

Ahmed H Ali

List of Publications by Year in descending order

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papers

666
citations

687220

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all docs

28
docs citations

28
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Numerical Analysis of Steel and Fiber-Reinforced Polymer Concrete Beams under Transverse Load. ACI Structural Journal, 2022, , .	0.3	0
2	Analysis of circular concrete members reinforced with composite glass-FRP spirals. Composite Structures, 2022, 297, 115921.	3.1	0
3	Behavior of GFRP strengthening masonry walls using glass fiber composite anchors. Structures, 2021, 29, 1352-1361.	1.7	11
4	Evaluating the shear design equations of FRP-reinforced concrete beams without shear reinforcement. Engineering Structures, 2021, 235, 112017.	2.6	47
5	Composite FRP reinforced concrete members with fiber reinforced polymer spirals. Structures, 2021, 33, 1868-1877.	1.7	5
6	Nonlinear finite elements modeling and experiments of FRP-reinforced concrete piles under shear loads. Structures, 2020, 28, 106-119.	1.7	10
7	Testing, design, and field implementation of GFRP RC soft-eyes for tunnel construction. Tunnelling and Underground Space Technology, 2020, 106, 103626.	3.0	9
8	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
9	Bar size effect on long-term durability of sand-coated basalt-FRP composite bars. Composites Part B: Engineering, 2020, 195, 108059.	5.9	45
10	Investigation of the Quadrupole Moment and Form Factors of Some Ca Isotopes. Baghdad Science Journal, 2020, 17, 0502.	0.4	4
11	Calculation magnetic dipole moments, electric quadrupole moments and form factors for some Ti isotopes. Physica Scripta, 2020, 95, 105306.	1.2	2
12	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
13	Durability performance and long-term prediction models of sand-coated basalt FRP bars. Composites Part B: Engineering, 2019, 157, 248-258.	5.9	78
14	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
15	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
16	Durability and Long-Term Performance of Fiber-Reinforced Polymer as a New Civil Engineering Material. , 2018, , 49-59.		1
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Shear resistance of RC circular members with FRP discrete hoops versus spirals. Engineering Structures, 2018, 174, 688-700.	2.6	19
20	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
21	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
22	Strength and Behavior of Circular FRP-Reinforced Concrete Sections without Web Reinforcement in Shear. Journal of Structural Engineering, 2017, 143, .	1.7	13
23	Behavior of Circular Concrete Members Reinforced with Carbon-FRP Bars and Spirals under Shear. Journal of Composites for Construction, 2017, 21, .	1.7	8
24	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
25	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
26	Shear Strength of Circular Concrete Beams Reinforced with Glass Fiber-Reinforced Polymer Bars and Spirals. ACI Structural Journal, 2016, 114, .	0.3	14
27	Performance Evaluation of One-Way Concrete Slabs Reinforced with New Developed GFRP Bars. Materials Sciences and Applications, 2015, 06, 420-435.	0.3	3
28	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