Anwar Khitab

List of Publications by Year
in descending order

41 papers	798 citations	687363 13 h-index	501196 28 g-index
44 all docs	44 docs citations	44 times ranked	587 citing authors

#	Article	IF	Citations
1	Microbiologically induced deterioration of concrete. , 2022, , 389-403.		1
2	Thermal insulation of buildings through classical materials and nanomaterials. , 2022, , 277-303.		1
3	Performance augmentation of asphalt binder with multi-walled carbon nanotubes. Proceedings of the Institution of Civil Engineers: Transport, 2021, 174, 130-141.	0.6	6
4	Evaluation of Concrete with Partial Replacement of Cement by Waste Marble Powder. Civil Engineering Journal (Iran), 2021, 7, 59-70.	3.9	18
5	Production of Biochar and Its Potential Application in Cementitious Composites. Crystals, 2021, 11, 527.	2.2	14
6	Synergistic Use of Fly Ash and Silica Fume to Produce High-Strength Self-Compacting Cementitious Composites. Crystals, 2021, 11, 915.	2.2	13
7	Manufacturing of Clayey Bricks by Synergistic Use of Waste Brick and Ceramic Powders as Partial Replacement of Clay. Sustainability, 2021, 13, 10214.	3.2	9
8	Activation of slag through a combination of NaOH/NaS alkali for transforming it into geopolymer slag binder mortar â€“ assessment the effects of two different Blaine fines and three different curing conditions. Journal of Materials Research and Technology, 2021, 14, 1569-1584.	5.8	20
9	Nanotechnology From Engineers to Toxicologists. , 2021, , 1-29.		0
10	Development and assessment of cement and concrete made of the burning of quinary by-product. Journal of Materials Research and Technology, 2021, 15, 3708-3721.	5.8	17
11	Experimental analysis on partial replacement of cement with brick powder in concrete. Case Studies in Construction Materials, 2021, 15, e00749.	1.7	12
12	Synthesis, physico-mechanical properties, material processing, and math models of novel superior materials doped flake of carbon and colloid flake of carbon. Journal of Materials Research and Technology, 2021, 15, 4993-5009.	5.8	14
13	Use of ceramic waste powder for manufacturing durable and eco-friendly bricks. Asian Journal of Civil Engineering, 2020, 21, 243-252.	1.6	8
14	Carbon Nanotubes and Their Use for Asphalt Binder Modification: A Review. Emerging Materials Research, 2020, 9, 1-16.	0.7	13
15	Applications of self healing nano concretes. , 2020, , 501-524.		6
16	Green non-load bearing concrete blocks incorporating industrial wastes. SN Applied Sciences, 2020, 2, 1.	2.9	5
17	Effect of Admixtures on Mechanical Properties of Cementitious Mortar. Civil Engineering Journal (Iran), 2020, 6, 2175-2187.	3.9	7
18	Finite Element Analysis of Structural Concrete Insulated Panels Subjected to Dynamic Loadings. Civil Engineering Beyond Limits, 2020, 1, 31-37.	0.2	1

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19	Nano Wonders in Concrete Technology: Mini Review. , 2020, 1, 25-28.		0
20	Classical Building Materials. , 2020, , 304-326.		0
21	Evaluation of sustainable clay bricks incorporating Brick Kiln Dust. Journal of Building Engineering, 2019, 24, 100725.	3.4	31
22	Nanotechnology From Engineers to Toxicologists. International Journal of Applied Nanotechnology Research, 2019, 4, 1-25.	1.1	3
23	Suitability of Gini moraines as natural pozzolanic material for Diamer Basha dam project. Proceedings of Institution of Civil Engineers: Construction Materials, 2019, 172, 173-178.	1.1	1
24	Evaluation of Steel Industrial Slag as Partial Replacement of Cement in Concrete. Civil Engineering Journal (Iran), 2019, 5, 181.	3.9	15
25	Development of Eco-Friendly Fired Clay Bricks Incorporating Recycled Marble Powder. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	49
26	Synthesis and Applications of Nano Titania Particles: A Review. Reviews on Advanced Materials Science, 2018, 53, 90-105.	3.3	19
27	Applications of Nano Technology in Civil Engineering. International Journal of Strategic Engineering, 2018, 1, 48-64.	0.3	8
28	Development of streamflow prediction models for a weir using ANN and step-wise regression. Modeling Earth Systems and Environment, 2018, 4, 1021-1028.	3.4	11
29	Effect of Multi-walled Carbon Nanotubes on Mechanical Behavior of Concrete. , 2018, , .		1
30	Improving the mechanical performance of cement composites by carbon nanotubes addition. Procedia Structural Integrity, 2017, 3, 11-17.	0.8	52
31	Predictive Models of Chloride Penetration in concrete: An Overview. , 2017, 1, 1-14.		5
32	Fracture toughness and failure mechanism of high performance concrete incorporating carbon nanotubes. Frattura Ed Integrita Strutturale, 2017, 11, 238-248.	0.9	10
33	Risks and Preventive Measures of Nanotechnology. , 2017, , 1605-1623.		1
34	Manufacturing of sustainable clay bricks: Utilization of waste sugarcane bagasse and rice husk ashes. Construction and Building Materials, 2016, 120, 29-41.	7.2	196
35	Lunar concrete: Prospects and challenges. Astronomy Reports, 2016, 60, 306-312.	0.9	14
36	Exploratory study on the effect of waste rice husk and sugarcane bagasse ashes in burnt clay bricks. Journal of Building Engineering, 2016, 7, 372-378.	3.4	129

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37	Classical Building Materials. Advances in Civil and Industrial Engineering Book Series, 2016, , 1-27.	0.2	9
38	Risks and Preventive Measures of Nanotechnology. Advances in Civil and Industrial Engineering Book Series, 2016, , 253-276.	0.2	0
39	Development of sediment load estimation models by using artificial neural networking techniques. Environmental Monitoring and Assessment, 2015, 187, 686.	2.7	25
40	Predictive model for chloride penetration through concrete. Magazine of Concrete Research, 2005, 57, 511-520.	2.0	41
41	Use of Flexible Engineered Cementitious Composite in Buildings. Key Engineering Materials, 0, 510-511, 591-596.	0.4	1