

Shami Nejadi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,026
citations

471509

17
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified 3D printed powder to cement-based material and mechanical properties of cement scaffold used in 3D printing. <i>Construction and Building Materials</i> , 2017, 138, 398-409.	7.2	146
2	Self-compacting concrete incorporating steel and polypropylene fibers: Compressive and tensile strengths, moduli of elasticity and rupture, compressive stressâ€‘strain curve, and energy dissipated under compression. <i>Composites Part B: Engineering</i> , 2013, 53, 121-133.	12.0	120
3	Mechanical properties of conventional and self-compacting concrete: An analytical study. <i>Construction and Building Materials</i> , 2012, 36, 330-347.	7.2	89
4	Review of Emerging Additive Manufacturing Technologies in 3D Printing of Cementitious Materials in the Construction Industry. <i>Frontiers in Built Environment</i> , 2019, 4, .	2.3	82
5	A Study into the Effect of Different Nozzles Shapes and Fibre-Reinforcement in 3D Printed Mortar. <i>Materials</i> , 2019, 12, 1708.	2.9	69
6	Bond Behavior of Reinforcement in Conventional and Self-Compacting Concrete. <i>Advances in Structural Engineering</i> , 2012, 15, 2033-2051.	2.4	57
7	Experimental analysis of fiberâ€‘reinforced recycled aggregate selfâ€‘compacting concrete using waste recycled concrete aggregates, polypropylene, and steel fibers. <i>Structural Concrete</i> , 2019, 20, 1670-1683.	3.1	54
8	Dimensional accuracy, flowability, wettability, and porosity in inkjet 3DP for gypsum and cement mortar materials. <i>Automation in Construction</i> , 2020, 110, 102964.	9.8	54
9	Mix design of light-weight self-compacting concrete. <i>Case Studies in Construction Materials</i> , 2016, 4, 1-14.	1.7	43
10	Creep and Shrinkage of Self-Compacting Concrete with and without Fibers. <i>Journal of Advanced Concrete Technology</i> , 2013, 11, 251-265.	1.8	42
11	Bond characteristics of steel fibre reinforced self-compacting concrete. <i>Canadian Journal of Civil Engineering</i> , 2012, 39, 834-848.	1.3	34
12	Shrinkage behavior of self-compacting concrete. <i>Journal of Zhejiang University: Science A</i> , 2012, 13, 407-419.	2.4	27
13	Effects of deposition velocity in the presence/absence of E6-glass fibre on extrusion-based 3D printed mortar. <i>Additive Manufacturing</i> , 2020, 32, 101069.	3.0	24
14	Review on the mixture design and mechanical properties of the lightweight concrete containing expanded polystyrene beads. <i>Australian Journal of Structural Engineering</i> , 2018, 19, 1-23.	1.1	23
15	Analytical review of the mix design of fiber reinforced high strength self-compacting concrete. <i>Journal of Building Engineering</i> , 2018, 20, 264-276.	3.4	23
16	Mechanical characteristics of self-compacting concrete with and without fibres. <i>Magazine of Concrete Research</i> , 2013, 65, 608-622.	2.0	21
17	Long-term flexural cracking control of reinforced self-compacting concrete one way slabs with and without fibres. <i>Computers and Concrete</i> , 2014, 14, 419-444.	0.7	18
18	Short term bond shear stress and cracking control of reinforced self-compacting concrete one way slabs under flexural loading. <i>Computers and Concrete</i> , 2014, 13, 709-737.	0.7	15

#	ARTICLE	IF	CITATIONS
19	Empirical models and design codes in prediction of modulus of elasticity of concrete. <i>Frontiers of Structural and Civil Engineering</i> , 2019, 13, 38-48.	2.9	13
20	Investigation into the effect of delays between printed layers on the mechanical strength of inkjet 3DP mortar. <i>Manufacturing Letters</i> , 2020, 23, 19-22.	2.2	12
21	Bond characteristics of steel fiber and deformed reinforcing steel bar embedded in steel fiber reinforced self-compacting concrete (SFRSCC). <i>Open Engineering</i> , 2012, 2, .	1.6	9
22	Effects of Different Orientation Angle, Size, Surface Roughness, and Heat Curing on Mechanical Behavior of 3D Printed Cement Mortar With/Without Glass Fiber in Powder-Based 3DP. <i>3D Printing and Additive Manufacturing</i> , 2023, 10, 330-355.	2.9	9
23	Optimisation of Different Concrete Mix Designs for 3D Printing by Utilizing 6DOF Industrial Robot. , 2017, , .		9
24	Mechanical Properties of Cement-Based Materials and Effect of Elevated Temperature on 3-D Printed Mortar Specimens in Inkjet 3-D Printing. <i>ACI Materials Journal</i> , 2019, 116, .	0.2	8
25	Experimental investigation on flexural behaviour of composite PVC encased macro-synthetic fibre reinforced concrete walls. <i>Construction and Building Materials</i> , 2021, 273, 121756.	7.2	6
26	Experimental investigation on interface shear strength of composite PVC encased macro-synthetic fibre reinforced concrete walls. <i>Structures</i> , 2021, 34, 729-737.	3.6	6
27	Instantaneous deflection of light-weight concrete slabs. <i>Frontiers of Structural and Civil Engineering</i> , 2017, 11, 412-423.	2.9	4
28	Effect of Heat Curing and E6-Glass Fibre Reinforcement Addition on Powder-Based 3DP Cement Mortar. <i>RILEM Bookseries</i> , 2020, , 508-515.	0.4	3
29	Comparison of the analytical models to determine modulus of rupture of self-compacting concrete and conventional concrete. , 2012, , 1105-1112.		2
30	Instantaneous and time-dependent flexural cracking models of reinforced self-compacting concrete slabs with and without fibres. <i>Computers and Concrete</i> , 2015, 16, 223-243.	0.7	2
31	Sensitivity of concrete properties to compressive strength. <i>Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics</i> , 2018, 171, 29-44.	0.4	1
32	Experimental investigation on <sc>inâ€plane</sc> lateral stiffness and degree of ductility of composite <sc>PVC</sc> reinforced concrete walls. <i>Structural Concrete</i> , 2021, 22, 2126-2137.	3.1	1