Ahmed H Ali

List of Publications by Year
in descending order

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28	666	687220	580701
papers	citations	13 h-index	25 g-index

28	28	28	384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laboratory assessment and durability performance of vinyl-ester, polyester, and epoxy glass-FRP bars for concrete structures. Composites Part B: Engineering, 2017, 114, 163-174.	5.9	167
2	Durability performance and long-term prediction models of sand-coated basalt FRP bars. Composites Part B: Engineering, 2019, 157, 248-258.	5.9	78
3	Evaluating the shear design equations of FRP-reinforced concrete beams without shear reinforcement. Engineering Structures, 2021, 235, 112017.	2.6	47
4	Bar size effect on long-term durability of sand-coated basalt-FRP composite bars. Composites Part B: Engineering, 2020, 195, 108059.	5.9	45
5	Statistical analysis and theoretical predictions of the tensile-strength retention of glass fiber-reinforced polymer bars based on resin type. Journal of Composite Materials, 2018, 52, 2929-2948.	1.2	44
6	Shear Behavior of Circular Concrete Members Reinforced with GFRP Bars and Spirals at Shear Span-to-Depth Ratios between 1.5 and 3.0. Journal of Composites for Construction, 2016, 20, .	1.7	38
7	Durability Performance and Service Life of CFCC Tendons Exposed to Elevated Temperature and Alkaline Environment. Journal of Composites for Construction, 2016, 20, .	1.7	34
8	Durability Assessment of Glass FRP Solid and Hollow Bars (Rock Bolts) for Application in Ground Control of Jurong Rock Caverns in Singapore. Journal of Composites for Construction, 2017, 21, .	1.7	28
9	Reconsideration of the Environmental Reduction Factor C _E for GFRP Reinforcing Bars in Concrete Structures. Journal of Composites for Construction, 2020, 24, .	1.7	22
10	A comparative adsorption/biosorption for the removal of phenol and lead onto granular activated carbon and dried anaerobic sludge. Desalination and Water Treatment, 2013, 51, 2055-2067.	1.0	21
11	Shear resistance of RC circular members with FRP discrete hoops versus spirals. Engineering Structures, 2018, 174, 688-700.	2.6	19
12	Theory-based approaches and microstructural analysis to evaluate the service life-retention of stressed carbon fiber composite strands for concrete bridge applications. Composites Part B: Engineering, 2019, 165, 279-292.	5.9	16
13	Shear Strength of Circular Concrete Beams Reinforced with Glass Fiber-Reinforced Polymer Bars and Spirals. ACI Structural Journal, 2016, 114, .	0.3	14
14	Strength and Behavior of Circular FRP-Reinforced Concrete Sections without Web Reinforcement in Shear. Journal of Structural Engineering, 2017, 143, .	1.7	13
15	Mechanism of distributed composite GFRP bars in circular concrete members with and without spirals under shear. Composites Part B: Engineering, 2019, 162, 62-72.	5.9	13
16	Behavior of GFRP strengthening masonry walls using glass fiber composite anchors. Structures, 2021, 29, 1352-1361.	1.7	11
17	Nonlinear finite elements modeling and experiments of FRP-reinforced concrete piles under shear loads. Structures, 2020, 28, 106-119.	1.7	10
18	Testing, design, and field implementation of GFRP RC soft-eyes for tunnel construction. Tunnelling and Underground Space Technology, 2020, 106, 103626.	3.0	9

#	Article	IF	Citations
19	Behavior of Circular Concrete Members Reinforced with Carbon-FRP Bars and Spirals under Shear. Journal of Composites for Construction, 2017, 21, .	1.7	8
20	Effect of applied sustained load and severe environments on durability performance of carbon-fiber composite cables. Journal of Composite Materials, 2019, 53, 677-692.	1.2	8
21	Service-life-prediction and field application of glass fiber-reinforced polymer tubular and solid bolts based on laboratory physical and mechanical assessment. Journal of Composite Materials, 2018, 52, 3309-3323.	1.2	6
22	Composite FRP reinforced concrete members with fiber reinforced polymer spirals. Structures, 2021, 33, 1868-1877.	1.7	5
23	Investigation of the Quadrupole Moment and Form Factors of Some Ca Isotopes. Baghdad Science Journal, 2020, 17, 0502.	0.4	4
24	Performance Evaluation of One-Way Concrete Slabs Reinforced with New Developed GFRP Bars. Materials Sciences and Applications, 2015, 06, 420-435.	0.3	3
25	Calculation magnetic dipole moments, electric quadrupole moments and form factors for some Ti isotopes. Physica Scripta, 2020, 95, 105306.	1.2	2
26	Durability and Long-Term Performance of Fiber-Reinforced Polymer as a New Civil Engineering Material. , 2018, , 49-59.		1
27	Experimental and Numerical Analysis of Steel and Fiber-Reinforced Polymer Concrete Beams under Transverse Load. ACI Structural Journal, 2022, , .	0.3	0
28	Analysis of circular concrete members reinforced with composite glass-FRP spirals. Composite Structures, 2022, 297, 115921.	3.1	0