

# Usama Ebead

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,167  
citations

361045

20  
h-index

433756

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fresh and hardened properties of seawater-mixed concrete. <i>Construction and Building Materials</i> , 2018, 190, 276-286.	3.2	190
2	Flexural Strengthening of RC Beams with Externally Bonded CFRP Systems: Test Results and 3D Nonlinear FE Analysis. <i>Journal of Composites for Construction</i> , 2008, 12, 190-201.	1.7	116
3	Life cycle cost analysis of structural concrete using seawater, recycled concrete aggregate, and GFRP reinforcement. <i>Construction and Building Materials</i> , 2018, 175, 152-160.	3.2	93
4	Different FRCM systems for shear-strengthening of reinforced concrete beams. <i>Construction and Building Materials</i> , 2017, 153, 514-526.	3.2	76
5	Hybrid NSE/EB technique for shear strengthening of reinforced concrete beams using FRCM: Experimental study. <i>Construction and Building Materials</i> , 2018, 164, 164-177.	3.2	62
6	Flexural and Interfacial Behavior of FRP-Strengthened Reinforced Concrete Beams. <i>Journal of Composites for Construction</i> , 2007, 11, 629-639.	1.7	59
7	Effect of corrosion damage on the flexural performance of RC beams strengthened with FRCM composites. <i>Composite Structures</i> , 2017, 180, 994-1006.	3.1	52
8	Nonlinear micromechanics-based bond-slip model for FRP/concrete interfaces. <i>Engineering Structures</i> , 2012, 39, 11-23.	2.6	46
9	Interfacial Behavior and Debonding Failures in FRP-Strengthened Concrete Slabs. <i>Journal of Composites for Construction</i> , 2007, 11, 619-628.	1.7	39
10	Mechanically Fastened FRP-Strengthened Two-Way Concrete Slabs with and without Cutouts. <i>Journal of Composites for Construction</i> , 2009, 13, 198-207.	1.7	37
11	Design and Evaluation of Fiber-Reinforced Polymer Bond-Type Anchorages and Ground Anchors. <i>International Journal of Geomechanics</i> , 2006, 6, 166-175.	1.3	36
12	FRCM/internal transverse shear reinforcement interaction in shear strengthened RC beams. <i>Composite Structures</i> , 2018, 201, 326-339.	3.1	33
13	Hybrid shear strengthening system for reinforced concrete beams: An experimental study. <i>Engineering Structures</i> , 2013, 49, 421-433.	2.6	32
14	Tensile Lap Splicing of Bundled CFRP Reinforcing Bars in Concrete. <i>Journal of Composites for Construction</i> , 2006, 10, 287-294.	1.7	31
15	Analysis of the Load-Deformation Behaviour and Debonding for FRP-Strengthened Concrete Structures. <i>Advances in Structural Engineering</i> , 2006, 9, 751-763.	1.2	30
16	Experimental results and modelling of corrosion-damaged concrete beams strengthened with externally-bonded composites. <i>Engineering Structures</i> , 2018, 172, 172-186.	2.6	30
17	Performance of Seawater-Mixed Recycled-Aggregate Concrete. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	26
18	Short-term flexural performance of seawater-mixed recycled-aggregate GFRP-reinforced concrete beams. <i>Composite Structures</i> , 2020, 236, 111860.	3.1	23

#	ARTICLE	IF	CITATIONS
19	Near surface embedded-FRCM for flexural strengthening of reinforced concrete beams. Construction and Building Materials, 2019, 204, 166-176.	3.2	22
20	Mechanics of fibre-reinforced polymer - concrete interfaces. Canadian Journal of Civil Engineering, 2007, 34, 367-377.	0.7	21
21	Flexural strengthening of reinforced concrete beams using hybrid near-surface embedded/externally bonded fabric-reinforced cementitious matrix. Construction and Building Materials, 2020, 238, 117748.	3.2	21
22	FRP/stirrups interaction of shear-strengthened beams. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	1.3	17
23	Cost effectiveness of reinforcement alternatives for a concrete water chlorination tank. Journal of Building Engineering, 2020, 27, 100992.	1.6	16
24	Shear span-to-depth ratio effect on steel reinforced grout strengthened reinforced concrete beams. Engineering Structures, 2020, 216, 110737.	2.6	13
25	Tensile characterization of multi-ply fabric-reinforced cementitious matrix strengthening systems. Structural Concrete, 2020, 21, 713-723.	1.5	12
26	Tension-stiffening model for FRP-strengthened concrete two-way slabs. Materials and Structures/Materiaux Et Constructions, 2005, 38, 193-200.	1.3	10
27	Strengthening of reinforced concrete beams in shear using different steel reinforced grout techniques. Structural Concrete, 2021, 22, 1113-1127.	1.5	9
28	Stoichiometric study of activated glass powder hydration. Advances in Cement Research, 2012, 24, 91-101.	0.7	6
29	Statistical Analyses and Parametric Study for Reinforced Concrete Beams Strengthened in Flexure with FRPs. Advances in Structural Engineering, 2010, 13, 805-822.	1.2	4
30	Development of high-strength lightweight non-autoclaved aerated concrete. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2020, 173, 705-714.	0.4	3
31	Experimental investigation on the chemical and physical properties of activated glass powder pastes. Advances in Cement Research, 2013, 25, 225-234.	0.7	2
32	Nonlinear finite element analysis of fibre-reinforced polymer/concrete joints. Advances in Structural Engineering, 2016, 19, 1604-1619.	1.2	0