Arash Karimipour

List of Publications by Year
in descending order

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23	839	516561 16	501076 28
papers	citations	h-index	g-index

41	41	41	417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Torsional behaviour of rectangular high-performance fibre-reinforced concrete beams. Structures, 2022, 35, 511-519.	1.7	13
3	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
4	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
5	Retrofitting of the corroded reinforced concrete columns with CFRP and GFRP fabrics under different corrosion levels. Engineering Structures, 2021, 228, 111523.	2.6	14
6	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
7	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
8	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
9	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
10	Flexural strength enhancement of recycled aggregate concrete beams with steel fibre-reinforced concrete jacket. Engineering Structures, 2021, 240, 112325.	2.6	25
11	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
12	Predicting the load-carrying capacity of GFRP-reinforced concrete columns using ANN and evolutionary strategy. Composite Structures, 2021, 275, 114470.	3.1	21
13	New Model for the Lap-Splice Length of Tensile Reinforcement in Concrete Elements. Journal of Structural Engineering, 2021, 147, .	1.7	4
14	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
15	Properties of Fibre-Reinforced High-Strength Concrete with Nano-Silica and Silica Fume. Applied Sciences (Switzerland), 2021, 11, 9696.	1.3	15
16	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
17	Behaviour Investigation of SMA-Equipped Bar Hysteretic Dampers Using Machine Learning Techniques. Applied Sciences (Switzerland), 2021, 11, 10057.	1.3	11
18	Three stress-based triangular elements. Engineering With Computers, 2020, 36, 1325-1345.	3.5	10

#	Article	IF	Citations
19	Analytical Scheme for Solid Stress Analysis. International Journal of Applied Mechanics, 2020, 12, 2050071.	1.3	4
20	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
21	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
22	Crack Width and Propagation in Recycled Coarse Aggregate Concrete Beams Reinforced with Steel Fibres. Applied Sciences (Switzerland), 2020, 10, 7587.	1.3	26
23	Stress Analysis by Two Cuboid Isoparametric Elements. European Journal of Computational Mechanics, 0, , .	0.0	1