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	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
2	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
3	Improving the mechanical performance of cement composites by carbon nanotubes addition. Procedia Structural Integrity, 2017, 3, 11-17.	0.8	52
4	Development of Eco-Friendly Fired Clay Bricks Incorporating Recycled Marble Powder. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	49
5	Predictive model for chloride penetration through concrete. Magazine of Concrete Research, 2005, 57, 511-520.	2.0	41
6	Evaluation of sustainable clay bricks incorporating Brick Kiln Dust. Journal of Building Engineering, 2019, 24, 100725.	3.4	31
7	Development of sediment load estimation models by using artificial neural networking techniques. Environmental Monitoring and Assessment, 2015, 187, 686.	2.7	25
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	Synthesis and Applications of Nano Titania Particles: A Review. Reviews on Advanced Materials Science, 2018, 53, 90-105.	3.3	19
10	Evaluation of Concrete with Partial Replacement of Cement by Waste Marble Powder. Civil Engineering Journal (Iran), 2021, 7, 59-70.	3.9	18
11	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
12	Evaluation of Steel Industrial Slag as Partial Replacement of Cement in Concrete. Civil Engineering Journal (Iran), 2019, 5, 181.	3.9	15
13	Lunar concrete: Prospects and challenges. Astronomy Reports, 2016, 60, 306-312.	0.9	14
14	Production of Biochar and Its Potential Application in Cementitious Composites. Crystals, 2021, 11, 527.	2.2	14
15	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
16	Carbon Nanotubes and Their Use for Asphalt Binder Modification: A Review. Emerging Materials Research, 2020, 9, 1-16.	0.7	13
17	Synergistic Use of Fly Ash and Silica Fume to Produce High-Strength Self-Compacting Cementitious Composites. Crystals, 2021, 11, 915.	2.2	13
18	Experimental analysis on partial replacement of cement with brick powder in concrete. Case Studies in Construction Materials, 2021, 15, e00749.	1.7	12

#	Article	IF	Citations
19	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
20	Fracture toughness and failure mechanism of high performance concrete incorporating carbon nanotubes. Frattura Ed Integrita Strutturale, 2017, 11, 238-248.	0.9	10
21	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
22	Classical Building Materials. Advances in Civil and Industrial Engineering Book Series, 2016, , 1-27.	0.2	9
23	Applications of Nano Technology in Civil Engineering. International Journal of Strategic Engineering, 2018, 1, 48-64.	0.3	8
24	Use of ceramic waste powder for manufacturing durable and eco-friendly bricks. Asian Journal of Civil Engineering, 2020, 21, 243-252.	1.6	8
25	Effect of Admixtures on Mechanical Properties of Cementitious Mortar. Civil Engineering Journal (Iran), 2020, 6, 2175-2187.	3.9	7
26	Applications of self healing nano concretes. , 2020, , 501-524.		6
27	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
28	Green non-load bearing concrete blocks incorporating industrial wastes. SN Applied Sciences, 2020, 2, 1.	2.9	5
29	Predictive Models of Chloride Penetration in concrete: An Overview. , 2017, 1, 1-14.		5
30	Nanotechnology From Engineers to Toxicologists. International Journal of Applied Nanotechnology Research, 2019, 4, 1-25.	1.1	3
31	Use of Flexible Engineered Cementitious Composite in Buildings. Key Engineering Materials, 0, 510-511, 591-596.	0.4	1
32	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
33	Finite Element Analysis of Structural Concrete Insulated Panels Subjected to Dynamic Loadings. Civil Engineering Beyond Limits, 2020, 1, 31-37.	0.2	1
34	Risks and Preventive Measures of Nanotechnology. , 2017, , 1605-1623.		1
35	Effect of Multi-walled Carbon Nanotubes on Mechanical Behavior of Concrete. , 2018, , .		1
36	Microbiologically induced deterioration of concrete. , 2022, , 389-403.		1

#	Article	IF	Citations
37	Thermal insulation of buildings through classical materials and nanomaterials. , 2022, , 277-303.		1
38	Nanotechnology From Engineers to Toxicologists. , 2021, , 1-29.		0
39	Risks and Preventive Measures of Nanotechnology. Advances in Civil and Industrial Engineering Book Series, 2016, , 253-276.	0.2	0
40	Nano Wonders in Concrete Technology: Mini Review. , 2020, 1, 25-28.		0
41	Classical Building Materials. , 2020, , 304-326.		0