

Kshitij C Shrestha

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

369

citations

11

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ext. papers

428

ext. citations

2.9

avg, IF

3.71

L-index

#	Paper	IF	Citations
26	Effectiveness of Fabric-Reinforced Cementitious Matrix in Strengthening Reinforced Concrete Beams. <i>Journal of Composites for Construction</i> , 2017 , 21, 04016084	3.3	57
25	Different FRCM systems for shear-strengthening of reinforced concrete beams. <i>Construction and Building Materials</i> , 2017 , 153, 514-526	6.7	51
24	Shaking table tests of steel frame with superelastic CuAlMn SMA tension braces. <i>Earthquake Engineering and Structural Dynamics</i> , 2016 , 45, 297-314	4	39
23	Feasibility of CuAlMn superelastic alloy bars as reinforcement elements in concrete beams. <i>Smart Materials and Structures</i> , 2013 , 22, 025025	3.4	39
22	Feasibility of tension braces using CuAlMn superelastic alloy bars. <i>Structural Control and Health Monitoring</i> , 2014 , 21, 1304-1315	4.5	36
21	Advanced materials for control of post-earthquake damage in bridges. <i>Smart Materials and Structures</i> , 2015 , 24, 025035	3.4	27
20	Feasibility of externally activated self-repairing concrete with epoxy injection network and Cu-Al-Mn superelastic alloy reinforcing bars. <i>Smart Materials and Structures</i> , 2014 , 23, 105027	3.4	14
19	Applicability of Cu-Al-Mn shape memory alloy bars to retrofitting of historical masonry constructions. <i>Earthquake and Structures</i> , 2011 , 2, 233-256		13
18	Effectiveness of superelastic bars for seismic rehabilitation of clay-unit masonry walls. <i>Earthquake Engineering and Structural Dynamics</i> , 2013 , 42, 725-741	4	12
17	Functional Fatigue of Polycrystalline Cu-Al-Mn Superelastic Alloy Bars under Cyclic Tension. <i>Journal of Materials in Civil Engineering</i> , 2016 , 28, 04015194	3	11
16	Assessment of out-of-plane behavior of rammed earth walls by pull-down tests. <i>International Journal of Architectural Heritage</i> , 2019 , 13, 273-287	2.1	11
15	In-Plane Shear Resistance between the Rammed Earth Blocks with Simple Interventions: Experimentation and Finite Element Study. <i>Buildings</i> , 2020 , 10, 57	3.2	8
14	Finite Element Modeling of Cyclic Out-of-Plane Response of Masonry Walls Retrofitted by Inserting Inclined Stainless Steel Bars. <i>Journal of Disaster Research</i> , 2011 , 6, 36-43	0.8	8
13	Tensile characterization of multi-ply fabric-reinforced cementitious matrix strengthening systems. <i>Structural Concrete</i> , 2020 , 21, 713-723	2.6	7
12	Strengthening of rammed earth structures with simple interventions. <i>Journal of Building Engineering</i> , 2020 , 29, 101179	5.2	6
11	Soffit and U-Wrap FRCM Strengthening for Reinforced Concrete Beams. <i>ACI Structural Journal</i> , 2019 , 116,	1.7	6
10	EFFECT OF SURFACE ROUGHENING ON CONCRETE/TRM BOND. <i>Proceedings of International Structural Engineering and Construction</i> , 2017 , 4,	1.4	5

9	Mechanical splicing of superelastic CuAlMn alloy bars with headed ends. <i>Smart Materials and Structures</i> , 2018 , 27, 065025	3.4	4
8	Feasibility of Cu-Al-Mn superelastic alloy bar as a self-sensor material. <i>Journal of Intelligent Material Systems and Structures</i> , 2015 , 26, 364-370	2.3	3
7	FullScale PullDown Tests on a TwoStoried Rammed Earth Building with Possible Strengthening Interventions. <i>RILEM Bookseries</i> , 2019 , 1557-1565	0.5	3
6	Application of Cu-Al-Mn superelastic alloy bars as reinforcement elements in concrete beams 2012 ,		3
5	TENSILE CHARACTERIZATION OF TEXTILE REINFORCED MORTAR. <i>Proceedings of International Structural Engineering and Construction</i> , 2017 , 4,	1.4	3
4	Pinning retrofit technique in masonry with application of polymer-cement pastes as bonding agents. <i>Earthquake and Structures</i> , 2013 , 5, 477-497		2
3	Exploratory study of rammed earth walls under static element test. <i>Construction and Building Materials</i> , 2021 , 266, 121035	6.7	1
2	Development of high-strength lightweight non-autoclaved aerated concrete. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2020 , 173, 705-714	0.9	0
1	Strengthening Strategies for Existing Rammed Earth Walls Subjected to Out-of-Plane Loading. <i>CivilEng</i> , 2020 , 1, 229-242	1.7	