

Markssuel Teixeira Marvila

List of Publications by Year in descending order

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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	Reuse of wastes from the production of electrofused alumina in red ceramics. Environment, Development and Sustainability, 2023, 25, 669-685.	2.7	4
2	Economic potential comparative of reusing different industrial solid wastes in cementitious composites: a case study in Brazil. Environment, Development and Sustainability, 2022, 24, 5938-5961.	2.7	15
3	Life cycle approach applied to the production of ceramic materials incorporated with ornamental stone wastes. Environmental Science and Pollution Research, 2022, 29, 9957-9970.	2.7	10
4	Perspective of the application of ash from the ceramic industry in the development of alkali-activated roof tiles. Ceramics International, 2022, 48, 6250-6257.	2.3	7
5	Durability of geopolymers with industrial waste. Case Studies in Construction Materials, 2022, 16, e00839.	0.8	20
6	Experimental and analytical investigation on the confinement behavior of low strength concrete under axial compression. Structures, 2022, 36, 303-313.	1.7	9
7	Validation of alternative methodologies by using capillarity in the determination of porosity parameters of cement-lime mortars. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	13
8	Use of agro-industrial waste as a filler for structural reinforcement mortars. , 2022, , 67-78.		0
9	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
10	Recycling of waste glass extracted from a WTP into ceramic materials. Journal of Material Cycles and Waste Management, 2022, 24, 763-774.	1.6	7
11	Potential of Using Amazon Natural Fibers to Reinforce Cementitious Composites: A Review. Polymers, 2022, 14, 647.	2.0	26
12	Recycled PET Sand for Cementitious Mortar. Materials, 2022, 15, 273.	1.3	12
13	A Review of the Use of Natural Fibers in Cement Composites: Concepts, Applications and Brazilian History. Polymers, 2022, 14, 2043.	2.0	25
14	Study on the implementation of reverse logistics in medicines from health centers in Brazil. , 2022, 2, 100015.		6
15	Technological performance of a natural fibre reinforced cement-based mortars. Journal of Building Engineering, 2021, 33, 101675.	1.6	92
16	Circular economy in cementitious ceramics: Replacement of hydrated lime with a stoichiometric balanced combination of clay and marble waste. International Journal of Applied Ceramic Technology, 2021, 18, 192-202.	1.1	48
17	Application of eco-friendly alternative activators in alkali-activated materials: A review. Journal of Building Engineering, 2021, 35, 102010.	1.6	66
18	Effect of the addition of the natural and treated stone in structural mortars. AIMS Materials Science, 2021, 8, 608-621.	0.7	8

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19	Reaction mechanisms of alkali-activated materials. Revista IBRACON De Estruturas E Materiais, 2021, 14, .	0.3	54
20	Technological Perspective for Use the Natural Pineapple Fiber in Mortar to Repair Structures. Waste and Biomass Valorization, 2021, 12, 5131-5145.	1.8	52
21	Rheology, Hydration, and Microstructure of Portland Cement Pastes Produced with Ground AÃ§aÃ­ Fibers. Applied Sciences (Switzerland), 2021, 11, 3036.	1.3	50
22	Economy analysis of the implementation of extruded tiles fabrication in a ceramic industry containing ornamental rock waste. International Journal of Applied Ceramic Technology, 2021, 18, 1876-1890.	1.1	7
23	Rheological and the Fresh State Properties of Alkali-Activated Mortars by Blast Furnace Slag. Materials, 2021, 14, 2069.	1.3	83
24	Clay Ceramic Waste as Pozzolan Constituent in Cement for Structural Concrete. Materials, 2021, 14, 2917.	1.3	58
25	Circular economy and durability in geopolymers ceramics pieces obtained from glass polishing waste. International Journal of Applied Ceramic Technology, 2021, 18, 1891-1900.	1.1	61
26	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. Materials, 2021, 14, 3549.	1.3	76
27	Performance of geopolymer tiles in high temperature and saturation conditions. Construction and Building Materials, 2021, 286, 122994.	3.2	88
28	Influence of high temperatures on physical properties and microstructure of gneiss. Bulletin of Engineering Geology and the Environment, 2021, 80, 7069-7081.	1.6	9
29	The Influence of COVID-19-Induced Daily Activities on Health Parametersâ€”A Case Study in Malaysia. Sustainability, 2021, 13, 7465.	1.6	34
30	Materials for Production of High and Ultra-High Performance Concrete: Review and Perspective of Possible Novel Materials. Materials, 2021, 14, 4304.	1.3	86
31	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. Polymers, 2021, 13, 2493.	2.0	86
32	Use of natural vegetable fibers in cementitious composites: concepts and applications. Innovative Infrastructure Solutions, 2021, 6, 1.	1.1	31
33	Technological Characterization of PETâ€”Polyethylene Terephthalateâ€”Added Soil-Cement Bricks. Materials, 2021, 14, 5035.	1.3	12
34	Effect of the addition and processing of glass polishing waste on the durability of geopolymeric mortars. Case Studies in Construction Materials, 2021, 15, e00662.	0.8	31
35	Technical, Environmental, and Economic Advantages in the Use of Asphalt Rubber. Minerals, Metals and Materials Series, 2021, , 577-586.	0.3	0
36	Mechanical, physical and durability properties of activated alkali cement based on blast furnace slag as a function of %Na ₂ O. Case Studies in Construction Materials, 2021, 15, e00723.	0.8	32

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37	Influence of Construction and Demolition Waste Incorporation in Concrete. Minerals, Metals and Materials Series, 2020, , 109-117.	0.3	0
38	Eco-friendly mortars with addition of ornamental stone waste - A mathematical model approach for granulometric optimization. Journal of Cleaner Production, 2020, 248, 119283.	4.6	67
39	Technological and environmental comparative of the processing of primary sludge waste from paper industry for mortar. Journal of Cleaner Production, 2020, 249, 119336.	4.6	86
40	Durability of coating mortars containing aÃ§aÃ§-fibers. Case Studies in Construction Materials, 2020, 13, e00406.	0.8	35
41	Evaluation of the application of macrophyte biomass Salvinia auriculata Aublet in red ceramics. Journal of Environmental Management, 2020, 275, 111253.	3.8	18
42	Investigation of the Potential Use of CurauÃ§ Fiber for Reinforcing Mortars. Fibers, 2020, 8, 69.	1.8	65
43	Verification of the application potential of the mathematical models of lyse, abrams and molinari in mortars based on cement and lime. Journal of Materials Research and Technology, 2020, 9, 7327-7334.	2.6	29
44	Effect of the Incorporation of Marble Waste in the Properties of Clay Ceramic Bricks. Materials Science Forum, 2020, 1012, 250-255.	0.3	2
45	Analysis of the compactness and properties of the hardened state of mortars with recycling of construction and demolition waste (CDW). Journal of Materials Research and Technology, 2020, 9, 5942-5952.	2.6	73
46	Study of the Compressive Strength of Mortars as a Function of Material Composition, Workability, and Specimen Geometry. Modelling and Simulation in Engineering, 2020, 2020, 1-6.	0.4	7
47	Recycling potential of powdered cigarette waste in the development of ceramic materials. Journal of Material Cycles and Waste Management, 2020, 22, 1672-1681.	1.6	29
48	Use of glass polishing waste in the development of ecological ceramic roof tiles by the geopolymerization process. International Journal of Applied Ceramic Technology, 2020, 17, 2649-2658.	1.1	82
49	Gypsum plaster using rock waste: A proposal to repair the renderings of historical buildings in Brazil. Construction and Building Materials, 2020, 250, 118786.	3.2	59
50	Evaluation of the Incorporation of Marble and Granite Residue in Coating Mortars. Minerals, Metals and Materials Series, 2020, , 101-108.	0.3	1
51	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
52	Analysis of deformability modulus by linear and nonlinear elastic methods in ceramic structural masonry and mortars. Ceramica, 2020, 66, 229-235.	0.3	3
53	Development of mortar for laying and coating with pineapple fibers. Revista Brasileira De Engenharia Agricola E Ambiental, 2020, 24, 187-193.	0.4	66
54	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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55	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
56	Capillary Absorption Evaluation of Different Mortars Applied in Civil Construction. Minerals, Metals and Materials Series, 2020, , 555-561.	0.3	1
57	Correlation between the properties of structural clay blocks obtained by destructive tests and Ultrasonic Pulse Tests. Journal of Building Engineering, 2019, 26, 100869.	1.6	35
58	Study on the replacement of the hydrated lime by kaolinitic clay in mortars. Advances in Applied Ceramics, 2019, 118, 373-380.	0.6	57
59	Characterizing the paper industry sludge for environmentally-safe disposal. Waste Management, 2019, 95, 43-52.	3.7	77
60	Evaluation of the use of marble waste in hydrated lime cement mortar based. Journal of Material Cycles and Waste Management, 2019, 21, 1250-1261.	1.6	67
61	Effect of Granite Residue Incorporation on the Behavior of Mortars. Materials, 2019, 12, 1449.	1.3	80
62	Evaluation of roughcast on the adhesion mechanisms of mortars on ceramic substrates. Materials and Structures/Materiaux Et Constructions, 2019, 52, 1.	1.3	39
63	Assessing the potential of sludge generated by the pulp and paper industry in assembling locking blocks. Journal of Building Engineering, 2019, 23, 334-340.	1.6	44
64	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
65	Evaluation of Technological Properties of Soil-Cement Blocks Using Experimental Design of Mixtures. Minerals, Metals and Materials Series, 2019, , 647-655.	0.3	0
66	Mortars with Pineapple Fibers for Use in Structural Reinforcement. Minerals, Metals and Materials Series, 2019, , 721-728.	0.3	3
67	Proposal of Dosing of Mortars Using Simplex Network. Minerals, Metals and Materials Series, 2019, , 747-756.	0.3	1
68	Study of the Incorporation of Waste from the Paper Industry in Ceramic Tiles. Minerals, Metals and Materials Series, 2019, , 257-264.	0.3	2
69	Durability of Soil-Cement Blocks with the Incorporation of Limestone Residues from the Processing of Marble. Materials Research, 2018, 21, .	0.6	41
70	Influence of sintering temperature of a ceramic substrate in mortar adhesion for civil construction. Journal of Building Engineering, 2018, 19, 342-348.	1.6	48
71	Adhesion Study at Advanced Ages in Multipurpose Mortars. Minerals, Metals and Materials Series, 2018, , 429-435.	0.3	0
72	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

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73	Influence of incorporation of glass waste on the rheological properties of adhesive mortar. Construction and Building Materials, 2017, 148, 359-368.	3.2	96
74	EFEITO DA ADIÇÃO DE RESÍDUO DE GRANITO NA REOLOGIA DA ARGAMASSA. , 0, , .		0