

Said Kenai

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,126
citations

331670

21
h-index

243625

44
g-index

53
all docs

53
docs citations

53
times ranked

1736
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of fluidity retention, mechanical strength and cost production of blended cement self-compacting concrete using the concept of a performance index. <i>Frattura Ed Integrità Strutturale</i> , 2022, 16, 89-101.	0.9	1
2	Analysing concrete quality in some Algerian construction sites by data structuring. <i>Journal of Building Pathology and Rehabilitation</i> , 2022, 7, .	1.5	1
3	Thermo-mechanical and physical properties of waste granular cork composite with slag cement. <i>Construction and Building Materials</i> , 2021, 272, 121923.	7.2	15
4	Prediction of Compressive Strength of Self-Compacting Concrete (SCC) with Silica Fume Using Neural Networks Models. <i>Civil Engineering Journal (Iran)</i> , 2021, 7, 118-139.	3.9	14
5	Identification of Test Regions and Choice of Conversion Models. <i>RILEM State-of-the-Art Reports</i> , 2021, , 117-160.	0.7	0
6	A Review on Cementitious Materials Including Municipal Solid Waste Incineration Bottom Ash (MSWI-BA) as Aggregates. <i>Buildings</i> , 2021, 11, 179.	3.1	24
7	Properties of Self-Compacting Mortar Containing Slag with Different Finenesses. <i>Civil Engineering Journal (Iran)</i> , 2021, 7, 840-856.	3.9	4
8	Activation of slag through a combination of NaOH/NaS alkali for transforming it into geopolymer slag binder mortar – assessment the effects of two different Blaine fines and three different curing conditions. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1569-1584.	5.8	20
9	The effect of content and fineness of natural pozzolana on the rheological, mechanical, and durability properties of self-compacting mortar. <i>Journal of Building Engineering</i> , 2021, 44, 103276.	3.4	11
10	In-Situ Strength Assessment of Concrete: Detailed Guidelines. <i>RILEM State-of-the-Art Reports</i> , 2021, , 3-56.	0.7	3
11	Development and assessment of cement and concrete made of the burning of quinary by-product. <i>Journal of Materials Research and Technology</i> , 2021, 15, 3708-3721.	5.8	17
12	Synthesis, physico-mechanical properties, material processing, and math models of novel superior materials doped flake of carbon and colloid flake of carbon. <i>Journal of Materials Research and Technology</i> , 2021, 15, 4993-5009.	5.8	14
13	Strengthening of ordinary vibrated concrete using steel fibers self-compacting concrete. <i>Journal of Adhesion Science and Technology</i> , 2020, 34, 1556-1571.	2.6	8
14	Behavior of Self-compacting Mortars Based on Waste Brick Powder. <i>Current Materials Science</i> , 2020, 13, 39-44.	0.4	3
15	Experimental Study on Marble and Brick Powders as Partial Replacement of Cement in Self-compacting Mortar. <i>Current Materials Science</i> , 2020, 13, 45-57.	0.4	2
16	Effect of Wet Curing and Hot Climate on Strength and Durability of SCC with Natural Pozzolan. <i>Current Materials Science</i> , 2020, 13, 58-73.	0.4	2
17	Improvement of nondestructive assessment of on-site concrete strength: Influence of the selection process of cores location on the assessment quality for single and combined NDT techniques. <i>Construction and Building Materials</i> , 2019, 195, 613-622.	7.2	31
18	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. <i>Construction and Building Materials</i> , 2019, 197, 307-318.	7.2	15

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19	Formulation of low cost eco-repair mortar based on dune sand and Stipa tenacissima microfibers plant. Construction and Building Materials, 2018, 171, 950-959.	7.2	25
20	Performance of cement mortar with waste ground clay brick. MRS Advances, 2018, 3, 2041-2050.	0.9	4
21	Recycled aggregates. , 2018, , 79-120.		14
22	Analysis of the single and combined non-destructive test approaches for on-site concrete strength assessment: General statements based on a real case-study. Case Studies in Construction Materials, 2017, 6, 109-119.	1.7	44
23	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
24	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
25	Mechanical, hydration, and durability modifications provided to mortar made with crushed sand and blended cements. Journal of Adhesion Science and Technology, 2015, 29, 1987-2005.	2.6	10
26	Performance Evaluation of Human Hair Fiber Reinforcement on Lime or Cement Stabilized Clayey-Sand. Key Engineering Materials, 2015, 668, 207-217.	0.4	4
27	Microstructure and permeability of concrete with glass powder addition conserved in the sulphatic environment. European Journal of Environmental and Civil Engineering, 2015, 19, 219-237.	2.1	20
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	Durability of Earth Stabilized Material. Key Engineering Materials, 2014, 600, 495-503.	0.4	1
30	The Influence of the Fineness of Mineral Additions on Strength and Drying Shrinkage of Self-Compacting Mortars. Key Engineering Materials, 2014, 600, 367-374.	0.4	3
31	Sustainable construction and low-carbon dioxide concrete: Algeria case. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2014, 167, 45-52.	0.7	8
32	Fracture behaviour of concrete containing limestone fines. Proceedings of Institution of Civil Engineers: Construction Materials, 2014, 167, 162-170.	1.1	9
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	Properties of self-compacting mortar made with various types of sand. Cement and Concrete Composites, 2012, 34, 1167-1173.	10.7	109
35	Effect of the combination of lime and natural pozzolana on the compaction and strength of soft clayey soils: a preliminary study. Environmental Earth Sciences, 2012, 66, 2197-2205.	2.7	65
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

#	ARTICLE	IF	CITATIONS
37	Durability of mortar and concretes containing slag with low hydraulic activity. Cement and Concrete Composites, 2012, 34, 671-677.	10.7	60
38	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
39	Use of Natural Pozzolana and Lime for Stabilization of Cohesive Soils. Geotechnical and Geological Engineering, 2011, 29, 759-769.	1.7	87
40	Microstructure and durability of mortars modified with medium active blast furnace slag. Construction and Building Materials, 2011, 25, 1018-1025.	7.2	76
41	Influence of calcined kaolin on mortar properties. Construction and Building Materials, 2011, 25, 2275-2282.	7.2	100
42	APPLICATION OF NEW INFORMATION TECHNOLOGY ON CONCRETE: AN OVERVIEW / NAUJĀ ² INFORMACINIĀ ² TECHNOLOGIJĀ ² NAUDOJIMAS RUOĀĪANT BETONĀ,, APĀĪ ² VALGA. Journal of Civil Engineering and Management, 2011, 17, 248-258.	3.5	26
43	Mechanical and durability properties of concrete using contaminated recycled aggregates. Cement and Concrete Composites, 2010, 32, 421-426.	10.7	160
44	Roller compacted concrete with contaminated recycled aggregates. Construction and Building Materials, 2009, 23, 3382-3387.	7.2	63
45	Integrating numerical tools in underground construction process. Engineering, Construction and Architectural Management, 2009, 16, 376-391.	3.1	6
46	The use of coarse and fine crushed bricks as aggregate in concrete. Construction and Building Materials, 2008, 22, 886-893.	7.2	416
47	Some Engineering Properties of Limestone Concrete. Materials and Manufacturing Processes, 2004, 19, 949-961.	4.7	50
48	Some Engineering Properties of Limestone Concrete. Materials and Manufacturing Processes, 2004, 19, 949-961.	4.7	1
49	Effect of Recycled Concrete Aggregates and Natural Pozzolana on Rheology of Self-Compacting Concrete. Key Engineering Materials, 0, 600, 256-263.	0.4	9
50	Stabilization of Algerian Clayey Soils with Natural Pozzolana and Lime. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	16
51	Comparison of some Fresh and Hardened Properties of Self-Consolidating Concrete Composites Containing Rubber and Steel Fibers Recovered from Waste Tires. Nano Hybrids and Composites, 0, 24, 8-13.	0.8	12
52	Innovation potentials for construction materials with specific focus on the challenges in Africa. RILEM Technical Letters, 0, 5, 63-74.	0.0	16