## Kadri el-hadj

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Rheology and mechanical performance of self-consolidating hybrid-geopolymer concrete as a sustainable construction material. Construction and Building Materials, 2022, 314, 125633.	7.2	5
2	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.	3.4	15
3	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.	7.2	32
4	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.	7.2	10
5	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.	7.2	44
6	Rheology of fly ash-based geopolymer: Effect of NaOH concentration. Construction and Building Materials, 2019, 223, 583-594.	7.2	115
7	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.	7.2	34
8	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.	7.2	15
9	Influence of saturated activated carbon on the rheological and mechanical properties of cementitious materials. Construction and Building Materials, 2019, 198, 411-422.	7.2	15
10	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.	1.9	13
11	Application of Empirical Models to Optimizing Concrete Pumpabiltity. Lecture Notes in Civil Engineering, 2018, , 338-345.	0.4	0
12	New model to estimate plastic viscosity of eco-friendly and conventional concrete. Construction and Building Materials, 2017, 135, 323-334.	7.2	10
13	Effect of cement and admixture on the utilization of recycled aggregates in concrete. Construction and Building Materials, 2017, 149, 91-102.	7.2	49
14	Quantification and analysis of heat hydration of blended cement at different temperature. Journal of Adhesion Science and Technology, 2017, 31, 2741-2756.	2.6	7
15	Dune sand and pumice impact on mechanical and thermal lightweight concrete properties. Construction and Building Materials, 2017, 133, 209-218.	7.2	50
16	Performance and durability of self compacting concrete using recycled concrete aggregates and natural pozzolan. Journal of Cleaner Production, 2017, 165, 415-430.	9.3	130
17	Formulation and rheology of eco-self-compacting concrete (Eco-SCC). Journal of Adhesion Science and Technology, 2017, 31, 272-296.	2.6	5
18	Energy consumption reduction in concrete mixing process by optimizing mixing time. Energy Procedia, 2017, 139, 810-816.	1.8	8

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19	Advanced online water content measurement for self-compacting concrete production in ready-mixed concrete plants. Construction and Building Materials, 2016, 112, 570-580.	7.2	5
20	Design of portable rheometer with new vane geometry to estimate concrete rheological parameters. Journal of Civil Engineering and Management, 2016, 23, 347-355.	3.5	16
21	Effects of experimental ternary cements on fresh and hardened properties of self-compacting concretes. Journal of Adhesion Science and Technology, 2016, 30, 247-261.	2.6	22
22	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.	7.2	93
23	Influence of recycled sand and gravel on the rheological and mechanical characteristic of concrete. Journal of Adhesion Science and Technology, 2016, 30, 392-411.	2.6	7
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.	7.2	26
25	Rheology of ordinary and low-impact environmental concretes. Journal of Adhesion Science and Technology, 2015, 29, 2160-2175.	2.6	15
26	A new methodology for characterizing segregation of cement grouts during rheological tests. Construction and Building Materials, 2015, 96, 119-126.	7.2	18
27	Assessing the effects of recycled asphalt pavement materials on the performance of roller compacted concrete. Construction and Building Materials, 2015, 101, 617-621.	7.2	92
28	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.	2.6	30
29	Evaluation of rheological parameters of mortar containing various amounts of mineral addition with polycarboxylate superplasticizer. Construction and Building Materials, 2014, 70, 549-559.	7.2	76
30	Estimation of the Pumping Pressure from Concrete Composition Based on the Identified Tribological Parameters. Advances in Materials Science and Engineering, 2014, 2014, 1-18.	1.8	10
31	Estimation of mortars compressive strength at different curing temperature by the maturity method. Construction and Building Materials, 2014, 71, 299-307.	7.2	33
32	Effect of Mineral Admixtures on Resistance to Sulfuric Acid Solution of Mortars with Quaternary Binders. Physics Procedia, 2014, 55, 329-335.	1.2	19
33	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.	7.2	33
34	Relationships between concrete composition and boundary layer composition to optimise concrete pumpability. European Journal of Environmental and Civil Engineering, 2012, 16, 157-177.	2.1	10
35	Properties of self-compacting mortar made with various types of sand. Cement and Concrete Composites, 2012, 34, 1167-1173.	10.7	109
36	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.	10.7	194

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37	Effect of polyester fibres on the compressive strength and abrasion resistance of HVFA concrete. Construction and Building Materials, 2012, 29, 270-278.	7.2	94
38	Investigation of slag cement quality through the analysis of its efficiency coefficient. European Journal of Environmental and Civil Engineering, 2011, 15, 1393-1411.	2.1	6
39	Measurement and modeling of fresh concrete viscous constant to predict pumping pressures. Canadian Journal of Civil Engineering, 2011, 38, 944-956.	1.3	19
40	Influence of metakaolin and silica fume on the heat of hydration and compressive strength development of mortar. Applied Clay Science, 2011, 53, 704-708.	5.2	118
41	Effect of metakaolin and foundry sand on the near surface characteristics of concrete. Construction and Building Materials, 2011, 25, 3257-3266.	7.2	45
42	Compressive strength and shrinkage of mortar containing various amounts of mineral additions. Construction and Building Materials, 2011, 25, 3603-3609.	7.2	83
43	Influence of calcined kaolin on mortar properties. Construction and Building Materials, 2011, 25, 2275-2282.	7.2	100
44	Strength, durability, and micro-structural properties of concrete made with used-foundry sand (UFS). Construction and Building Materials, 2011, 25, 1916-1925.	7.2	114
45	Practical Tribometer to Estimate Pumpability of Fresh Concrete. Journal of Asian Architecture and Building Engineering, 2010, 9, 229-236.	2.0	10
46	Efficiency of granulated blast furnace slag replacement of cement according to the equivalent binder concept. Cement and Concrete Composites, 2010, 32, 226-231.	10.7	28
47	Hydration heat kinetics of concrete with silica fume. Construction and Building Materials, 2009, 23, 3388-3392.	7.2	112
48	Some Engineering Properties of Concrete Containing Natural Pozzolana and Silica Fume. Journal of Asian Architecture and Building Engineering, 2006, 5, 349-354.	2.0	22
49	Experimental Test for Evaluation of SCC Static Segregation. Advanced Materials Research, 0, 875-877, 68-76.	0.3	1