Kadri el-hadj

List of Publications by Year
in descending order

49	2,118	279487	233125
papers	citations	23 h-index	45 g-index

50	50	50	1687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of granulated blast furnace slag and superplasticizer type on the fresh properties and compressive strength of self-compacting concrete. Cement and Concrete Composites, 2012, 34, 583-590.	4.6	194
2	Performance and durability of self compacting concrete using recycled concrete aggregates and natural pozzolan. Journal of Cleaner Production, 2017, 165, 415-430.	4.6	130
3	Influence of metakaolin and silica fume on the heat of hydration and compressive strength development of mortar. Applied Clay Science, 2011, 53, 704-708.	2.6	118
4	Rheology of fly ash-based geopolymer: Effect of NaOH concentration. Construction and Building Materials, 2019, 223, 583-594.	3.2	115
5	Strength, durability, and micro-structural properties of concrete made with used-foundry sand (UFS). Construction and Building Materials, 2011, 25, 1916-1925.	3.2	114
6	Hydration heat kinetics of concrete with silica fume. Construction and Building Materials, 2009, 23, 3388-3392.	3.2	112
7	Properties of self-compacting mortar made with various types of sand. Cement and Concrete Composites, 2012, 34, 1167-1173.	4.6	109
8	Influence of calcined kaolin on mortar properties. Construction and Building Materials, 2011, 25, 2275-2282.	3.2	100
9	Effect of polyester fibres on the compressive strength and abrasion resistance of HVFA concrete. Construction and Building Materials, 2012, 29, 270-278.	3.2	94
10	Influence of bacteria on compressive strength and permeation properties of concrete made with cement baghouse filter dust. Construction and Building Materials, 2016, 106, 461-469.	3.2	93
11	Assessing the effects of recycled asphalt pavement materials on the performance of roller compacted concrete. Construction and Building Materials, 2015, 101, 617-621.	3.2	92
12	Compressive strength and shrinkage of mortar containing various amounts of mineral additions. Construction and Building Materials, 2011, 25, 3603-3609.	3.2	83
13	Evaluation of rheological parameters of mortar containing various amounts of mineral addition with polycarboxylate superplasticizer. Construction and Building Materials, 2014, 70, 549-559.	3.2	76
14	Dune sand and pumice impact on mechanical and thermal lightweight concrete properties. Construction and Building Materials, 2017, 133, 209-218.	3.2	50
15	Effect of cement and admixture on the utilization of recycled aggregates in concrete. Construction and Building Materials, 2017, 149, 91-102.	3.2	49
16	Effect of metakaolin and foundry sand on the near surface characteristics of concrete. Construction and Building Materials, 2011, 25, 3257-3266.	3.2	45
17	Effect of using metakaolin as supplementary cementitious material and recycled CRT funnel glass as fine aggregate on the durability of green self-compacting concrete. Construction and Building Materials, 2020, 235, 117802.	3.2	44
18	Prediction of the durability performance of ternary cement containing limestone powder and ground granulated blast furnace slag. Construction and Building Materials, 2019, 209, 215-221.	3.2	34

#	Article	IF	Citations
19	Paste and mortar studies on the influence of mix design parameters on autogenous shrinkage of self-compacting concrete. Construction and Building Materials, 2013, 47, 969-976.	3.2	33
20	Estimation of mortars compressive strength at different curing temperature by the maturity method. Construction and Building Materials, 2014, 71, 299-307.	3.2	33
21	Experimental investigation on effects of calcined bentonite on fresh, strength and durability properties of sustainable self-compacting concrete. Construction and Building Materials, 2020, 230, 117062.	3.2	32
22	Effect of fine aggregate replacement with desert dune sand on fresh properties and strength of self-compacting mortars. Journal of Adhesion Science and Technology, 2014, 28, 2182-2195.	1.4	30
23	Efficiency of granulated blast furnace slag replacement of cement according to the equivalent binder concept. Cement and Concrete Composites, 2010, 32, 226-231.	4.6	28
24	Effect of quaternary cementitious systems containing limestone, blast furnace slag and natural pozzolan on mechanical behavior of limestone mortars. Construction and Building Materials, 2015, 95, 647-657.	3.2	26
25	Some Engineering Properties of Concrete Containing Natural Pozzolana and Silica Fume. Journal of Asian Architecture and Building Engineering, 2006, 5, 349-354.	1.2	22
26	Effects of experimental ternary cements on fresh and hardened properties of self-compacting concretes. Journal of Adhesion Science and Technology, 2016, 30, 247-261.	1.4	22
27	Measurement and modeling of fresh concrete viscous constant to predict pumping pressures. Canadian Journal of Civil Engineering, 2011, 38, 944-956.	0.7	19
28	Effect of Mineral Admixtures on Resistance to Sulfuric Acid Solution of Mortars with Quaternary Binders. Physics Procedia, 2014, 55, 329-335.	1.2	19
29	A new methodology for characterizing segregation of cement grouts during rheological tests. Construction and Building Materials, 2015, 96, 119-126.	3.2	18
30	Design of portable rheometer with new vane geometry to estimate concrete rheological parameters. Journal of Civil Engineering and Management, 2016, 23, 347-355.	1.9	16
31	Rheology of ordinary and low-impact environmental concretes. Journal of Adhesion Science and Technology, 2015, 29, 2160-2175.	1.4	15
32	Combined effects of mineral additions and curing conditions on strength and durability of self-compacting mortars exposed to aggressive solutions in the natural hot-dry climate in North African desert region. Construction and Building Materials, 2019, 197, 307-318.	3.2	15
33	Influence of saturated activated carbon on the rheological and mechanical properties of cementitious materials. Construction and Building Materials, 2019, 198, 411-422.	3.2	15
34	Experimental study on the reuse of cathode ray tubes funnel glass as fine aggregate for developing an ecological self-compacting mortar incorporating metakaolin. Journal of Building Engineering, 2020, 27, 100951.	1.6	15
35	Study of the Rheological Behavior of Mortar with Silica Fume and Superplasticizer Admixtures According to the Water Film Thickness. KSCE Journal of Civil Engineering, 2018, 22, 2480-2491.	0.9	13
36	Practical Tribometer to Estimate Pumpability of Fresh Concrete. Journal of Asian Architecture and Building Engineering, 2010, 9, 229-236.	1.2	10

#	ARTICLE	IF	CITATIONS
37	Relationships between concrete composition and boundary layer composition to optimise concrete pumpability. European Journal of Environmental and Civil Engineering, 2012, 16, 157-177.	1.0	10
38	Estimation of the Pumping Pressure from Concrete Composition Based on the Identified Tribological Parameters. Advances in Materials Science and Engineering, 2014, 2014, 1-18.	1.0	10
39	New model to estimate plastic viscosity of eco-friendly and conventional concrete. Construction and Building Materials, 2017, 135, 323-334.	3.2	10
40	A new proportioning approach of low and normal binder self-consolidating concrete based on the characteristics of fine mortar and granular skeleton. Construction and Building Materials, 2020, 239, 117892.	3.2	10
41	Energy consumption reduction in concrete mixing process by optimizing mixing time. Energy Procedia, 2017, 139, 810-816.	1.8	8
42	Influence of recycled sand and gravel on the rheological and mechanical characteristic of concrete. Journal of Adhesion Science and Technology, 2016, 30, 392-411.	1.4	7
43	Quantification and analysis of heat hydration of blended cement at different temperature. Journal of Adhesion Science and Technology, 2017, 31, 2741-2756.	1.4	7
44	Investigation of slag cement quality through the analysis of its efficiency coefficient. European Journal of Environmental and Civil Engineering, 2011, 15, 1393-1411.	1.0	6
45	Advanced online water content measurement for self-compacting concrete production in ready-mixed concrete plants. Construction and Building Materials, 2016, 112, 570-580.	3.2	5
46	Formulation and rheology of eco-self-compacting concrete (Eco-SCC). Journal of Adhesion Science and Technology, 2017, 31, 272-296.	1.4	5
47	Rheology and mechanical performance of self-consolidating hybrid-geopolymer concrete as a sustainable construction material. Construction and Building Materials, 2022, 314, 125633.	3.2	5
48	Experimental Test for Evaluation of SCC Static Segregation. Advanced Materials Research, 0, 875-877, 68-76.	0.3	1
49	Application of Empirical Models to Optimizing Concrete Pumpabiltity. Lecture Notes in Civil Engineering, 2018, , 338-345.	0.3	0