Ahmed M Ashteyat

List of Publications by Year
in descending order

31	444	636246 13	722670 20
papers	citations	h-index	g-index

32	32	32	386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Retrofitting of partially damaged reinforced concrete beam-column joints using various plate-configurations of CFRP under cyclic loading. Construction and Building Materials, 2019, 198, 313-322.	7.2	54
2	Influence of temperature on mechanical properties of recycled asphalt pavement aggregate and recycled coarse aggregate concrete. Construction and Building Materials, 2021, 269, 121285.	7.2	35
3	PREDICTIVE MODEL TO THE BOND STRENGTH OF FRP-TO-CONCRETE UNDER DIRECT PULLOUT USING GENE EXPRESSION PROGRAMMING. Journal of Civil Engineering and Management, 2019, 25, 773-784.	3.5	34
4	Performance of RC Beam Strengthened with NSM-CFRP Strip Under Pure Torsion: Experimental and Numerical Study. International Journal of Civil Engineering, 2020, 18, 585-593.	2.0	27
5	A new technique for repairing reinforced concrete columns. Journal of Building Engineering, 2020, 30, 101256.	3.5	22
6	Mechanical and durability behaviour of roller-compacted concrete containing white cement by pass dust and polypropylene fibre. European Journal of Environmental and Civil Engineering, 2022, 26, 166-183.	2.0	21
7	Shear strengthening of RC beams using side near surface mounted CFRP ropes and strips. Structures, 2021, 32, 380-390.	3.7	21
8	Shear strengthening of RC beams using near-surface mounted carbon fibre-reinforced polymers. Australian Journal of Structural Engineering, 2019, 20, 54-62.	1.0	18
9	COMPRESSIVE STRENGTH PREDICTION OF LIGHTWEIGHT SHORT COLUMNS AT ELEVATED TEMPERATURE USING GENE EXPRESSION PROGRAMING AND ARTIFICIAL NEURAL NETWORK. Journal of Civil Engineering and Management, 2020, 26, 189-199.	3.5	18
10	Seismic retrofitting of severely damaged RC connections made with recycled concrete using CFRP sheets. Frontiers of Structural and Civil Engineering, 2020, 14, 554-568.	2.8	17
11	Production of Roller Compacted Concrete Made of Recycled Asphalt Pavement Aggregate and Recycled Concrete Aggregate and Silica Fume. International Journal of Pavement Research and Technology, 2022, 15, 987-1002.	2.6	17
12	Repair of heat-damaged SCC cantilever beams using SNSM CFRP strips. Structures, 2020, 24, 151-162.	3.7	16
13	Behavior of heat damaged circular reinforced concrete columns repaired using Carbon Fiber Reinforced Polymer rope. Journal of Building Engineering, 2020, 31, 101424.	3.5	15
14	Prediction of mechanical properties of post-heated self-compacting concrete using non-destructive tests. European Journal of Environmental and Civil Engineering, 2014, 18, 1-10.	2.0	14
15	Stabilisation of fine-grained soils with saline water. European Journal of Environmental and Civil Engineering, 2013, 17, 32-45.	2.0	12
16	Strengthening and repair of one-way and two-way self-compacted concrete slabs using near-surface-mounted carbon-fiber-reinforced polymers. Advances in Structural Engineering, 2019, 22, 2435-2448.	2.3	12
17	Case study on production of self compacting concrete using white cement by pass dust. Case Studies in Construction Materials, 2018, 9, e00190.	1.7	11
18	Utilization of white cement bypass dust as filler in asphalt concrete mixtures. Canadian Journal of Civil Engineering, 2009, 36, 191-195.	1.3	10

#	Article	IF	Citations
19	The effect of length and inclination of carbon fiber reinforced polymer laminates on shear capacity of nearâ€surface mounted retrofitted reinforced concrete beams. Structural Concrete, 2021, 22, 3677-3691.	3.3	10
20	Shear behaviour of RC beams made with natural, recycled aggregate concrete and reclaimed asphalt aggregates under normal and elevated temperature. Journal of Building Engineering, 2021, 40, 102681.	3.5	9
21	Producing geopolymer composites using oil shale ash. Structural Concrete, 2019, 20, 225-235.	3.3	8
22	Bond characteristics between concrete and near-surface mounted carbon fiber reinforced polymer cords. Journal of Structural Integrity and Maintenance, 2021, 6, 223-236.	1.4	8
23	Behaviour of heat damaged repaired reinforced SCC cantilever beam using carbon fiber reinforced polymer rope. European Journal of Environmental and Civil Engineering, 2022, 26, 8002-8017.	2.0	8
24	Numerical study of contact stresses under foundations resting on cohesionless soil: Effects of foundation rigidity and applied stress level. KSCE Journal of Civil Engineering, 2017, 21, 1107-1114.	1.9	7
25	Experimental and analytical investigation of using externally bonded, hybrid, fiber-reinforced polymers to repair and strengthen heated, damaged RC beams in flexure. Journal of Structural Fire Engineering, 2022, 13, 391-417.	0.8	7
26	Experimental and numerical study of strengthening and repairing heat-damaged RC circular column using hybrid system of CFRP. Case Studies in Construction Materials, 2021, 15, e00742.	1.7	6
27	Roller Compacted Concrete with Oil Shale Ash as a Replacement of Cement: Mechanical and Durability Behavior. International Journal of Pavement Research and Technology, 2024, 17, 151-168.	2.6	5
28	Flexural behavior of RC beams incorporating recycled concrete aggregate and reclaimed asphalt pavement exposed to elevated temperatures. Results in Engineering, 2024, 22, 102309.	5.2	1
29	Influence of Basalt Fiber on the Rheological and Mechanical Properties and Durability Behavior of Self-Compacting Concrete (SCC). Fibers, 2024, 12, 52.	4.1	1
30	The behavior of strengthened RC beams under pure torsion using NSM-CFRP rope. International Journal of Building Pathology and Adaptation, 0, , .	1.4	0
31	Repairing of One-Way Solid Slab Exposed to Thermal Shock Using CFRP: Experimental and Analytical Study. Fibers, 2024, 12, 18.	4.1	0