

Habib Akbarzadeh Bengar

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,014
citations

586496

16
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488211

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docs citations

37
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	The prediction analysis of compressive strength and electrical resistivity of environmentally friendly concrete incorporating natural zeolite using artificial neural network. <i>Construction and Building Materials</i> , 2022, 317, 125876.	3.2	40
2	Post-fire behavior evaluation of concrete mixtures containing natural zeolite using a novel metaheuristic-based machine learning method. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, 1.	1.9	19
3	Evaluating the efficiency of supplementary rebar system in improving hysteretic damping of self-centering rocking walls. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 6075-6107.	2.3	5
4	Artificial neural network model to predict the compressive strength of eco-friendly geopolymer concrete incorporating silica fume and natural zeolite. <i>Journal of Cleaner Production</i> , 2021, 279, 123697.	4.6	181
5	Life cycle assessment of eco-friendly concrete mixtures incorporating natural zeolite in sulfate-aggressive environment. <i>Construction and Building Materials</i> , 2021, 268, 121136.	3.2	56
6	Shear Capacity of Lightweight Concrete Beam Reinforced with Glass Fiber-Reinforced Polymer Bars. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2021, 45, 1565-1574.	1.0	2
7	The response of self-centering concrete walls under quasi-static loading. <i>Bulletin of Earthquake Engineering</i> , 2021, 19, 2893-2917.	2.3	17
8	Post-fire behavior of unconfined and steel tube confined rubberized concrete under axial compression. <i>Structures</i> , 2021, 32, 731-745.	1.7	17
9	Effect of steel fibers and concrete cover on bond behavior between steel deformed bar and concrete under high temperature. <i>Structures</i> , 2021, 32, 1507-1521.	1.7	11
10	Experimental investigation of steel fibers effect on the cyclic behavior of flexural members with moderate ductility. <i>Structures</i> , 2021, 34, 2530-2543.	1.7	0
11	Performance of an innovative anchorage system for strengthening RC beams in adjacency of columns with FRP laminates. <i>Structures</i> , 2020, 28, 197-204.	1.7	6
12	An experimental study on the behavior of fiber-reinforced concrete flexural members under cyclic loading. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 800, 012017.	0.3	1
13	A new anchorage system for CFRP strips in externally strengthened RC continuous beams. <i>Journal of Building Engineering</i> , 2020, 30, 101230.	1.6	27
14	Compressive strength prediction of eco-efficient GGBS-based geopolymer concrete using GEP method. <i>Journal of Building Engineering</i> , 2020, 31, 101326.	1.6	120
15	Influence of CFRP confinement on bond behavior of steel deformed bar embedded in concrete exposed to high temperature. <i>Structures</i> , 2020, 24, 240-252.	1.7	16
16	Impact of elevated temperatures on the structural performance of recycled rubber concrete: Experimental and mathematical modeling. <i>Construction and Building Materials</i> , 2020, 255, 119374.	3.2	50
17	Predicting compressive strength and electrical resistivity of eco-friendly concrete containing natural zeolite via GEP algorithm. <i>Construction and Building Materials</i> , 2019, 229, 116883.	3.2	93
18	A simplified numerical model to simulate RC beam-column joints collapse. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 803-844.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Seismic performance and damage incurred by monolithic concrete self-centering rocking walls under the effect of axial stress ratio. <i>Bulletin of Earthquake Engineering</i> , 2018, 16, 831-858.	2.3	29
20	A novel method for quantifying damage to cast-in-place self-centering concrete stepping walls. <i>Structural Concrete</i> , 2018, 19, 1713-1726.	1.5	15
21	Analytical prediction of seismic behavior of RC joints and columns under varying axial load. <i>Engineering Structures</i> , 2018, 174, 792-813.	2.6	13
22	Nonlinear analysis of RC frames considering shear behaviour of members under varying axial load. <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 2055-2078.	2.3	8
23	Strengthening and shape modification of fire-damaged concrete with expansive cement concrete and CFRP wrap. <i>Scientia Iranica</i> , 2017, .	0.3	1
24	Effect of Steel and Concrete Coupling Beam on Seismic Behavior of RC Frame Accompanied with Coupled Shear Walls. <i>Scientia Iranica</i> , 2017, .	0.3	1
25	Predicting the Ductility of RC Beams Using Nonlinear Regression and ANN. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2016, 40, 297-310.	1.0	19
26	A proposed model for predicting nonlinear behavior of RC joints under seismic loads. <i>Materials and Design</i> , 2016, 95, 563-579.	3.3	15
27	Sagging and Hogging Strengthening of Continuous Unbonded Posttensioned HSC Beams by NSM and EBR. <i>Journal of Composites for Construction</i> , 2016, 20, .	1.7	11
28	Performance based evaluation of RC coupled shear wall system with steel coupling beam. <i>Steel and Composite Structures</i> , 2016, 20, 337-355.	1.3	9
29	A new damage detection indicator for beams based on mode shape data. <i>Structural Engineering and Mechanics</i> , 2015, 53, 725-744.	1.0	39
30	Flexural strengthening of continuous unbonded post-tensioned concrete beams with end-anchored CFRP laminates. <i>Structural Engineering and Mechanics</i> , 2015, 53, 1083-1104.	1.0	10
31	Acceptable lower bound of the ductility index and serviceability state of RC continuous beams strengthened with CFRP sheets. <i>Scientia Iranica</i> , 2011, 18, 36-44.	0.3	25
32	Flexural Strengthening of RC Continuous Beams Using Hybrid FRP Sheets. , 2011, , 739-743.		5
33	Experimental investigations and verification of debonding strain of RHSC continuous beams strengthened in flexure with externally bonded FRPs. <i>Materials and Structures/Materiaux Et Constructions</i> , 2010, 43, 815-837.	1.3	18
34	Experimental and analytical investigation of reinforced high strength concrete continuous beams strengthened with fiber reinforced polymer. <i>Materials & Design</i> , 2010, 31, 1130-1147.	5.1	98
35	Flexural ductility of HSC members. <i>Structural Engineering and Mechanics</i> , 2006, 24, 195-212.	1.0	26