

Usama Ebead

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

764
citations

17
h-index

27
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32
ext. papers

937
ext. citations

3.9
avg, IF

4.83
L-index

#	Paper	IF	Citations
32	Fresh and hardened properties of seawater-mixed concrete. <i>Construction and Building Materials</i> , 2018 , 190, 276-286	6.7	93
31	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	3.3	86
30	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	6.7	53
29	Different FRCM systems for shear-strengthening of reinforced concrete beams. <i>Construction and Building Materials</i> , 2017 , 153, 514-526	6.7	51
28	Nonlinear micromechanics-based bond-slip model for FRP/concrete interfaces. <i>Engineering Structures</i> , 2012 , 39, 11-23	4.7	44
27	Flexural and Interfacial Behavior of FRP-Strengthened Reinforced Concrete Beams. <i>Journal of Composites for Construction</i> , 2007 , 11, 629-639	3.3	44
26	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	6.7	38
25	Effect of corrosion damage on the flexural performance of RC beams strengthened with FRCM composites. <i>Composite Structures</i> , 2017 , 180, 994-1006	5.3	33
24	Design and Evaluation of Fiber-Reinforced Polymer Bond-Type Anchorages and Ground Anchors. <i>International Journal of Geomechanics</i> , 2006 , 6, 166-175	3.1	30
23	Mechanically Fastened FRP-Strengthened Two-Way Concrete Slabs with and without Cutouts. <i>Journal of Composites for Construction</i> , 2009 , 13, 198-207	3.3	29
22	Interfacial Behavior and Debonding Failures in FRP-Strengthened Concrete Slabs. <i>Journal of Composites for Construction</i> , 2007 , 11, 619-628	3.3	29
21	Hybrid shear strengthening system for reinforced concrete beams: An experimental study. <i>Engineering Structures</i> , 2013 , 49, 421-433	4.7	25
20	FRCM/internal transverse shear reinforcement interaction in shear strengthened RC beams. <i>Composite Structures</i> , 2018 , 201, 326-339	5.3	23
19	Analysis of the Load-Deformation Behaviour and Debonding for FRP-Strengthened Concrete Structures. <i>Advances in Structural Engineering</i> , 2006 , 9, 751-763	1.9	22
18	Tensile Lap Splicing of Bundled CFRP Reinforcing Bars in Concrete. <i>Journal of Composites for Construction</i> , 2006 , 10, 287-294	3.3	21
17	Experimental results and modelling of corrosion-damaged concrete beams strengthened with externally-bonded composites. <i>Engineering Structures</i> , 2018 , 172, 172-186	4.7	19
16	Performance of Seawater-Mixed Recycled-Aggregate Concrete. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04019331	3	18

15	Short-term flexural performance of seawater-mixed recycled-aggregate GFRP-reinforced concrete beams. <i>Composite Structures</i> , 2020 , 236, 111860	5.3	17
14	Mechanics of fibre-reinforced polymer - concrete interfaces. <i>Canadian Journal of Civil Engineering</i> , 2007 , 34, 367-377	1.3	15
13	Near surface embedded-FRCM for flexural strengthening of reinforced concrete beams. <i>Construction and Building Materials</i> , 2019 , 204, 166-176	6.7	13
12	FRP/stirrups interaction of shear-strengthened beams. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017 , 50, 1	3.4	11
11	Cost effectiveness of reinforcement alternatives for a concrete water chlorination tank. <i>Journal of Building Engineering</i> , 2020 , 27, 100992	5.2	11
10	Flexural strengthening of reinforced concrete beams using hybrid near-surface embedded/externally bonded fabric-reinforced cementitious matrix. <i>Construction and Building Materials</i> , 2020 , 238, 117748	6.7	10
9	Tension-stiffening model for FRP-strengthened concrete two-way slabs. <i>Materials and Structures/Materiaux Et Constructions</i> , 2005 , 38, 193-200	3.4	7
8	Tensile characterization of multi-ply fabric-reinforced cementitious matrix strengthening systems. <i>Structural Concrete</i> , 2020 , 21, 713-723	2.6	7
7	Shear span-to-depth ratio effect on steel reinforced grout strengthened reinforced concrete beams. <i>Engineering Structures</i> , 2020 , 216, 110737	4.7	5
6	Stoichiometric study of activated glass powder hydration. <i>Advances in Cement Research</i> , 2012 , 24, 91-101	1.8	4
5	Statistical Analyses and Parametric Study for Reinforced Concrete Beams Strengthened in Flexure with FRPs. <i>Advances in Structural Engineering</i> , 2010 , 13, 805-822	1.9	3
4	Strengthening of reinforced concrete beams in shear using different steel reinforced grout techniques. <i>Structural Concrete</i> , 2021 , 22, 1113-1127	2.6	2
3	Experimental investigation on the chemical and physical properties of activated glass powder pastes. <i>Advances in Cement Research</i> , 2013 , 25, 225-234	1.8	1
2	Development of high-strength lightweight non-autoclaved aerated concrete. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2020 , 173, 705-714	0.9	0
1	Nonlinear finite element analysis of fibre-reinforced polymer/concrete joints. <i>Advances in Structural Engineering</i> , 2016 , 19, 1604-1619	1.9	