

Afonso Rangel Garcez de Azevedo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

174
papers

1,826
citations

28
h-index

39
g-index

186
ext. papers

2,728
ext. citations

2.3
avg, IF

6.07
L-index

#	Paper	IF	Citations
174	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	3.4	3
173	Heating rate effect during sintering on the technological properties of Brazilian red ceramics. <i>International Journal of Advanced Manufacturing Technology</i> , 2022 , 119, 8125	3.2	1
172	Influence of processing parameters variation on the development of geopolymeric ceramic blocks with calcined kaolinite clay. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00897	2.7	2
171	Evaluation of the Rheology of Mortars with Incorporation of Ornamental Stone Waste. <i>Minerals, Metals and Materials Series</i> , 2022 , 349-357	0.3	
170	Characterization of Mortar in Fresh State with the Addition of ABi Fiber. <i>Minerals, Metals and Materials Series</i> , 2022 , 247-255	0.3	
169	Use of Glass Waste as a Geopolymerization Reaction Activator for Ceramic Materials. <i>Minerals, Metals and Materials Series</i> , 2022 , 473-480	0.3	0
168	Development of Metakaolin-Based Geopolymer Mortar and the Flue Gas Desulfurization (FGD) Waste. <i>Minerals, Metals and Materials Series</i> , 2022 , 323-331	0.3	
167	Study of the Determination of Hardbody Impact Resistance of Screened and Non-screened Ornamental Rocks of Different Thicknesses. <i>Minerals, Metals and Materials Series</i> , 2022 , 421-430	0.3	
166	Application of Flue Gas Desulfurization Waste for the Production of Geopolymer Tiles. <i>Minerals, Metals and Materials Series</i> , 2022 , 39-46	0.3	
165	Comparative Study of the Flexural Strength of Rock Materials for Applications in Civil Construction. <i>Minerals, Metals and Materials Series</i> , 2022 , 287-293	0.3	
164	Characterization of Blast Furnace Slag for Preparing Activated Alkali Cements. <i>Minerals, Metals and Materials Series</i> , 2022 , 239-246	0.3	
163	Determination of Strength to the Hard Body Impact of Raw, Resinate, and Screened Ornamental Rocks. <i>Minerals, Metals and Materials Series</i> , 2022 , 315-322	0.3	
162	Characterization and Stain Analysis in Natural and Artificial Rocks. <i>Minerals, Metals and Materials Series</i> , 2022 , 229-237	0.3	
161	Comparative Study of Staining Resistance for Polished and Resined Silicatic Ornamental Rocks. <i>Minerals, Metals and Materials Series</i> , 2022 , 277-286	0.3	
160	Potential of Using Amazon Natural Fibers to Reinforce Cementitious Composites: A Review.. <i>Polymers</i> , 2022 , 14,	4.5	5
159	Low cost geopolymer modular toilet unit for ODF India TA case study. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00937	2.7	0
158	Four-component high-strength polymineral binders. <i>Construction and Building Materials</i> , 2022 , 316, 125934	3.4	3

157	Production of geopolymers concrete by utilizing volcanic pumice dust. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00802	2.7	9
156	Fatigue behavior of steel fiber reinforced geopolymer concrete. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00829	2.7	
155	Development of novel geopolymeric foam composites coated with polylactic acid to remove heavy metals from contaminated water. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00795	2.7	0
154	Durability of geopolymers with industrial waste. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00839	2.7	3
153	Experimental and analytical investigation on the confinement behavior of low strength concrete under axial compression. <i>Structures</i> , 2022 , 36, 303-313	3.4	2
152	Long-term effect of recycled aggregate on microstructure, mechanical properties, and CO2 sequestration of rendering mortars. <i>Construction and Building Materials</i> , 2022 , 321, 126357	6.7	2
151	Possibilities for the application of agro-industrial wastes in cementitious materials: A brief review of the Brazilian perspective. <i>Cleaner Materials</i> , 2022 , 3, 100040		12
150	Environmental Impact and Sustainability of Calcium Aluminate Cements. <i>Sustainability</i> , 2022 , 14, 2751	3.6	0
149	Enhancing the Impact Strength of Prepacked Aggregate Fibrous Concrete Using Asphalt-Coated Aggregates.. <i>Materials</i> , 2022 , 15,	3.5	3
148	Production of Belite Based Clinker from Ornamental Stone Processing Sludge and Calcium Carbonate Sludge with Lower CO Emissions.. <i>Materials</i> , 2022 , 15,	3.5	1
147	Feasibility Analysis of Mortar Development with Ornamental Rock Waste for Coating Application by Mechanized Projection. <i>Sustainability</i> , 2022 , 14, 5101	3.6	0
146	Removing Pollutants from Sewage Waters with Ground Apricot Kernel Shell Material. <i>Materials</i> , 2022 , 15, 3428	3.5	0
145	Ornamental Stone Processing Waste Incorporated in the Production of Mortars: Technological Influence and Environmental Performance Analysis. <i>Sustainability</i> , 2022 , 14, 5904	3.6	0
144	A Review of the Use of Natural Fibers in Cement Composites: Concepts, Applications and Brazilian History. <i>Polymers</i> , 2022 , 14, 2043	4.5	3
143	Mechanical and Physical Properties of Particleboard Made from the Sumatran Elephant (<i>Elephas maximus sumatranus</i>) Dung and Wood Shaving. <i>Polymers</i> , 2022 , 14, 2237	4.5	1
142	Numerical Analysis of Shallow Foundations with Varying Loading and Soil Conditions. <i>Buildings</i> , 2022 , 12, 693	3.2	0
141	Comparison between Synthetic and Biodegradable Polymer Matrices on the Development of Quartzite Waste-Based Artificial Stone. <i>Sustainability</i> , 2022 , 14, 6388	3.6	2
140	Time-Use and Spatio-Temporal Variables Influence on Physical Activity Intensity, Physical and Social Health of Travelers. <i>Sustainability</i> , 2021 , 13, 12226	3.6	7

139	Soil-cement blocks: a sustainable alternative for the reuse of industrial solid waste. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2021 , 56, 673-686	1	1
138	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	2.7	17
137	Rheology, Hydration, and Microstructure of Portland Cement Pastes Produced with Ground A β Fibers. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3036	2.6	21
136	Rheological and the Fresh State Properties of Alkali-Activated Mortars by Blast Furnace Slag. <i>Materials</i> , 2021 , 14,	3.5	47
135	Clay Ceramic Waste as Pozzolan Constituent in Cement for Structural Concrete. <i>Materials</i> , 2021 , 14,	3.5	22
134	Capacity to Develop Recycled Aggregate Concrete in South East Asia. <i>Buildings</i> , 2021 , 11, 234	3.2	9
133	Circular economy and durability in geopolymers ceramics pieces obtained from glass polishing waste. <i>International Journal of Applied Ceramic Technology</i> , 2021 , 18, 1891	2	37
132	Rainwater treatment using an acrylic blanket as a filtering media. <i>Journal of Cleaner Production</i> , 2021 , 303, 126964	10.3	3
131	Design Strategy for Recycled Aggregate Concrete: A Review of Status and Future Perspectives. <i>Crystals</i> , 2021 , 11, 695	2.3	8
130	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,	3.5	17
129	Performance of geopolymer tiles in high temperature and saturation conditions. <i>Construction and Building Materials</i> , 2021 , 286, 122994	6.7	44
128	Influence of high temperatures on physical properties and microstructure of gneiss. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 7069-7081	4	3
127	Technological performance of a natural fibre reinforced cement-based mortars. <i>Journal of Building Engineering</i> , 2021 , 33, 101675	5.2	63
126	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	2	32
125	Long-term analysis of the physical properties of the mixed recycled aggregate and their effect on the properties of mortars. <i>Construction and Building Materials</i> , 2021 , 274, 121796	6.7	9
124	Application of eco-friendly alternative activators in alkali-activated materials: A review. <i>Journal of Building Engineering</i> , 2021 , 35, 102010	5.2	26
123	Effect of the addition of the natural and treated a stone in structural mortars. <i>AIMS Materials Science</i> , 2021 , 8, 608-621	1.9	4
122	Study of the Feasibility of Incorporation Clay from Campos Dos Goytacazes-RJ, in Mortar Applied on Walls and Ceilings. <i>Minerals, Metals and Materials Series</i> , 2021 , 533-541	0.3	0

121	Comparison Between Red Ceramic Parts With and Without Ornamental Stone Waste Under Wetting and Drying Cycles. <i>Minerals, Metals and Materials Series, 2021, 287-296</i>	0.3	
120	Ecological Mortars with Blast Slag Waste Application. <i>Minerals, Metals and Materials Series, 2021, 317-326</i>	0.3	
119	Life Cycle Assessment Applied to Red Ceramic Bricks Production Versus Red Ceramic Bricks Incorporated with Stone Wastes: A Comparative Study. <i>Minerals, Metals and Materials Series, 2021, 277-288</i>	0.3	0
118	Application of Desulphurization Residue in Cementitious Mortars. <i>Minerals, Metals and Materials Series, 2021, 241-248</i>	0.3	
117	Reaction mechanisms of alkali-activated materials. <i>Revista IBRACON De Estruturas E Materiais, 2021, 14,</i>	0.5	30
116	Study of Pathologies in Alkali-Activated Materials Based on Slag. <i>Minerals, Metals and Materials Series, 2021, 523-531</i>	0.3	1
115	Study of Face Shell Bedding Concrete Blocks Prisms with Different Laying Mortar Strength. <i>Minerals, Metals and Materials Series, 2021, 517-522</i>	0.3	
114	Influence of the Mixing Processes of the Constituents of Incorporated Geopolymer Materials with Glass Waste. <i>Minerals, Metals and Materials Series, 2021, 483-490</i>	0.3	1
113	Evaluation of Full Bedding Concrete Blocks Prisms with Different Laying Mortar Strength. <i>Minerals, Metals and Materials Series, 2021, 393-398</i>	0.3	
112	Variation of the Silica Module for Dosing Activated Alkali Mortars. <i>Minerals, Metals and Materials Series, 2021, 609-616</i>	0.3	
111	Technological Perspective for Use the Natural Pineapple Fiber in Mortar to Repair Structures. <i>Waste and Biomass Valorization, 2021, 12, 5131-5145</i>	3.2	17
110	The Influence of COVID-19-Induced Daily Activities on Health Parameters A Case Study in Malaysia. <i>Sustainability, 2021, 13, 7465</i>	3.6	21
109	Materials for Production of High and Ultra-High Performance Concrete: Review and Perspective of Possible Novel Materials. <i>Materials, 2021, 14,</i>	3.5	29
108	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. <i>Polymers, 2021, 13,</i>	4.5	18
107	Use of natural vegetable fibers in cementitious composites: concepts and applications. <i>Innovative Infrastructure Solutions, 2021, 6, 1</i>	2.3	12
106	Technological Characterization of PET-Polyethylene Terephthalate-Added Soil-Cement Bricks. <i>Materials, 2021, 14,</i>	3.5	2
105	Influence of Ultrasonication of Functionalized Carbon Nanotubes on the Rheology, Hydration, and Compressive Strength of Portland Cement Pastes. <i>Materials, 2021, 14,</i>	3.5	6
104	Life cycle approach applied to the production of ceramic materials incorporated with ornamental stone wastes. <i>Environmental Science and Pollution Research, 2021, 1</i>	5.1	4

103	Dosage of interlocking paving with ornamental rock waste: An experimental design approach, particle packing and polluting potential. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00596	2.7	3
102	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	2.7	16
101	Long-term durability properties of geopolymer concrete: An in-depth review. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00661	2.7	8
100	Influence of the Ceramic Block Sorptivity on the Adherence of Rendering Mortars. <i>Minerals, Metals and Materials Series</i> , 2021 , 455-462	0.3	
99	Evaluation of Different Methods of Surface Treatment of Natural Aβi Fiber Added in Cementitious Composites. <i>Minerals, Metals and Materials Series</i> , 2021 , 383-391	0.3	2
98	Recycled PET Sand for Cementitious Mortar.. <i>Materials</i> , 2021 , 15,	3.5	6
97	Effect of the Incorporation of Marble Waste in the Properties of Clay Ceramic Bricks. <i>Materials Science Forum</i> , 2020 , 1012, 250-255	0.4	1
96	Waste of Civil Construction for Use in Mortar and Production of Structural Concrete. <i>Materials Science Forum</i> , 2020 , 1012, 215-220	0.4	
95	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	5.5	48
94	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	1.3	6
93	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	3.4	21
92	Characterization of solid waste of restaurant and its energy generation potential: case study of Niterói RJ, Brazil. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	7
91	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	2	60
90	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	6.7	43
89	Analysis of deformability modulus by linear and nonlinear elastic methods in ceramic structural masonry and mortars. <i>Ceramica</i> , 2020 , 66, 229-235	1	2
88	Development of mortar for laying and coating with pineapple fibers. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2020 , 24, 187-193	0.9	31
87	Capillary Absorption Evaluation of Different Mortars Applied in Civil Construction. <i>Minerals, Metals and Materials Series</i> , 2020 , 555-561	0.3	1
86	Influence of Sealing Mortar in the Strength of Compression of the Structural Masonry Ceramic. <i>Minerals, Metals and Materials Series</i> , 2020 , 591-598	0.3	

85	Analysis of the Effect of Marine Salinity in Durability of Red Ceramics Calcinated in Different Temperature. <i>Minerals, Metals and Materials Series</i> , 2020 , 419-427	0.3	
84	Evaluation of the Incorporation of Marble and Granite Residue in Coating Mortars. <i>Minerals, Metals and Materials Series</i> , 2020 , 101-108	0.3	1
83	Characterization of Clay Mix with Incorporation of Granite Waste for the Production of Ceramic Tiles. <i>Minerals, Metals and Materials Series</i> , 2020 , 469-475	0.3	1
82	Potential use of ceramic waste as precursor in the geopolymerization reaction for the production of ceramic roof tiles. <i>Journal of Building Engineering</i> , 2020 , 29, 101156	5.2	44
81	Influence of Construction and Demolition Waste Incorporation in Concrete. <i>Minerals, Metals and Materials Series</i> , 2020 , 109-117	0.3	
80	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	10.3	46
79	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	10.3	64
78	Caranan Fiber from Palm Tree as Novel Reinforcement for Epoxy Composites. <i>Polymers</i> , 2020 , 12,	4.5	13
77	Durability of coating mortars containing allFibers. <i>Case Studies in Construction Materials</i> , 2020 , 13, e004067	0.7	27
76	Investigation of the Potential Use of CurauFiber for Reinforcing Mortars. <i>Fibers</i> , 2020 , 8, 69	3.7	41
75	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	5.5	16
74	Use of waste collected from wind turbine blade production as an eco-friendly ingredient in mortars for civil construction. <i>Journal of Cleaner Production</i> , 2020 , 274, 122948	10.3	15
73	Promising Mechanical, Thermal, and Ballistic Properties of Novel Epoxy Composites Reinforced with Sedge Fiber. <i>Polymers</i> , 2020 , 12,	4.5	39
72	Could city sewage sludge be directly used into clay bricks for building construction? A comprehensive case study from Brazil. <i>Journal of Building Engineering</i> , 2020 , 31, 101374	5.2	27
71	Characterizing the paper industry sludge for environmentally-safe disposal. <i>Waste Management</i> , 2019 , 95, 43-52	8.6	43
70	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	3.4	49
69	Effect of Granite Residue Incorporation on the Behavior of Mortars. <i>Materials</i> , 2019 , 12,	3.5	60
68	Evaluation of roughcast on the adhesion mechanisms of mortars on ceramic substrates. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019 , 52, 1	3.4	32

67	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	5.2	27
66	Study on the replacement of the hydrated lime by kaolinitic clay in mortars. <i>Advances in Applied Ceramics</i> , 2019 , 118, 373-380	2.3	47
65	Effect of the Incorporation of Iron Ore Tailings on the Properties of Clay Bricks. <i>Minerals, Metals and Materials Series</i> , 2019 , 617-627	0.3	3
64	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	5.2	35
63	A Study of the Load Stages by the Displacement of Mortars Composed of Ornamental Stone Residues by the Method of Squeeze Flow. <i>Minerals, Metals and Materials Series</i> , 2019 , 435-440	0.3	
62	Analysis of Rheological Behavior by the Method Squeeze Flow in Mortars Incorporated with Ornamental Stone Residue. <i>Minerals, Metals and Materials Series</i> , 2019 , 465-472	0.3	1
61	Analysis of the Life Extension of ASTM A-36 Steel Structures Using the Concepts of Fracture. <i>Minerals, Metals and Materials Series</i> , 2019 , 485-494	0.3	0
60	Development of Methodology for the Characterization and Incorporation of Waste from the Paper Industry in Cementitious Materials. <i>Minerals, Metals and Materials Series</i> , 2019 , 583-590	0.3	2
59	Evaluation of Technological Properties of Soil-Cement Blocks Using Experimental Design of Mixtures. <i>Minerals, Metals and Materials Series</i> , 2019 , 647-655	0.3	
58	Incorporation of EVA Residue for Production of Lightweight Concrete. <i>Minerals, Metals and Materials Series</i> , 2019 , 673-681	0.3	1
57	Mortars with Pineapple Fibers for Use in Structural Reinforcement. <i>Minerals, Metals and Materials Series</i> , 2019 , 721-728	0.3	3
56	Proposal of Dosing of Mortars Using Simplex Network. <i>Minerals, Metals and Materials Series</i> , 2019 , 747-756		1
55	Study of the Incorporation of Waste from the Paper Industry in Ceramic Tiles. <i>Minerals, Metals and Materials Series</i> , 2019 , 257-264	0.3	1
54	Determination of Useful Life of Red Ceramic Parts Incorporated with Ornamental Stone Waste. <i>Journal of Materials in Civil Engineering</i> , 2019 , 31, 04018381	3	17
53	Addition of Dregs in Mixed Mortar: Evaluation of Physical and Mechanical Properties. <i>Minerals, Metals and Materials Series</i> , 2018 , 419-427	0.3	1
52	Effects of Civil Construction Waste on Properties of Lining Mortars. <i>Minerals, Metals and Materials Series</i> , 2018 , 105-111	0.3	
51	Recycling paper industry effluent sludge for use in mortars: A sustainability perspective. <i>Journal of Cleaner Production</i> , 2018 , 192, 335-346	10.3	73
50	Comparison of Performance Between Granite Waste Pigments Based Paints and Soils Pigments Based Paints. <i>Minerals, Metals and Materials Series</i> , 2018 , 485-496	0.3	

49	The Quality of Tiles in Red Ceramic in Northwest of Rio De Janeiro and Southeast of Minas Gerais. <i>Minerals, Metals and Materials Series, 2018, 713-721</i>	0.3	
48	Evaluation of the Quality of Concrete with Waste of Construction and Demolition. <i>Minerals, Metals and Materials Series, 2018, 515-521</i>	0.3	
47	Adhesion Study at Advanced Ages in Multipurpose Mortars. <i>Minerals, Metals and Materials Series, 2018, 429-435</i>	0.3	
46	Characterization of Different Clays for the Optimization of Mixtures for the Production of Ceramic Artifacts. <i>Minerals, Metals and Materials Series, 2018, 287-295</i>	0.3	
45	Study of Durability of Mortars with Effluent Sludge from Paper Industry Exposed to Salt Spray. <i>Minerals, Metals and Materials Series, 2018, 669-676</i>	0.3	
44	Study of the Incorporation of Residue of Ornamental Rocks in Ceramic Tiles. <i>Minerals, Metals and Materials Series, 2018, 677-682</i>	0.3	2
43	Assessment of the durability of grout submitted to accelerated carbonation test. <i>Construction and Building Materials, 2018, 159, 261-268</i>	6.7	30
42	Influence of Glass Residue Addition on the Properties of Adhesive Mortar. <i>Materials Science Forum, 2018, 930, 158-163</i>	0.4	3
41	Durability of Soil-Cement Blocks with the Incorporation of Limestone Residues from the Processing of Marble. <i>Materials Research, 2018, 21,</i>	1.5	32
40	Influence of sintering temperature of a ceramic substrate in mortar adhesion for civil construction. <i>Journal of Building Engineering, 2018, 19, 342-348</i>	5.2	33
39	Evaluation of the Pozzolanic Activity of Residue From the Paper Industry. <i>Minerals, Metals and Materials Series, 2017, 657-662</i>	0.3	2
38	Influence of incorporation of glass waste on the rheological properties of adhesive mortar. <i>Construction and Building Materials, 2017, 148, 359-368</i>	6.7	81
37	Study on Bending Test on Concrete Structural Use Crumb Rubber as Substitute in Fine Aggregate. <i>Minerals, Metals and Materials Series, 2017, 799-807</i>	0.3	
36	Production of Concrete Interlocking Blocks with Partial Replacement of Sand in Bulk by Waste Glass Machined. <i>Minerals, Metals and Materials Series, 2017, 719-727</i>	0.3	1
35	Evaluation of the Properties of the Adhesive Mortar in the Fresh State with Addition of Glass Waste. <i>Minerals, Metals and Materials Series, 2017, 663-670</i>	0.3	0
34	Evaluation of a Tacking Stage for Adherence, between Mortar and Ceramic Brick. <i>Materials Science Forum, 2016, 869, 121-126</i>	0.4	1
33	Factorial Design for 32 Experimental Planning of Clay Ceramic Incorporated with Ornamental Stone Waste. <i>Materials Science Forum, 2016, 869, 127-130</i>	0.4	5
32	Influence of Weather Exposure on Dimensional Changes in Clay Ceramics Incorporated with Granite Residue. <i>Materials Science Forum, 2016, 869, 131-135</i>	0.4	3

31	Properties of Clay for Ceramics with Rock Waste for Production Structural Block by Pressing and Firing 2016 , 653-659		1
30	Properties of Mortars with Partial and Total Replacement of Conventional Aggregate by Waste Construction 2016 , 661-666		
29	Effect of the Paper Industry Residue on Properties in the Fresh Mortar 2016 , 571-576		
28	Characterization of Incorporation the Glass Waste in Adhesive Mortar 2016 , 539-545		
27	Evaluation of the Industrial Raw Material Used for Ceramic Production in Sa o Jose de Uba , State of Rio de Janeiro, Brazil. <i>Materials Science Forum</i> , 2015 , 820, 3-7	0.4	4
26	Characterization of Clayey Soils from Visconde Do Rio Branco for Fired Ceramic Bricks. <i>Materials Science Forum</i> , 2015 , 820, 443-448	0.4	
25	Characterization of a Clay Body Used for Red Ceramics in Sa o Sebastiao, District of Campos dos Goytacazes, State of Rio de Janeiro, Brazil. <i>Materials Science Forum</i> , 2015 , 820, 8-12	0.4	1
24	Performance of Precursor Materials and Fired Ceramics for Structural Blocks. <i>Materials Science Forum</i> , 2015 , 820, 13-17	0.4	1
23	Study of a Typical Soil Used for Concrete Bricks in Miracema, State of Rio de Janeiro, Brazil. <i>Materials Science Forum</i> , 2015 , 820, 40-45	0.4	
22	Characterization of Precursor Clay Body and Weibull Analysis of the Compressive Strength of Structural Blocks. <i>Materials Science Forum</i> , 2015 , 820, 438-442	0.4	
21	Statistical Analysis of Degradation Data of Red Ceramic Pieces Incorporated with Ornamental Stone Waste. <i>Materials Science Forum</i> , 2015 , 820, 455-461	0.4	2
20	Mathematical Simulation of Thermal and Moisture Gradients in Ceramic Blocks. <i>Materials Science Forum</i> , 2015 , 820, 474-479	0.4	
19	Addition of Paper Sludge Waste into Lime for Mortar Production. <i>Materials Science Forum</i> , 2015 , 820, 609-614	0.4	12
18	Evaluation of Structural Clay Brick Masonry Units by Weibull Analysis and Brazilian Code and Specifications 2015 , 353-360		
17	Analysis of Porosity and Flexural Strength Changes of Red Ceramic Pieces Incorporated with Ornamental Rock Waste 2015 , 645-650		
16	Analysis of the Feasibility of Using Soil from the Municipality of Goytacazes/RJ for Production of Soil-Cement Brick 2015 , 595-600		
15	Increase of Flexural Strength of Red Ceramic Pieces Incorporated with Ornamental Rock Waste: Application of Weibull Statistic for Determination of Best Firing Temperature 2015 , 369-376		
14	Characterization and Evaluation of Incorporation the Casting Sand in Mortar 2015 , 517-521		

13	Processing and Properties of Soil-Cement Blocks Incorporated with Natural Grit. <i>Materials Science Forum</i> , 2014 , 798-799, 343-346	0.4	3
12	Characterization of Natural Slip Materials Geologically Found in the North of the State of Rio de Janeiro, Brazil. <i>Materials Science Forum</i> , 2014 , 798-799, 33-38	0.4	
11	Banana Aqueous Extract as a Potential Addition to Clay Ceramics. <i>Materials Science Forum</i> , 2014 , 798-799, 246-250	0.4	
10	Resistance to Synthetic Seawater Aggression of Clay Ceramics Incorporated with an Ornamental Stone Residue. <i>Materials Science Forum</i> , 2014 , 798-799, 269-274	0.4	4
9	Relevance of Ornamental Stone Residues in the Manufacture of Concrete Blocks for Structural Masonry. <i>Materials Science Forum</i> , 2014 , 798-799, 638-643	0.4	4
8	A Study on Public Opinion of Structural Concrete Blocks Incorporated with Ornamental Stone Residue. <i>Materials Science Forum</i> , 2014 , 798-799, 481-486	0.4	1
7	Environmental Durability of Soil-Cement Block Incorporated with Ornamental Stone Waste. <i>Materials Science Forum</i> , 2014 , 798-799, 548-553	0.4	34
6	Study of a Clayey Soil Used in the Fabrication of Red Ceramics in Campos Dos Goytacazes, Brazil. <i>Materials Science Forum</i> , 2014 , 798-799, 15-20	0.4	6
5	Characterization of a Limestone Powder Residue for Recycling as a Concrete Block Incorporation. <i>Materials Science Forum</i> , 2014 , 798-799, 3-8	0.4	5
4	Technical Feasibility of Using Lightweight Concrete with Expanded Polystyrene in Civil Construction. <i>Materials Science Forum</i> , 2014 , 798-799, 347-352	0.4	
3	Addition of Grog-Clay Ceramic Waste in Multiple Use Mortar. <i>Materials Science Forum</i> , 2014 , 798-799, 235-239	0.4	2
2	Economic potential comparative of reusing different industrial solid wastes in cementitious composites: a case study in Brazil. <i>Environment, Development and Sustainability</i> ,1	4.5	3
1	Incorporation of Industrial Glass Waste into Polymeric Resin to Develop Artificial Stones for Civil Construction. <i>Arabian Journal for Science and Engineering</i> ,1	2.5	0