Farshad Ameri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8738898/publications.pdf

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24 papers	1,246 citations	471509 17 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	926 citing authors

#	Article	IF	Citations
1	Rice husk ash as a partial replacement of cement in high strength concrete containing micro silica: Evaluating durability and mechanical properties. Case Studies in Construction Materials, 2017, 7, 73-81.	1.7	156
2	Microstructure, strength, and durability of eco-friendly concretes containing sugarcane bagasse ash. Construction and Building Materials, 2018, 184, 258-268.	7.2	121
3	Optimum rice husk ash content and bacterial concentration in self-compacting concrete. Construction and Building Materials, 2019, 222, 796-813.	7.2	88
4	Waste ceramic powder-based geopolymer mortars: Effect of curing temperature and alkaline solution-to-binder ratio. Construction and Building Materials, 2019, 227, 116686.	7.2	87
5	Recycled ceramic waste high strength concrete containing wollastonite particles and micro-silica: A comprehensive experimental study. Construction and Building Materials, 2019, 201, 11-32.	7.2	87
6	Geopolymers vs. alkali-activated materials (AAMs): A comparative study on durability, microstructure, and resistance to elevated temperatures of lightweight mortars. Construction and Building Materials, 2019, 222, 49-63.	7.2	84
7	Partial replacement of copper slag with treated crumb rubber aggregates in alkali-activated slag mortar. Construction and Building Materials, 2020, 256, 119468.	7.2	78
8	Alkali-activated slag (AAS) paste: Correlation between durability and microstructural characteristics. Construction and Building Materials, 2021, 267, 120886.	7.2	77
9	Glass powder as a partial precursor in Portland cement and alkali-activated slag mortar: A comprehensive comparative study. Construction and Building Materials, 2020, 251, 118991.	7.2	68
10	Performance of sustainable high strength concrete with basic oxygen steel-making (BOS) slag and nano-silica. Journal of Building Engineering, 2019, 25, 100791.	3.4	62
11	Green high strength concrete containing recycled waste ceramic aggregates and waste carpet fibers: Mechanical, durability, and microstructural properties. Journal of Building Engineering, 2019, 26, 100914.	3.4	61
12	Ambient-cured alkali-activated slag paste incorporating micro-silica as repair material: Effects of alkali activator solution on physical and mechanical properties. Construction and Building Materials, 2019, 229, 116911.	7.2	46
13	Lightweight geopolymer concrete: A critical review on the feasibility, mixture design, durability properties, and microstructure. Ceramics International, 2022, 48, 10347-10371.	4.8	38
14	Steel fibre-reinforced high-strength concrete incorporating copper slag: Mechanical, gamma-ray shielding, impact resistance, and microstructural characteristics. Journal of Building Engineering, 2020, 29, 101118.	3.4	27
15	Mechanical and gamma-ray shielding properties and environmental benefits of concrete incorporating GGBFS and copper slag. Journal of Building Engineering, 2021, 33, 101615.	3.4	26
16	Comparative study on the effect of fiber type and content on the fire resistance of alkali-activated slag composites. Construction and Building Materials, 2021, 288, 123136.	7.2	23
17	Modern heavyweight concrete shielding: Principles, industrial applications and future challenges; review. Journal of Building Engineering, 2021, 39, 102290.	3.4	20
18	Zero-cement vs. cementitious mortars: An experimental comparative study on engineering and environmental properties. Journal of Building Engineering, 2020, 32, 101620.	3.4	16

#	Article	IF	Citations
19	Physico-mechanical properties and micromorphology of AAS mortars containing copper slag as fine aggregate at elevated temperature. Journal of Building Engineering, 2021, 39, 102289.	3.4	13
20	Effect of nano-silica slurry on engineering, X-ray, and Î³-ray attenuation characteristics of steel slag high-strength heavyweight concrete. Nanotechnology Reviews, 2020, 9, 1245-1264.	5.8	8
21	Experimental Evaluation of Eco-friendly Light Weight Concrete with Optimal Level of Rice Husk Ash Replacement. Civil Engineering Journal (Iran), 2017, 3, 972.	3.9	8
22	Partial Replacement of Limestone and Silica Powder as a Substitution of Cement in Lightweight Aggregate Concrete. Civil Engineering Journal (Iran), 2017, 3, 627-640.	3.9	5
23	Difference between geopolymers and alkali-activated materials. , 2022, , 421-435.		2
24	Quarry dust. , 2022, , 507-543.		2