

Shih-Yu Chu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

123
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1163117

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1281871

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docs citations

15
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid damage assessment of 1/3 scaled-down two-story reinforced concrete school building models. <i>Journal of Structural Integrity and Maintenance</i> , 2022, 7, 110-119.	1.5	2
2	Effect of an Innovative Friction Damper on Seismic Responses of a Continuous Girder Bridge under Near-Fault Excitations. <i>Buildings</i> , 2022, 12, 1019.	3.1	2
3	Development of the structural health record of containment building in nuclear power plant. <i>Nuclear Engineering and Technology</i> , 2021, 53, 2038-2045.	2.3	6
4	Real-time hybrid testing of a structure with a piezoelectric friction controllable mass damper by using a shake table. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2124.	4.0	8
5	A normalized-relative-displacement-vibration-shape (NRDVS)-based structural damage assessment scheme. <i>Journal of Structural Integrity and Maintenance</i> , 2018, 3, 150-159.	1.5	1
6	A leverage-type stiffness controllable mass damper for vibration mitigation of structures. <i>Structural Control and Health Monitoring</i> , 2017, 24, e1896.	4.0	12
7	Experimental verification of leverage-type stiffness-controllable tuned mass damper using direct output feedback LQR control with time-delay compensation. <i>Earthquake and Structures</i> , 2017, 12, 425-436.	1.0	3
8	In Situ Test of School Buildings Retrofitted with External Steel-Framing Systems. <i>Journal of Structural Engineering</i> , 2015, 141, .	3.4	9
9	Seismic test of least-input-energy control with ground velocity feedback for variable-stiffness isolation systems. <i>Journal of Sound and Vibration</i> , 2012, 331, 767-784.	3.9	13
10	Application of the on-line recursive least-squares method to perform structural damage assessment. <i>Structural Control and Health Monitoring</i> , 2011, 18, 241-264.	4.0	11
11	Real-time control performance of a model-reference adaptive structural control system under earthquake excitation. <i>Structural Control and Health Monitoring</i> , 2010, 17, 198-217.	4.0	13
12	Application of real-time adaptive identification technique on damage detection and structural health monitoring. <i>Structural Control and Health Monitoring</i> , 2009, 16, 154-177.	4.0	21
13	Optimal performance of discrete-time direct output-feedback structural control with delayed control forces. <i>Structural Control and Health Monitoring</i> , 2008, 15, 20-42.	4.0	8
14	High-order statistics-based approaches to endmember extraction for hyperspectral imagery. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4