

Markssuel Teixeira Marvila

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,445
citations

136740

32
h-index

205818

48
g-index

80
all docs

80
docs citations

80
times ranked

1139
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of incorporation of glass waste on the rheological properties of adhesive mortar. <i>Construction and Building Materials</i> , 2017, 148, 359-368.	3.2	96
2	Technological performance of a natural fibre reinforced cement-based mortars. <i>Journal of Building Engineering</i> , 2021, 33, 101675.	1.6	92
3	Performance of geopolymer tiles in high temperature and saturation conditions. <i>Construction and Building Materials</i> , 2021, 286, 122994.	3.2	88
4	Technological and environmental comparative of the processing of primary sludge waste from paper industry for mortar. <i>Journal of Cleaner Production</i> , 2020, 249, 119336.	4.6	86
5	Materials for Production of High and Ultra-High Performance Concrete: Review and Perspective of Possible Novel Materials. <i>Materials</i> , 2021, 14, 4304.	1.3	86
6	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. <i>Polymers</i> , 2021, 13, 2493.	2.0	86
7	Rheological and the Fresh State Properties of Alkali-Activated Mortars by Blast Furnace Slag. <i>Materials</i> , 2021, 14, 2069.	1.3	83
8	Use of glass polishing waste in the development of ecological ceramic roof tiles by the geopolymerization process. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2649-2658.	1.1	82
9	Effect of Granite Residue Incorporation on the Behavior of Mortars. <i>Materials</i> , 2019, 12, 1449.	1.3	80
10	Characterizing the paper industry sludge for environmentally-safe disposal. <i>Waste Management</i> , 2019, 95, 43-52.	3.7	77
11	Application of Plastic Wastes in Construction Materials: A Review Using the Concept of Life-Cycle Assessment in the Context of Recent Research for Future Perspectives. <i>Materials</i> , 2021, 14, 3549.	1.3	76
12	Analysis of the compactness and properties of the hardened state of mortars with recycling of construction and demolition waste (CDW). <i>Journal of Materials Research and Technology</i> , 2020, 9, 5942-5952.	2.6	73
13	Evaluation of the use of marble waste in hydrated lime cement mortar based. <i>Journal of Material Cycles and Waste Management</i> , 2019, 21, 1250-1261.	1.6	67
14	Eco-friendly mortars with addition of ornamental stone waste - A mathematical model approach for granulometric optimization. <i>Journal of Cleaner Production</i> , 2020, 248, 119283.	4.6	67
15	Application of eco-friendly alternative activators in alkali-activated materials: A review. <i>Journal of Building Engineering</i> , 2021, 35, 102010.	1.6	66
16	Development of mortar for laying and coating with pineapple fibers. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2020, 24, 187-193.	0.4	66
17	Investigation of the Potential Use of Curau Fiber for Reinforcing Mortars. <i>Fibers</i> , 2020, 8, 69.	1.8	65
18	Circular economy and durability in geopolymers ceramics pieces obtained from glass polishing waste. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1891-1900.	1.1	61

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19	Gypsum plaster using rock waste: A proposal to repair the renderings of historical buildings in Brazil. <i>Construction and Building Materials</i> , 2020, 250, 118786.	3.2	59
20	Clay Ceramic Waste as Pozzolan Constituent in Cement for Structural Concrete. <i>Materials</i> , 2021, 14, 2917.	1.3	58
21	Study on the replacement of the hydrated lime by kaolinitic clay in mortars. <i>Advances in Applied Ceramics</i> , 2019, 118, 373-380.	0.6	57
22	Reaction mechanisms of alkali-activated materials. <i>Revista IBRACON De Estruturas E Materiais</i> , 2021, 14, .	0.3	54
23	Technological Perspective for Use the Natural Pineapple Fiber in Mortar to Repair Structures. <i>Waste and Biomass Valorization</i> , 2021, 12, 5131-5145.	1.8	52
24	Rheology, Hydration, and Microstructure of Portland Cement Pastes Produced with Ground AÃ§aÃ-fibers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3036.	1.3	50
25	Influence of sintering temperature of a ceramic substrate in mortar adhesion for civil construction. <i>Journal of Building Engineering</i> , 2018, 19, 342-348.	1.6	48
26	Circular economy in cementitious ceramics: Replacement of hydrated lime with a stoichiometric balanced combination of clay and marble waste. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 192-202.	1.1	48
27	Assessing the potential of sludge generated by the pulp and paper industry in assembling locking blocks. <i>Journal of Building Engineering</i> , 2019, 23, 334-340.	1.6	44
28	Durability of Soil-Cement Blocks with the Incorporation of Limestone Residues from the Processing of Marble. <i>Materials Research</i> , 2018, 21, .	0.6	41
29	Evaluation of roughcast on the adhesion mechanisms of mortars on ceramic substrates. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019, 52, 1.	1.3	39
30	Correlation between the properties of structural clay blocks obtained by destructive tests and Ultrasonic Pulse Tests. <i>Journal of Building Engineering</i> , 2019, 26, 100869.	1.6	35
31	Durability of coating mortars containing aÃ§aÃ-fibers. <i>Case Studies in Construction Materials</i> , 2020, 13, e00406.	0.8	35
32	The Influence of COVID-19-Induced Daily Activities on Health Parametersâ€”A Case Study in Malaysia. <i>Sustainability</i> , 2021, 13, 7465.	1.6	34
33	Mechanical, physical and durability properties of activated alkali cement based on blast furnace slag as a function of %Na ₂ O. <i>Case Studies in Construction Materials</i> , 2021, 15, e00723.	0.8	32
34	Use of natural vegetable fibers in cementitious composites: concepts and applications. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	1.1	31
35	Effect of the addition and processing of glass polishing waste on the durability of geopolymeric mortars. <i>Case Studies in Construction Materials</i> , 2021, 15, e00662.	0.8	31
36	Verification of the application potential of the mathematical models of lyse, abrams and molinari in mortars based on cement and lime. <i>Journal of Materials Research and Technology</i> , 2020, 9, 7327-7334.	2.6	29

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37	Recycling potential of powdered cigarette waste in the development of ceramic materials. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 1672-1681.	1.6	29
38	Potential of Using Amazon Natural Fibers to Reinforce Cementitious Composites: A Review. <i>Polymers</i> , 2022, 14, 647.	2.0	26
39	A Review of the Use of Natural Fibers in Cement Composites: Concepts, Applications and Brazilian History. <i>Polymers</i> , 2022, 14, 2043.	2.0	25
40	Durability of geopolymers with industrial waste. <i>Case Studies in Construction Materials</i> , 2022, 16, e00839.	0.8	20
41	Evaluation of the application of macrophyte biomass <i>Salvinia auriculata</i> Aublet in red ceramics. <i>Journal of Environmental Management</i> , 2020, 275, 111253.	3.8	18
42	Economic potential comparative of reusing different industrial solid wastes in cementitious composites: a case study in Brazil. <i>Environment, Development and Sustainability</i> , 2022, 24, 5938-5961.	2.7	15
43	Validation of alternative methodologies by using capillarity in the determination of porosity parameters of cement-lime mortars. <i>Materials and Structures/Materiaux Et Constructions</i> , 2022, 55, 1.	1.3	13
44	Technological Characterization of PET-Added Soil-Cement Bricks. <i>Materials</i> , 2021, 14, 5035.	1.3	12
45	Recycled PET Sand for Cementitious Mortar. <i>Materials</i> , 2022, 15, 273.	1.3	12
46	Life cycle approach applied to the production of ceramic materials incorporated with ornamental stone wastes. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9957-9970.	2.7	10
47	Influence of high temperatures on physical properties and microstructure of gneiss. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 7069-7081.	1.6	9
48	Experimental and analytical investigation on the confinement behavior of low strength concrete under axial compression. <i>Structures</i> , 2022, 36, 303-313.	1.7	9
49	Effect of the addition of the natural and treated sandstone in structural mortars. <i>AIMS Materials Science</i> , 2021, 8, 608-621.	0.7	8
50	Study of the Compressive Strength of Mortars as a Function of Material Composition, Workability, and Specimen Geometry. <i>Modelling and Simulation in Engineering</i> , 2020, 2020, 1-6.	0.4	7
51	Economy analysis of the implementation of extruded tiles fabrication in a ceramic industry containing ornamental rock waste. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1876-1890.	1.1	7
52	Perspective of the application of ash from the ceramic industry in the development of alkali-activated roof tiles. <i>Ceramics International</i> , 2022, 48, 6250-6257.	2.3	7
53	Recycling of waste glass extracted from a WTP into ceramic materials. <i>Journal of Material Cycles and Waste Management</i> , 2022, 24, 763-774.	1.6	7
54	Study on the implementation of reverse logistics in medicines from health centers in Brazil. , 2022, 2, 100015.		6

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55	Influence of processing parameters variation on the development of geopolymeric ceramic blocks with calcined kaolinite clay. Case Studies in Construction Materials, 2022, 16, e00897.	0.8	5
56	Reuse of wastes from the production of electrofused alumina in red ceramics. Environment, Development and Sustainability, 2023, 25, 669-685.	2.7	4
57	Mortars with Pineapple Fibers for Use in Structural Reinforcement. Minerals, Metals and Materials Series, 2019, , 721-728.	0.3	3
58	Analysis of deformability modulus by linear and nonlinear elastic methods in ceramic structural masonry and mortars. Ceramica, 2020, 66, 229-235.	0.3	3
59	Study of the Incorporation of Waste from the Paper Industry in Ceramic Tiles. Minerals, Metals and Materials Series, 2019, , 257-264.	0.3	2
60	Effect of the Incorporation of Marble Waste in the Properties of Clay Ceramic Bricks. Materials Science Forum, 2020, 1012, 250-255.	0.3	2
61	Proposal of Dosing of Mortars Using Simplex Network. Minerals, Metals and Materials Series, 2019, , 747-756.	0.3	1
62	Evaluation of the Incorporation of Marble and Granite Residue in Coating Mortars. Minerals, Metals and Materials Series, 2020, , 101-108.	0.3	1
63	Characterization of Clay Mix with Incorporation of Granite Waste for the Production of Ceramic Tiles. Minerals, Metals and Materials Series, 2020, , 469-475.	0.3	1
64	Capillary Absorption Evaluation of Different Mortars Applied in Civil Construction. Minerals, Metals and Materials Series, 2020, , 555-561.	0.3	1
65	A Study of the Load Stages by the Displacement of Mortars Composed of Ornamental Stone Residues by the Method of Squeeze Flow. Minerals, Metals and Materials Series, 2019, , 435-440.	0.3	0
66	Evaluation of Technological Properties of Soil-Cement Blocks Using Experimental Design of Mixtures. Minerals, Metals and Materials Series, 2019, , 647-655.	0.3	0
67	Influence of Construction and Demolition Waste Incorporation in Concrete. Minerals, Metals and Materials Series, 2020, , 109-117.	0.3	0
68	Technical, Environmental, and Economic Advantages in the Use of Asphalt Rubber. Minerals, Metals and Materials Series, 2021, , 577-586.	0.3	0
69	Adhesion Study at Advanced Ages in Multipurpose Mortars. Minerals, Metals and Materials Series, 2018, , 429-435.	0.3	0
70	Study of Durability of Mortars with Effluent Sludge from Paper Industry Exposed to Salt Spray. Minerals, Metals and Materials Series, 2018, , 669-676.	0.3	0
71	EFEITO DA ADIÇÃO DE RESÍDUO DE GRANITO NA REOLOGIA DA ARGAMASSA. , 0, ,		0
72	Influence of Sealing Mortar in the Strength of Compression of the Structural Masonry Ceramic. Minerals, Metals and Materials Series, 2020, , 591-598.	0.3	0

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73	Analysis of the Effect of Marine Salinity in Durability of Red Ceramics Calcinated in Different Temperature. Minerals, Metals and Materials Series, 2020, , 419-427.	0.3	0
74	Use of agro-industrial waste as a filler for structural reinforcement mortars. , 2022, , 67-78.		0