Yazan Alrefaei

List of Publications by Year
in descending order

21 papers	**1,067** citations	430442 **18** h-index	713013 **21** g-index
21 all docs	**21** docs citations	**21** times ranked	**665** citing authors

#	Article	IF	Citations
1	Silico-Aluminophosphate and Alkali-Aluminosilicate Geopolymers: A Comparative Review. Frontiers in Materials, 2019, 6, .	1.2	125
2	Tensile behavior and microstructure of hybrid fiber ambient cured one-part engineered geopolymer composites. Construction and Building Materials, 2018, 184, 419-431.	3.2	124
3	The effectiveness of different superplasticizers in ambient cured one-part alkali activated pastes. Cement and Concrete Composites, 2019, 97, 166-174.	4.6	104
4	Influence of coal fly ash on the early performance enhancement and formation mechanisms of silico-aluminophosphate geopolymer. Cement and Concrete Research, 2020, 127, 105932.	4.6	76
5	Shear strength of longitudinally reinforced recycled aggregate concrete beams. Engineering Structures, 2017, 145, 273-282.	2.6	71
6	The bond between geopolymer repair mortars and OPC concrete substrate: Strength and microscopic interactions. Cement and Concrete Composites, 2021, 119, 103991.	4.6	65
7	Effect of superplasticizers on properties of one-part $Ca(OH)_2/Na_2SO_4$ activated geopolymer pastes. Construction and Building Materials, 2020, 241, 117990.	3.2	53
8	Artificial alkali-activated aggregates developed from wastes and by-products: A state-of-the-art review. Resources, Conservation and Recycling, 2022, 177, 105971.	5.3	51
9	Experimental study on full-volume fly ash geopolymer mortars: Sintered fly ash versus sand as fine aggregates. Journal of Cleaner Production, 2020, 263, 121445.	4.6	46
10	Shear strength of recycled aggregate concrete beams containing stirrups. Construction and Building Materials, 2018, 191, 866-876.	3.2	45
11	Reduce VOCs and PM emissions of warm-mix asphalt using geopolymer additives. Construction and Building Materials, 2020, 244, 118338.	3.2	41
12	Recent advances in molecular dynamics simulation of the N-A-S-H geopolymer system: modeling, structural analysis, and dynamics. Construction and Building Materials, 2021, 276, 122196.	3.2	41
13	A preliminary study on capsule-based self-healing grouting materials for grouted splice sleeve connection. Construction and Building Materials, 2018, 170, 418-423.	3.2	39
14	Effect of mixing method on the performance of alkali-activated fly ash/slag pastes along with polycarboxylate admixture. Cement and Concrete Composites, 2021, 117, 103917.	4.6	39
15	Improvement of early-age properties of silico-aluminophosphate geopolymer using dead burnt magnesia. Construction and Building Materials, 2019, 217, 1-11.	3.2	31
16	Roles of hybrid activators in improving the early-age properties of one-part geopolymer pastes. Construction and Building Materials, 2021, 306, 124880.	3.2	31
17	Effect of sand content on bond performance of engineered geopolymer composites (EGC) repair material. Construction and Building Materials, 2022, 328, 127080.	3.2	29
18	Shear Strength of Beams Made Using Hybrid Fiberâ€"Engineered Cementitious Composites. Journal of Structural Engineering, 2018, 144, .	1.7	25

#	Article	IF	Citations
19	Effects of delayed addition of polycarboxylate ether on one-part alkali-activated fly ash/slag pastes: Adsorption, reaction kinetics, and rheology. Construction and Building Materials, 2022, 323, 126611.	3.2	14
20	Deflection hardening behavior and elastic modulus of one-part hybrid fiber-reinforced geopolymer composites. Journal of Asian Concrete Federation, 2019, 5, 37-51.	0.8	11
21	Effects of Solid Activator and Fly Ash on Rheology and Thixotropy of One-Part Alkali-Activated Pastes. Journal of Advanced Concrete Technology, 2022, 20, 139-151.	0.8	6