Arash Karimipour

List of Publications by Year
in descending order

		516561	501076
23 papers	839 citations	16 h-index	28 g-index
41 all docs	41 docs citations	41 times ranked	417 citing authors

#	Article	IF	Citations
1	Effect of untreated coal waste as fine and coarse aggregates replacement on the properties of steel and polypropylene fibres reinforced concrete. Mechanics of Materials, 2020, 150, 103592.	1.7	37
2	Crack Width and Propagation in Recycled Coarse Aggregate Concrete Beams Reinforced with Steel Fibres. Applied Sciences (Switzerland), 2020, 10, 7587.	1.3	26
3	Flexural strength enhancement of recycled aggregate concrete beams with steel fibre-reinforced concrete jacket. Engineering Structures, 2021, 240, 112325.	2.6	25
4	Predicting the load-carrying capacity of GFRP-reinforced concrete columns using ANN and evolutionary strategy. Composite Structures, 2021, 275, 114470.	3.1	21
5	A thorough study on the effect of red mud, granite, limestone and marble slurry powder on the strengths of steel fibres-reinforced self-consolidation concrete: Experimental and numerical prediction. Journal of Building Engineering, 2021, 44, 103398.	1.6	17
6	Properties of Fibre-Reinforced High-Strength Concrete with Nano-Silica and Silica Fume. Applied Sciences (Switzerland), 2021, 11, 9696.	1.3	15
7	Experimental and numerical model for mechanical properties of concrete containing fly ash: Systematic review. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110547.	2.5	15
8	Retrofitting of the corroded reinforced concrete columns with CFRP and GFRP fabrics under different corrosion levels. Engineering Structures, 2021, 228, 111523.	2.6	14
9	Improved bending behaviour of steel-fibre-reinforced recycled aggregate concrete beams with a concrete jacket. Magazine of Concrete Research, 2021, 73, 608-626.	0.9	14
10	Propose new implement models to determine the compressive, tensile and flexural strengths of recycled coarse aggregate concrete via imperialist competitive algorithm. Journal of Building Engineering, 2021, 40, 102337.	1.6	14
11	Torsional behaviour of rectangular high-performance fibre-reinforced concrete beams. Structures, 2022, 35, 511-519.	1.7	13
12	Effect of EBR- and EBROG-GFRP laminate on the structural performance of corroded reinforced concrete columns subjected to a hysteresis load. Structures, 2021, 34, 1525-1544.	1.7	11
13	Behaviour Investigation of SMA-Equipped Bar Hysteretic Dampers Using Machine Learning Techniques. Applied Sciences (Switzerland), 2021, 11, 10057.	1.3	11
14	Three stress-based triangular elements. Engineering With Computers, 2020, 36, 1325-1345.	3.5	10
15	Crack Spacing Prediction of Fibre-Reinforced Concrete Beams with Lap-Spliced Bars by Machine Learning Models. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 833-850.	1.0	10
16	Experimental Investigation on the Shear Behaviour of Stud-Bolt Connectors of Steel-Concrete-Steel Fibre-Reinforced Recycled Aggregates Sandwich Panels. Materials, 2021, 14, 5185.	1.3	10
17	Increase the effectiveness of AMTMDs and PMTMDs on the seismic behaviour of structures case study: Ten-stories short period concrete building. Engineering Structures, 2021, 237, 112122.	2.6	8
18	Investigation of the Behaviour of Steel-Concrete-Steel Sandwich Slabs with Bi-Directional Corrugated-Strip Connectors. Applied Sciences (Switzerland), 2020, 10, 8647.	1.3	6

#	Article	IF	Citations
19	Analytical Scheme for Solid Stress Analysis. International Journal of Applied Mechanics, 2020, 12, 2050071.	1.3	4
20	A precise splice-length model for reinforced concrete structures. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2022, 175, 373-386.	0.4	4
21	New Model for the Lap-Splice Length of Tensile Reinforcement in Concrete Elements. Journal of Structural Engineering, 2021, 147, .	1.7	4
22	Study on the seismic behaviour of steel shear plates. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2021, , 1-18.	0.4	1
23	Stress Analysis by Two Cuboid Isoparametric Elements. European Journal of Computational Mechanics, 0, , .	0.0	1