

# Ahmed H Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

593  
citations

759190

12  
h-index

610883

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory assessment and durability performance of vinyl-ester, polyester, and epoxy glass-FRP bars for concrete structures. <i>Composites Part B: Engineering</i> , 2017, 114, 163-174.	12.0	167
2	Durability performance and long-term prediction models of sand-coated basalt FRP bars. <i>Composites Part B: Engineering</i> , 2019, 157, 248-258.	12.0	78
3	Bar size effect on long-term durability of sand-coated basalt-FRP composite bars. <i>Composites Part B: Engineering</i> , 2020, 195, 108059.	12.0	45
4	Statistical analysis and theoretical predictions of the tensile-strength retention of glass fiber-reinforced polymer bars based on resin type. <i>Journal of Composite Materials</i> , 2018, 52, 2929-2948.	2.4	44
5	Shear Behavior of Circular Concrete Members Reinforced with GFRP Bars and Spirals at Shear Span-to-Depth Ratios between 1.5 and 3.0. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	38
6	Durability Performance and Service Life of CFCC Tendons Exposed to Elevated Temperature and Alkaline Environment. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	34
7	Durability Assessment of Glass FRP Solid and Hollow Bars (Rock Bolts) for Application in Ground Control of Jurong Rock Caverns in Singapore. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	28
8	Reconsideration of the Environmental Reduction Factor $C_{E}$ for GFRP Reinforcing Bars in Concrete Structures. <i>Journal of Composites for Construction</i> , 2020, 24, .	3.2	22
9	Shear resistance of RC circular members with FRP discrete hoops versus spirals. <i>Engineering Structures</i> , 2018, 174, 688-700.	5.3	19
10	Theory-based approaches and microstructural analysis to evaluate the service life-retention of stressed carbon fiber composite strands for concrete bridge applications. <i>Composites Part B: Engineering</i> , 2019, 165, 279-292.	12.0	16
11	Shear Strength of Circular Concrete Beams Reinforced with Glass Fiber-Reinforced Polymer Bars and Spirals. <i>ACI Structural Journal</i> , 2016, 114, .	0.2	14
12	Strength and Behavior of Circular FRP-Reinforced Concrete Sections without Web Reinforcement in Shear. <i>Journal of Structural Engineering</i> , 2017, 143, .	3.4	13
13	Mechanism of distributed composite GFRP bars in circular concrete members with and without spirals under shear. <i>Composites Part B: Engineering</i> , 2019, 162, 62-72.	12.0	13
14	Semi-interpenetrating network composites reinforced with Kevlar fibers for dental post fabrication. <i>Dental Materials Journal</i> , 2019, 38, 511-521.	1.8	11
15	Nonlinear finite elements modeling and experiments of FRP-reinforced concrete piles under shear loads. <i>Structures</i> , 2020, 28, 106-119.	3.6	10
16	Behavior of Circular Concrete Members Reinforced with Carbon-FRP Bars and Spirals under Shear. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	8
17	Effect of applied sustained load and severe environments on durability performance of carbon-fiber composite cables. <i>Journal of Composite Materials</i> , 2019, 53, 677-692.	2.4	8
18	<i>In vitro</i> Remineralization of Caries-affected Dentin after Selective Carious Tissue Removal. <i>World Journal of Dentistry</i> , 2018, 9, 170-179.	0.3	7

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19	Service-life-prediction and field application of glass fiber-reinforced polymer tubular and solid bolts based on laboratory physical and mechanical assessment. <i>Journal of Composite Materials</i> , 2018, 52, 3309-3323.	2.4	6
20	Self-Limiting versus Rotary Subjective Carious Tissue Removal: A Randomized Controlled Clinical Trial—2-Year Results. <i>Journal of Clinical Medicine</i> , 2020, 9, 2738.	2.4	6
21	Effect of adhesive materials on shear bond strength of a mineral trioxide aggregate. <i>American Journal of Dentistry</i> , 2016, 29, 46-50.	0.1	3
22	Design and Development of an Advanced Authentication Protocol for Mobile Applications using NFC Technology. <i>Journal of Computer Science</i> , 2019, 15, 1809-1819.	0.6	1
23	Structural and functional relations between the connective tissue and epithelium of enamel organ and their role during enamel maturation. <i>Journal of Molecular Histology</i> , 2021, 52, 975-989.	2.2	1
24	Bond strength of a new Kevlar fiber-reinforced composite post with semi-interpenetrating polymer network (IPN) matrix. <i>Journal of Clinical and Experimental Dentistry</i> , 2019, 11, e695-e700.	1.2	1
25	Obturation of Lateral Canals by a New Reciprocating Spreader and a Conventional Finger Spreader by Lateral Condensation Technique: in vitro Comparative Study. <i>World Journal of Dentistry</i> , 2018, 9, 265-269.	0.3	0
26	Cyclic Fatigue Resistance of One Curve, Hyflex EDM and Neolix NiTi Files in Simulated Curved Canals. <i>Indian Journal of Public Health Research and Development</i> , 2020, 11, 2485.	0.0	0