

Ehab A Ahmed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11867730/publications.pdf>

Version: 2024-02-01

21
papers

1,016
citations

471509

17
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and Comparative Durability Study of Glass/Vinylester, Basalt/Vinylester, and Basalt/Epoxy FRP Bars. <i>Journal of Composites for Construction</i> , 2015, 19, .	3.2	138
2	Physical and mechanical characteristics of new basalt-FRP bars for reinforcing concrete structures. <i>Construction and Building Materials</i> , 2015, 95, 623-635.	7.2	112
3	Experimental testing of basalt-fiber-reinforced polymer bars in concrete beams. <i>Composites Part B: Engineering</i> , 2016, 91, 205-218.	12.0	107
4	Bend Strength of FRP Stirrups: Comparison and Evaluation of Testing Methods. <i>Journal of Composites for Construction</i> , 2010, 14, 3-10.	3.2	84
5	Evaluation of the flexural strength and serviceability of concrete beams reinforced with different types of GFRP bars. <i>Engineering Structures</i> , 2018, 173, 606-619.	5.3	79
6	Flexural Behavior of Concrete Beams Reinforced with Ribbed Basalt-FRP Bars under Static Loads. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	75
7	Flexural strength and serviceability evaluation of concrete beams reinforced with deformed GFRP bars. <i>Engineering Structures</i> , 2019, 186, 282-296.	5.3	60
8	Bond-dependent coefficient of glass- and carbon-FRP bars in normal- and high-strength concretes. <i>Construction and Building Materials</i> , 2016, 113, 77-89.	7.2	57
9	Shear Performance of RC Bridge Girders Reinforced with Carbon FRP Stirrups. <i>Journal of Bridge Engineering</i> , 2010, 15, 44-54.	2.9	50
10	Case Study: Design, Construction, and Performance of the La Chancelière Parking Garage's Concrete Flat Slabs Reinforced with GFRP Bars. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	36
11	Experimental Testing of Concrete Bridge-Deck Slabs Reinforced with Basalt-FRP Reinforcing Bars under Concentrated Loads. <i>Journal of Bridge Engineering</i> , 2016, 21, .	2.9	33
12	Punching shear strength of glass fiber-reinforced polymer reinforced concrete flat slabs. <i>Canadian Journal of Civil Engineering</i> , 2013, 40, 951-960.	1.3	32
13	Laboratory Characterization and Evaluation of Durability Performance of New Polyester and Vinylester E-glass GFRP Dowels for Jointed Concrete Pavement. <i>Journal of Composites for Construction</i> , 2013, 17, 176-187.	3.2	31
14	Punching Shear Behavior of Two-Way Slabs Reinforced with FRP Shear Reinforcement. <i>Journal of Composites for Construction</i> , 2015, 19, .	3.2	27
15	Construction and Testing of GFRP Steel Hybrid-Reinforced Concrete Bridge-Deck Slabs of Sainte-Catherine Overpass Bridges. <i>Journal of Bridge Engineering</i> , 2014, 19, .	2.9	25
16	Punching-shear design equation for two-way concrete slabs reinforced with FRP bars and stirrups. <i>Construction and Building Materials</i> , 2014, 66, 522-532.	7.2	19
17	Tensile Capacity of GFRP Postinstalled Adhesive Anchors in Concrete. <i>Journal of Composites for Construction</i> , 2008, 12, 596-607.	3.2	18
18	Concrete bridge barriers reinforced with glass fibre-reinforced polymer: static tests and pendulum impacts. <i>Canadian Journal of Civil Engineering</i> , 2013, 40, 1050-1059.	1.3	15

#	ARTICLE	IF	CITATIONS
19	Steel Post-and-Beam Barrier with GFRP-Reinforced Concrete Curb and Bridge Deck Connection. Journal of Bridge Engineering, 2013, 18, 1189-1197.	2.9	8
20	Design and Field Testing of a First Continuous Slab-on-Girder Bridge with a Hybrid GFRP-Steel-Reinforced Bridge Deck in Canada. Journal of Bridge Engineering, 2020, 25, 04020044.	2.9	6
21	Fibre-reinforced polymer composite shear reinforcement: performance evaluation in concrete beams and code prediction. Canadian Journal of Civil Engineering, 2010, 37, 1057-1070.	1.3	4