modeling of a large-capacity high-damping rubber damper. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2183.	1.9	31
5	Development and experimental validation of anchorage systems for shape memory alloy cables. <i>Engineering Structures</i> , 2021, 228, 111611.	2.6	27
6	Experimental and numerical investigations on hysteretic response of a multi-level SMA/lead rubber bearing seismic isolation system. <i>Smart Materials and Structures</i> , 2022, 31, 035024.	1.8	24
7	Hysteretic response and failure behavior of an SMA cable-based self-centering brace. <i>Structural Control and Health Monitoring</i> , 2022, 29, e2847.	1.9	20
8	An SMA cable-based negative stiffness seismic isolator: Development, experimental characterization, and numerical modeling. <i>Journal of Intelligent Material Systems and Structures</i> , 2022, 33, 1819-1833.	1.4	15
9	Effects of ambient temperature on cyclic response and functional fatigue of shape memory alloy cables. <i>Journal of Building Engineering</i> , 2022, 52, 104340.	1.6	11