Kshitij C Shrestha

List of Publications by Year in Descending Order

26 papers	369 citations	11 h-index	19 g-index
26 ext. papers	428 ext. citations	2.9 avg, IF	3.71 L-index

#	Paper	IF	Citations
26	Exploratory study of rammed earth walls under static element test. *Construction and Building Materials*, **2021**, 266, 121035	6.7	1
25	In-Plane Shear Resistance between the Rammed Earth Blocks with Simple Interventions: Experimentation and Finite Element Study. *Buildings*, **2020**, 10, 57	3.2	8
24	Strengthening of rammed earth structures with simple interventions. *Journal of Building Engineering*, **2020**, 29, 101179	5.2	6
23	Tensile characterization of multi-ply fabric-reinforced cementitious matrix strengthening systems. *Structural Concrete*, **2020**, 21, 713-723	2.6	7
22	Strengthening Strategies for Existing Rammed Earth Walls Subjected to Out-of-Plane Loading. *CivilEng*, **2020**, 1, 229-242	1.7	
21	Development of high-strength lightweight non-autoclaved aerated concrete. *Proceedings of the Institution of Civil Engineers: Structures and Buildings*, **2020**, 173, 705-714	0.9	0
20	Full-Scale Pull-Down Tests on a Two-Storied Rammed Earth Building with Possible Strengthening Interventions. *RILEM Bookseries*, **2019**, 1557-1565	0.5	3
19	Soffit and U-Wrap FRCM Strengthening for Reinforced Concrete Beams. *ACI Structural Journal*, **2019**, 116,	1.7	6
18	Assessment of out-of-plane behavior of rammed earth walls by pull-down tests. *International Journal of Architectural Heritage*, **2019**, 13, 273-287	2.1	11
17	Mechanical splicing of superelastic Cu-Al-Mn alloy bars with headed ends. *Smart Materials and Structures*, **2018**, 27, 065025	3.4	4
16	Different FRCM systems for shear-strengthening of reinforced concrete beams. *Construction and Building Materials*, **2017**, 153, 514-526	6.7	51
15	Effectiveness of Fabric-Reinforced Cementitious Matrix in Strengthening Reinforced Concrete Beams. *Journal of Composites for Construction*, **2017**, 21, 04016084	3.3	57
14	TENSILE CHARACTERIZATION OF TEXTILE REINFORCED MORTAR. *Proceedings of International Structural Engineering and Construction*, **2017**, 4,	1.4	3
13	EFFECT OF SURFACE ROUGHENING ON CONCRETE/TRM BOND. *Proceedings of International Structural Engineering and Construction*, **2017**, 4,	1.4	5
12	Shaking table tests of steel frame with superelastic Cu-Al-Mn SMA tension braces. *Earthquake Engineering and Structural Dynamics*, **2016**, 45, 297-314	4	39
11	Functional Fatigue of Polycrystalline Cu-Al-Mn Superelastic Alloy Bars under Cyclic Tension. *Journal of Materials in Civil Engineering*, **2016**, 28, 04015194	3	11
10	Feasibility of Cu-Al-Mn superelastic alloy bar as a self-sensor material. *Journal of Intelligent Material Systems and Structures*, **2015**, 26, 364-370	2.3	3

9	Advanced materials for control of post-earthquake damage in bridges. *Smart Materials and Structures*, **2015**, 24, 025035	3.4	27
8	Feasibility of tension braces using Cu-Al-Mn superelastic alloy bars. *Structural Control and Health Monitoring*, **2014**, 21, 1304-1315	4.5	36
7	Feasibility of externally activated self-repairing concrete with epoxy injection network and Cu-Al-Mn superelastic alloy reinforcing bars. *Smart Materials and Structures*, **2014**, 23, 105027	3.4	14
6	Effectiveness of superelastic bars for seismic rehabilitation of clay-unit masonry walls. *Earthquake Engineering and Structural Dynamics*, **2013**, 42, 725-741	4	12
5	Pinning retrofit technique in masonry with application of polymer-cement pastes as bonding agents. *Earthquake and Structures*, **2013**, 5, 477-497		2
4	Feasibility of Cu-Al-Mn superelastic alloy bars as reinforcement elements in concrete beams. *Smart Materials and Structures*, **2013**, 22, 025025	3.4	39
3	Application of Cu-Al-Mn superelastic alloy bars as reinforcement elements in concrete beams **2012**,		3
2	Applicability of Cu-Al-Mn shape memory alloy bars to retrofitting of historical masonry constructions. *Earthquake and Structures*, **2011**, 2, 233-256		13
1	Finite Element Modeling of Cyclic Out-of-Plane Response of Masonry Walls Retrofitted by Inserting Inclined Stainless Steel Bars. *Journal of Disaster Research*, **2011**, 6, 36-43	0.8	8