

# 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	The use of coarse and fine crushed bricks as aggregate in concrete. <i>Construction and Building Materials</i> , 2008, 22, 886-893.	7.2	416
2	Effects of granulated blast furnace slag and superplasticizer type on the fresh properties and compressive strength of self-compacting concrete. <i>Cement and Concrete Composites</i> , 2012, 34, 583-590.	10.7	194
3	Mechanical and durability properties of concrete using contaminated recycled aggregates. <i>Cement and Concrete Composites</i> , 2010, 32, 421-426.	10.7	160
4	Performance and durability of self compacting concrete using recycled concrete aggregates and natural pozzolan. <i>Journal of Cleaner Production</i> , 2017, 165, 415-430.	9.3	130
5	Influence of metakaolin and silica fume on the heat of hydration and compressive strength development of mortar. <i>Applied Clay Science</i> , 2011, 53, 704-708.	5.2	118
6	Properties of self-compacting mortar made with various types of sand. <i>Cement and Concrete Composites</i> , 2012, 34, 1167-1173.	10.7	109
7	Influence of calcined kaolin on mortar properties. <i>Construction and Building Materials</i> , 2011, 25, 2275-2282.	7.2	100
8	Use of Natural Pozzolana and Lime for Stabilization of Cohesive Soils. <i>Geotechnical and Geological Engineering</i> , 2011, 29, 759-769.	1.7	87
9	Microstructure and durability of mortars modified with medium active blast furnace slag. <i>Construction and Building Materials</i> , 2011, 25, 1018-1025.	7.2	76
10	Effect of the combination of lime and natural pozzolana on the compaction and strength of soft clayey soils: a preliminary study. <i>Environmental Earth Sciences</i> , 2012, 66, 2197-2205.	2.7	65
11	Roller compacted concrete with contaminated recycled aggregates. <i>Construction and Building Materials</i> , 2009, 23, 3382-3387.	7.2	63
12	Durability of mortar and concretes containing slag with low hydraulic activity. <i>Cement and Concrete Composites</i> , 2012, 34, 671-677.	10.7	60
13	Some Engineering Properties of Limestone Concrete. <i>Materials and Manufacturing Processes</i> , 2004, 19, 949-961.	4.7	50
14	Analysis of the single and combined non-destructive test approaches for on-site concrete strength assessment: General statements based on a real case-study. <i>Case Studies in Construction Materials</i> , 2017, 6, 109-119.	1.7	44
15	Paste and mortar studies on the influence of mix design parameters on autogenous shrinkage of self-compacting concrete. <i>Construction and Building Materials</i> , 2013, 47, 969-976.	7.2	33
16	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
17	Effect of fine aggregate replacement with desert dune sand on fresh properties and strength of self-compacting mortars. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 2182-2195.	2.6	30
18	APPLICATION OF NEW INFORMATION TECHNOLOGY ON CONCRETE: AN OVERVIEW / NAUJÅ <sup>2</sup> INFORMACINIÅ <sup>2</sup> TECHNOLOGIJÅ <sup>2</sup> NAUDOJIMAS RUOÅIANT BETONÅ,, APÅ <sup>1</sup> / <sub>2</sub> VALGA. <i>Journal of Civil Engineering and Management</i> , 2011, 17, 248-258.	3.5	26

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19	Formulation of low cost eco-repair mortar based on dune sand and Stipa tenacissima microfibers plant. <i>Construction and Building Materials</i> , 2018, 171, 950-959.	7.2	25
20	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
21	Effects of experimental ternary cements on fresh and hardened properties of self-compacting concretes. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 247-261.	2.6	22
22	Microstructure and permeability of concrete with glass powder addition conserved in the sulphatic environment. <i>European Journal of Environmental and Civil Engineering</i> , 2015, 19, 219-237.	2.1	20
23	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
24	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
25	Stabilization of Algerian Clayey Soils with Natural Pozzolana and Lime. <i>Periodica Polytechnica: Civil Engineering</i> , 0, , .	0.6	16
26	Innovation potentials for construction materials with specific focus on the challenges in Africa. <i>RILEM Technical Letters</i> , 0, 5, 63-74.	0.0	16
27	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
28	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
29	Recycled aggregates. , 2018, , 79-120.		14
30	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
31	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
32	Comparison of some Fresh and Hardened Properties of Self-Consolidating Concrete Composites Containing Rubber and Steel Fibers Recovered from Waste Tires. <i>Nano Hybrids and Composites</i> , 0, 24, 8-13.	0.8	12
33	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
34	Mechanical, hydration, and durability modifications provided to mortar made with crushed sand and blended cements. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 1987-2005.	2.6	10
35	Effect of Recycled Concrete Aggregates and Natural Pozzolana on Rheology of Self-Compacting Concrete. <i>Key Engineering Materials</i> , 0, 600, 256-263.	0.4	9
36	Fracture behaviour of concrete containing limestone fines. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2014, 167, 162-170.	1.1	9

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37	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
38	Strengthening of ordinary vibrated concrete using steel fibers self-compacting concrete. Journal of Adhesion Science and Technology, 2020, 34, 1556-1571.	2.6	8
39	Integrating numerical tools in underground construction process. Engineering, Construction and Architectural Management, 2009, 16, 376-391.	3.1	6
40	Performance Evaluation of Human Hair Fiber Reinforcement on Lime or Cement Stabilized Clayey-Sand. Key Engineering Materials, 2015, 668, 207-217.	0.4	4
41	Performance of cement mortar with waste ground clay brick. MRS Advances, 2018, 3, 2041-2050.	0.9	4
42	Properties of Self-Compacting Mortar Containing Slag with Different Finenesses. Civil Engineering Journal (Iran), 2021, 7, 840-856.	3.9	4
43	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
44	Behavior of Self-compacting Mortars Based on Waste Brick Powder. Current Materials Science, 2020, 13, 39-44.	0.4	3
45	In-Situ Strength Assessment of Concrete: Detailed Guidelines. RILEM State-of-the-Art Reports, 2021, , 3-56.	0.7	3
46	Experimental Study on Marble and Brick Powders as Partial Replacement of Cement in Self-compacting Mortar. Current Materials Science, 2020, 13, 45-57.	0.4	2
47	Effect of Wet Curing and Hot Climate on Strength and Durability of SCC with Natural Pozzolan. Current Materials Science, 2020, 13, 58-73.	0.4	2
48	Durability of Earth Stabilized Material. Key Engineering Materials, 2014, 600, 495-503.	0.4	1
49	Some Engineering Properties of Limestone Concrete. Materials and Manufacturing Processes, 2004, 19, 949-961.	4.7	1
50	Assessment of fluidity retention, mechanical strength and cost production of blended cement self-compacting concrete using the concept of a performance index. Frattura Ed Integrita Strutturale, 2022, 16, 89-101.	0.9	1
51	Analysing concrete quality in some Algerian construction sites by data structuring. Journal of Building Pathology and Rehabilitation, 2022, 7, .	1.5	1
52	Identification of Test Regions and Choice of Conversion Models. RILEM State-of-the-Art Reports, 2021, , 117-160.	0.7	0