

Pankaj Agarwal

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

267
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexural and shear behavior of geo-grid confined RC beams with steel fiber reinforced concrete. <i>Construction and Building Materials</i> , 2015, 78, 271-280.	7.2	49
2	The confining effect of geo-grid on the mechanical properties of concrete specimens with steel fiber under compression and flexure. <i>Construction and Building Materials</i> , 2014, 71, 628-637.	7.2	40
3	Categorization of Damage Index of Concrete Gravity Dam for the Health Monitoring after Earthquake. <i>Journal of Earthquake Engineering</i> , 2016, 20, 1222-1238.	2.5	32
4	Base isolation by geosynthetic for brick masonry buildings. <i>JVC/Journal of Vibration and Control</i> , 2012, 18, 903-910.	2.6	24
5	Low-Cost Base-Isolation System for Seismic Protection of Rural Buildings. <i>Practice Periodical on Structural Design and Construction</i> , 2016, 21, .	1.3	21
6	Geometric Configuration Effects on Nonlinear Seismic Behavior of Concrete Gravity Dam. <i>Journal of Earthquake and Tsunami</i> , 2018, 12, 1850003.	1.3	12
7	Performance evaluation of innovative hybrid rebar coupler in reinforced concrete beams subjected to monotonic loading. <i>Structural Concrete</i> , 2018, 19, 892-903.	3.1	11
8	Identification of Modal Parameters of a Multistoried RC Building Using Ambient Vibration and Strong Vibration Records of Bhuj Earthquake, 2001. <i>Journal of Earthquake Engineering</i> , 2014, 18, 444-457.	2.5	10
9	Performance Evaluation of Geogrid-Confined Beam-Column Joints With Steel Fiber Reinforced Concrete Under Cyclic Loading. <i>Journal of Testing and Evaluation</i> , 2016, 44, 582-598.	0.7	9
10	Post-yield deformation parameters of reinforced concrete beam with corroded reinforcement. <i>Structural Concrete</i> , 2019, 20, 318-329.	3.1	8
11	Effect of ground motion characteristics on the pure friction isolation system. <i>Earthquake and Structures</i> , 2012, 3, 169-180.	1.0	8
12	Damage Index Evaluation of Concrete Gravity Dam Based on Hysteresis Behavior and Stiffness Degradation Under Cyclic Loading. <i>International Journal of Structural Stability and Dynamics</i> , 2017, 17, 1750009.	2.4	6
13	Compression and Cyclic Shear Behavior of Lime Mortar Brick Masonry. <i>Journal of Earthquake and Tsunami</i> , 2017, 11, 1750015.	1.3	6
14	Seismic Assessment and Retrofitting of a Heritage Brick Masonry Building Using FRP. <i>Journal of Earthquake and Tsunami</i> , 2019, 13, .	1.3	6
15	Neural Network-Based Damage Detection from Transfer Function Changes. <i>Journal of Earthquake Engineering</i> , 2010, 14, 771-787.	2.5	5
16	Comparative Post-Yield Performance Evaluation of Flexural Members under Monotonic and Cyclic Loadings based on Experimental Tests. <i>Structures</i> , 2015, 2, 72-80.	3.6	5
17	Correlation Between Computed Stress Response and Observed Damage of a Heritage Masonry Building. <i>Journal of Earthquake and Tsunami</i> , 2018, 12, 1850002.	1.3	5
18	Rehabilitation Technique for Severely Damaged Concrete Gravity Dams. <i>Practice Periodical on Structural Design and Construction</i> , 2016, 21, .	1.3	3

#	ARTICLE	IF	CITATIONS
19	Comparative post-yield performance evaluation of flexure member with corroded reinforcement. Structure and Infrastructure Engineering, 2021, 17, 103-123.	3.7	3
20	Updating of FE models of an instrumented G+9 RC building using measured data from strong motion and ambient vibration survey. Earthquake and Structures, 2013, 4, 325-339.	1.0	2
21	Performance Evaluation of Metallic and Synthetic Fiber Hybridization on the Cyclic Behavior of Exterior Beam-Column Joint. Advances in Civil Engineering Materials, 2018, 7, 381-402.	0.6	2