

Haoyu Huang

List of Publications by Year in descending order

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15
papers

300
citations

932766

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996533

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all docs

15
docs citations

15
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing human-induced vibration of cross-laminated timber floor—Application of multi-tuned mass damper system. <i>Structural Control and Health Monitoring</i> , 2021, 28, e2656.	1.9	14
2	Predicting the human-induced vibration of cross laminated timber floor under multi-person loadings. <i>Structures</i> , 2021, 29, 65-78.	1.7	20
3	Performance of the hollow-core cross-laminated timber (HC-CLT) floor under human-induced vibration. <i>Structures</i> , 2021, 32, 1481-1491.	1.7	11
4	Study on the Optical Properties of High Refractive Index TeO ₂ -PbO-ZnO-BaF ₂ Glass System. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-9.	1.0	5
5	Human-induced vibration of cross-laminated timber (CLT) floor under different boundary conditions. <i>Engineering Structures</i> , 2020, 204, 110016.	2.6	32
6	Abnormal Grain Growth Mechanism in the Twin-Roller Cast Al-Fe-Si Alloy in the Annealing Process. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-11.	1.0	1
7	Adaptive tuned mass damper with shape memory alloy for seismic application. <i>Engineering Structures</i> , 2020, 223, 111171.	2.6	28
8	Comparison of Bending Fatigue of NiTi and CuAlMn Shape Memory Alloy Bars. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-9.	1.0	9
9	Re-tuning an off-tuned tuned mass damper by adjusting temperature of shape memory alloy: Exposed to wind action. <i>Structures</i> , 2020, 25, 180-189.	1.7	13
10	Study of SMA-dowelled timber connection reinforced by densified veneer wood under cyclic loading. <i>MATEC Web of Conferences</i> , 2019, 275, 01015.	0.1	3
11	Application of pre-stressed SMA-based tuned mass damper to a timber floor system. <i>Engineering Structures</i> , 2018, 167, 143-150.	2.6	26
12	Feasibility of shape memory alloy in a tuneable mass damper to reduce excessive in-service vibration. <i>Structural Control and Health Monitoring</i> , 2017, 24, e1858.	1.9	24
13	Seismic resilience timber connection-adoption of shape memory alloy tubes as dowels. <i>Structural Control and Health Monitoring</i> , 2017, 24, e1980.	1.9	25
14	Experimental Tests on a Dowel-Type Timber Connection and Validation of Numerical Models. <i>Buildings</i> , 2017, 7, 116.	1.4	20
15	A Comparison of the Energy Saving and Carbon Reduction Performance between Reinforced Concrete and Cross-Laminated Timber Structures in Residential Buildings in the Severe Cold Region of China. <i>Sustainability</i> , 2017, 9, 1426.	1.6	69