

Jamal A Abdalla

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

543
citations

1040056

9
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of reinforced concrete beams strengthened with externally bonded hybrid fiber reinforced polymer systems. <i>Materials & Design</i> , 2014, 53, 972-982.	5.1	210
2	Performance of reinforced concrete beams cast with different percentages of GGBS replacement to cement. <i>Archives of Civil and Mechanical Engineering</i> , 2017, 17, 511-519.	3.8	66
3	Prediction of minimum factor of safety against slope failure in clayey soils using artificial neural network. <i>Environmental Earth Sciences</i> , 2015, 73, 5463-5477.	2.7	60
4	Shear strengthening of reinforced concrete beams using externally-bonded aluminum alloy plates: An experimental study. <i>Construction and Building Materials</i> , 2016, 128, 24-37.	7.2	55
5	Experimental investigation of bond-slip behavior of aluminum plates adhesively bonded to concrete. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 82-99.	2.6	33
6	Shear Strengthening of Reinforced Concrete T-Beams with Anchored CFRP Laminates. <i>Journal of Composites for Construction</i> , 2021, 25, .	3.2	18
7	Probabilistic Seismic Hazard Assessment of Sudan and Its Vicinity. <i>Earthquake Spectra</i> , 2001, 17, 399-415.	3.1	17
8	Prediction of FRP-concrete ultimate bond strength using Artificial Neural Network. , 2011, , .		16
9	Durability of Reinforced Concrete Beams Externally Strengthened with CFRP Laminates under Harsh Climatic Conditions. <i>Journal of Composites for Construction</i> , 2021, 25, .	3.2	15
10	RC Columns Strengthened with NSM-CFRP Strips and CFRP Wraps under Axial and Uniaxial Bending: Experimental Investigation and Capacity Models. <i>Journal of Composites for Construction</i> , 2021, 25, .	3.2	14
11	Experimental Investigation and Modeling of the Thermal Effect on the Mechanical Properties of Polyethylene-Terephthalate FRP Laminates. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	8
12	Modeling and simulation of bond-slip behavior of Aluminum Alloy plates adhesively bonded to concrete. , 2017, , .		7
13	Behavior of RC Beams externally strengthened with Mortar bonded Steel Mesh. , 2019, , .		6
14	Bond behavior of Galvanized Steel Mesh to concrete. , 2018, , .		4
15	Using bore-epoxy anchorage to delay debonding of CFRP plates strengthened concrete beams. , 2018, , .		4
16	Contribution of Longitudinal NSM-CFRP Bars on the Shear Strength of RC Beams with Varying Depths and Concrete Strengths. <i>Journal of Composites for Construction</i> , 2022, 26, .	3.2	3
17	Prediction of backwater level of bridge constriction using an artificial neural network. <i>Water Management</i> , 2013, 166, 556-570.	1.2	2
18	Finite Element Modeling of Engineered Cementitious Composite (ECC) Prisms and Beams. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
19	Models for Predicting Strength of RC Columns Strengthened with NSM-CFRP Strips and CFRP-Fabric Wraps. Procedia Structural Integrity, 2022, 37, 660-667.	0.8	2
20	Dynamic Response of Shear-Flexible Cylindrical Isotropic Shells with Clamped Edges. Shock and Vibration, 2006, 13, 103-116.	0.6	1
21	Shear Behavior of RC Beams Cast with LAVA Lightweight Aggregates. , 2019, , .		0