

Gelmires Araujo Neves

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.

173
papers

1,264
citations

17
h-index

30
g-index

191
ext. papers

1,614
ext. citations

2
avg, IF

4.68
L-index

#	Paper	IF	Citations
173	Parallel-solution blow spun Al-SnO ₂ /F-SnO ₂ fibers as an efficient room temperature ethanol sensor. <i>Ceramics International</i> , 2022 ,	5.1	2
172	Hybrid magnetron sputtering of ceramic superlattices for application in a next generation of combustion engines.. <i>Scientific Reports</i> , 2022 , 12, 2342	4.9	4
171	A review of recent developments in tin dioxide nanostructured materials for gas sensors. <i>Ceramics International</i> , 2022 , 48, 7405-7440	5.1	5
170	Firing Parameters Effect on the Physical and Mechanical Properties of Scheelite Tailings-Containing Ceramic Masses. <i>Sustainability</i> , 2022 , 14, 333	3.6	0
169	Ceramic Nanofiber Materials for Wound Healing and Bone Regeneration: A Brief Review. <i>Materials</i> , 2022 , 15, 3909	3.5	1
168	Development of Eco-Friendly Mortars Produced with Kaolin Processing Waste: Durability Behavior Viewpoint. <i>Sustainability</i> , 2021 , 13, 11395	3.6	1
167	Durability of Sustainable Ceramics Produced by Alkaline Activation of Clay Brick Residue. <i>Sustainability</i> , 2021 , 13, 10931	3.6	1
166	Freeze-casting applied to ceramic materials: a short review of the influence of processing parameters. <i>Ceramica</i> , 2021 , 67, 1-13	1	4
165	The Potential for Natural Stones from Northeastern Brazil to Be Used in Civil Construction. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 440	2.4	6
164	A new eco-friendly mass formulation based on industrial mining residues for the manufacture of ceramic tiles. <i>Ceramics International</i> , 2021 , 47, 11340-11348	5.1	7
163	Adsorption Behavior of Acid-Treated Brazilian Palygorskite for Cationic and Anionic Dyes Removal from the Water. <i>Sustainability</i> , 2021 , 13, 3954	3.6	3
162	Antifungal activity of TiO ₂ -CeO ₂ nanofibers against Candida fungi. <i>Materials Letters</i> , 2021 , 283, 128709	3.3	7
161	Development of cordierite/mullite composites using industrial wastes. <i>International Journal of Applied Ceramic Technology</i> , 2021 , 18, 253-261	2	6
160	Facile synthesis of hollow F-doped SnO ₂ nanofibers and their efficiency in ethanol sensing. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 1297-1308	3.8	12
159	3D nanofibrous bioactive glass scaffolds produced by one-step spinning process. <i>Ceramics International</i> , 2021 , 47, 102-110	5.1	3
158	Durability Behavior of Mortars Containing Perlite Tailings: Alkali-Silicate Reaction Viewpoint. <i>Sustainability</i> , 2021 , 13, 9203	3.6	1
157	Hybrid hematite/calcium ferrite fibers by solution blow spinning: Microstructural, optical and magnetic characterization. <i>Ceramics International</i> , 2021 , 47, 33363-33363	5.1	2

156	Use of nanostructured and modified TiO ₂ as a gas sensing agent. <i>Ceramica</i> , 2021 , 67, 316-326	1	
155	Fe ₂ O ₃ fibers: An efficient photocatalyst for dye degradation under visible light. <i>Journal of Alloys and Compounds</i> , 2021 , 882, 160683	5.7	7
154	High porous ceramics with isometric pores by a novel saponification/gelation/freeze-casting combined route. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 7111-7118	6	1
153	Avalia ^ç o da reatividade ao ataque qu ^í mico de res ^í duo oriundo da minera ^ç o da scheelita utilizado como agregado em argamassas ciment ^í cias. <i>Engenharia Sanitaria E Ambiental</i> , 2021 , 26, 1135-1142	0.4	
152	Photocatalytic degradation of dyes and microorganism inactivation using solution blow spun silver-modified titania fibers. <i>Ceramics International</i> , 2020 , 46, 13482-13490	5.1	6
151	Green synthesis of porous N-Carbon/Silica nanofibers by solution blow spinning and evaluation of their efficiency in dye adsorption. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 3038-3046	5.5	8
150	Influence of the addition process on cation exchange capacity and viscosity of bentonitic clay dispersions. <i>Ceramica</i> , 2020 , 66, 81-87	1	4
149	CaFe ₂ O ₄ ferrite nanofibers via solution blow spinning (SBS). <i>Ceramica</i> , 2020 , 66, 467-473	1	1
148	Influence of MgO and CaCl ₂ on the rheological properties of bentonitic clays from the new Para ^í ba-Brazil deposits using experimental planning and statistical analysis. <i>Ceramica</i> , 2020 , 66, 74-80	1	
147	Imobiliza ^ç o de metais pesados presentes nos res ^í duos de quartzito por meio da incorpora ^ç o em argamassas com substitui ^ç o total do agregado natural. <i>Engenharia Sanitaria E Ambiental</i> , 2020 , 25, 833-845	0.4	0
146	Nanostructured titanium dioxide for use in bone implants: a short review. <i>Ceramica</i> , 2020 , 66, 440-450	1	3
145	Hydrocyclone performance for bentonite clay purification. <i>Chemical Engineering Research and Design</i> , 2020 , 161, 168-177	5.5	3
144	Development and characterization of a babassu nut oil-based moisturizing cosmetic emulsion with a high sun protection factor.. <i>RSC Advances</i> , 2020 , 10, 26268-26276	3.7	8
143	A Review on Chitosan's Uses as Biomaterial: Tissue Engineering, Drug Delivery Systems and Cancer Treatment. <i>Materials</i> , 2020 , 13,	3.5	26
142	Development of Scheelite Tailings-Based Ceramic Formulations with the Potential to Manufacture Porcelain Tiles, Semi-Stoneware and Stoneware. <i>Materials</i> , 2020 , 13,	3.5	8
141	Sustainable Ceramic Materials Manufactured from Ceramic Formulations Containing Quartzite and Scheelite Tailings. <i>Sustainability</i> , 2020 , 12, 9417	3.6	11
140	Adsorption of Anionic Dye on the Acid-Functionalized Bentonite. <i>Materials</i> , 2020 , 13,	3.5	17
139	Encapsulation of nitrogen fertilizers in mixtures with organoclays for controlled release. <i>Clean Technologies and Environmental Policy</i> , 2020 , 22, 2163-2176	4.3	1

138	Nitrogen-Enriched CrAlN Multilayer-Like Coatings Manufactured by Dynamic Glancing Angle Direct Current Magnetron Sputtering. <i>Materials</i> , 2020 , 13,	3.5	1
137	Development of Sustainable Heterogeneous Catalysts for the Photocatalytic Treatment of Effluents. <i>Sustainability</i> , 2020 , 12, 7393	3.6	8
136	Mechanical properties of mortar produced with the replacement of natural sand by scheelite residue. <i>Ceramica</i> , 2019 , 65, 443-451	1	4
135	Influence of Ca ²⁺ in the rheological properties and filtration of bentonitic clay dispersions in aqueous drilling fluids. <i>Ceramica</i> , 2019 , 65, 216-221	1	1
134	Incorporation of quartzite waste in mixtures used to prepare sanitary ware. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 2148-2156	5.5	7
133	A brief review on hydroxyapatite production and use in biomedicine. <i>Ceramica</i> , 2019 , 65, 282-302	1	53
132	Characterization of clays from the State of Pará, Brazil for aesthetic and medicinal use. <i>Ceramica</i> , 2019 , 65, 78-84	1	0
131	Influence of Processing Variables on Clay-Based Ceramic Formulations. <i>Materials Research</i> , 2019 , 22,	1.5	1
130	Calcium phosphate submicrometric fibers produced by solution blow spinning. <i>Materials Research</i> , 2019 , 22,	1.5	3
129	Influência do tipo de solvente na síntese de mulita pelo método Pechini. <i>Ceramica</i> , 2019 , 65, 388-393	1	1
128	Synthesis and characterization of alumina fibers using solution blow spinning. <i>Ceramica</i> , 2019 , 65, 190-193		2
127	Mechanical behavior and durability of mortars with quartzite and Portland cement after sulfate attack. <i>Revista Materia</i> , 2019 , 24,	0.8	2
126	A comparative study of particle size distribution using analysis of variance for sedimentation and laser diffraction methods. <i>Ceramica</i> , 2019 , 65, 452-460	1	
125	Uso de dióxido em massas cerâmicas para grãos sanitários. <i>Ceramica</i> , 2019 , 65, 1-12	1	5
124	Cinza de biomassa rica em cálcio como material carbonado em sistemas cimentícios de base Portland. <i>Ceramica</i> , 2019 , 65, 85-91	1	2
123	Mineralogical and dielectric properties of mullite and cordierite ceramics produced using wastes. <i>Ceramics International</i> , 2019 , 45, 4692-4699	5.1	15
122	Solution blow spun spinel ferrite and highly porous silica nanofibers. <i>Ceramics International</i> , 2018 , 44, 10984-10989	5.1	9
121	Solution blow spun titania nanofibers from solutions of high inorganic/organic precursor ratio. <i>Ceramics International</i> , 2018 , 44, 1681-1689	5.1	15

120	Cordierite obtained from compositions containing kaolin waste, talc and magnesium oxide. <i>Ceramics International</i> , 2018 , 44, 1719-1725	5.1	20
119	Influência da composição e das variáveis de processamento de formulações base de argilas - uso em materiais refratários. <i>Ceramica</i> , 2018 , 64, 10-19	1	3
118	Avaliação de novos depósitos de argilas provenientes da região sul do Amapá visando aplicação na indústria cerâmica. <i>Ceramica</i> , 2018 , 64, 69-78	1	4
117	Cal produzida a partir de cinza de biomassa rica em cálcio. <i>Ceramica</i> , 2018 , 64, 318-324	1	1
116	Study of equilibrium and kinetic adsorption of rhodamine B onto purified bentonite clays. <i>Ceramica</i> , 2018 , 64, 598-607	1	11
115	Factorial design and statistical analysis of smectite clay treatment by hydrocyclone. <i>Ceramica</i> , 2018 , 64, 57-63	1	4
114	Thixotropic evaluation of bentonitic clay dispersions modified with nonionic surfactants for organic drilling fluids. <i>Ceramica</i> , 2018 , 64, 425-430	1	
113	Influência das condições de cura na reologia dos novos depósitos de argilas bentônicas da Paraíba. <i>Ceramica</i> , 2018 , 64, 485-490	1	
112	Influence of the purification of bentonite clay from new deposits in the state of Paraíba-Brazil for use in water-based drilling fluids. <i>Ceramica</i> , 2018 , 64, 538-546	1	1
111	Effect of carboxymethylcellulose on the rheological and filtration properties of bentonite clay samples determined by experimental planning and statistical analysis. <i>Ceramica</i> , 2018 , 64, 254-265	1	3
110	Microstructural, physical and mechanical behavior of pastes containing clays and alumina waste. <i>Applied Clay Science</i> , 2017 , 137, 259-265	5.2	16
109	Influência do uso de resíduo de quartzito na expansão por umidade de massas de revestimentos cerâmicos planos. <i>Ceramica</i> , 2017 , 63, 134-142	1	1
108	Caracterização tecnológica de novos depósitos de argilas da região sul do Amapá visando aplicação na indústria Cerâmica. <i>Revista Materia</i> , 2017 , 22,	0.8	1
107	Efeito do armazenamento de argilas esmectônicas nas suas propriedades reológicas. <i>Ceramica</i> , 2017 , 63, 109-115	1	1
106	Microstructure development in clays upon heat treatment: Kinetics and equilibrium. <i>Applied Clay Science</i> , 2017 , 135, 325-332	5.2	5
105	Modelagem de propriedades reológicas de argilas esmectitas do estado da Paraíba para uso em fluidos de perfuração de poços de petróleo. <i>Ceramica</i> , 2017 , 63, 187-196	1	0
104	Influência das variáveis de processo do hidrociclone para tratamento de argilas esmectíticas. <i>Ceramica</i> , 2017 , 63, 336-342	1	
103	Avaliação das composições de massas argilosas a partir da incorporação de resíduo da indústria de cerâmica vermelha na obtenção de membranas cerâmicas tubulares. <i>Revista Materia</i> , 2017 , 22,	0.8	1

102	Intera�o entre caracter�sticas de argilas e par�metros de processamento sobre propriedades tecnol�gicas de corpos cer�micos. <i>Ceramica</i> , 2017 , 63, 361-368	1	1
101	Synthesis of TiO ₂ and ZnO nano and submicrometric fibers by solution blow spinning. <i>Materials Letters</i> , 2016 , 183, 109-113	3.3	29
100	Porous mullite blocks with compositions containing kaolin and alumina waste. <i>Ceramics International</i> , 2016 , 42, 15471-15478	5.1	18
99	Addition of quartzite residues on mortars: Analysis of the alkali aggregate reaction and the mechanical behavior. <i>Construction and Building Materials</i> , 2016 , 118, 344-351	6.7	16
98	Production of fire clay porous structure with no aligned macro porosity from water-based slurry by freeze casting process: A new approach. <i>Ceramics International</i> , 2016 , 42, 9278-9282	5.1	11
97	Estudo de novas ocorr�ncias de argilas pl�sticas (ball clays) do nordeste do Brasil para uso em cer�micas refrat�rias. <i>Ceramica</i> , 2016 , 62, 338-344	1	2
96	Moisture Expansion during the Formation of Crystalline Phases in Clay/CaCO ₃ Mixtures. <i>Materials Science Forum</i> , 2016 , 869, 116-120	0.4	
95	Evaluation of the Potential of Using Quartzite Residue in Mass for the Production of Sanitary Ware. <i>Materials Science Forum</i> , 2016 , 869, 181-185	0.4	2
94	Avalia�o de argilas benton�ticas policati�nicas do estado da Para�ba com aditivos para aplica�o em perfura�o de po�os de petr�leo e tintas � base de �gua. <i>Ceramica</i> , 2016 , 62, 45-54	1	1
93	Res�duo de quartzito - mat�ria-prima alternativa para uso em massas de cer�mica estrutural. <i>Ceramica</i> , 2016 , 62, 170-178	1	11
92	Beneficiation of Kaolins by Hydrocycloning. <i>Materials Science Forum</i> , 2016 , 869, 195-199	0.4	
91	Microstructural Characterization of Ornamental Rock Samples: Cariri Rocks. <i>Materials Science Forum</i> , 2016 , 869, 159-163	0.4	
90	Microwave-assisted sintering of dental porcelains. <i>Ceramics International</i> , 2015 , 41, 7501-7510	5.1	9
89	Evaluation of the Addition of Al ₂ O ₃ on the Mechanical and Thermal Properties in Binding Geopolymer. <i>Materials Science Forum</i> , 2015 , 820, 497-502	0.4	2
88	Production of Mullite from Bentonite Clays and Alumina Residue. <i>Materials Science Forum</i> , 2015 , 820, 84-89	0.4	
87	Synthesis of Mullite by the Pechini Method. <i>Materials Science Forum</i> , 2015 , 820, 107-112	0.4	0
86	Sinterization of Alumina and of the Alumina/Zirconia System in Microwave Ovens. <i>Materials Science Forum</i> , 2015 , 820, 341-346	0.4	
85	Physico-Mineralogical Characterization: Bentonitic Clays Recently Found in Olivedos, Para�ba, Brazil. <i>Materials Science Forum</i> , 2015 , 820, 56-59	0.4	

84	Study of the Characterization of Smectitic Clays from a Town in the State of Paraíba. <i>Materials Science Forum</i> , 2015 , 820, 51-55	0.4	
83	Influence of Power and Synthesis Time in the Formation of Mullite Obtained by Microwave Heating. <i>Materials Science Forum</i> , 2015 , 820, 90-95	0.4	1
82	The effect of metakaolin on the durability of concrete hollow blocks used in masonry: evaluation of degradation caused by driving rain. <i>Revista Escola De Minas</i> , 2015 , 68, 21-27		2
81	Influence of the Heating Rate on the Phase and Microstructural Transformations of Smectite Clays. <i>Materials Science Forum</i> , 2015 , 820, 46-50	0.4	
80	Avaliação de novos depósitos de argilas do Estado da Paraíba visando sua aplicação como matérias-primas cerâmicas. <i>Cerâmica</i> , 2015 , 61, 391-398	1	6
79	Mullite formation from bentonites containing kaolinite: Effect of composition and synthesis parameters. <i>Applied Clay Science</i> , 2014 , 87, 28-33	5.2	14
78	Modification of bentonites with nonionic surfactants for use in organic-based drilling fluids. <i>Applied Clay Science</i> , 2014 , 95, 371-377	5.2	41
77	Purificação e organofilização em escala piloto de argilas bentônicas com tensoativo não iônico e aplicação em nanocompósitos poliméricos. <i>Polimeros</i> , 2014 , 24, 491-500	1.6	0
76	Estudos de caracterização dos novos depósitos de argilas esmectônicas do município de Sossego, PB. <i>Cerâmica</i> , 2014 , 60, 223-230	1	0
75	Drying of Industrial Ceramic Bricks: An Experimental Investigation in Oven. <i>Defect and Diffusion Forum</i> , 2014 , 353, 116-120	0.7	5
74	Study of Variables in the Organofilization Process of Bentonite Clays from Cubati, PB, Brazil, with Ionic Surfactants. <i>Materials Science Forum</i> , 2014 , 805, 492-497	0.4	
73	Particle Size Study of Smectite Clays from the City of Pedra Lavrada-PB. <i>Materials Science Forum</i> , 2014 , 775-776, 377-382	0.4	
72	Use of Ceramic Membrane for Indigo Separation in Effluent from Textile Industry. <i>Materials Science Forum</i> , 2014 , 798-799, 537-541	0.4	2
71	Kaolin Residue as an Alternative Binder for Grout Seal and Revetment. <i>Materials Science Forum</i> , 2014 , 775-776, 653-658	0.4	1
70	Employment of Response Surface Methodology for Optimization of the Portland Cement Mechanical Resistance. <i>Materials Science Forum</i> , 2014 , 775-776, 547-552	0.4	
69	Oil Well Cement Developed from Common Cement: Physical, Chemical and Mineral Characterization. <i>Materials Science Forum</i> , 2014 , 805, 558-563	0.4	2
68	Use of the Processed Waste from Kaolin and Granite Sawing in the Manufacture of Tubular Ceramic Membranes. <i>Materials Science Forum</i> , 2014 , 805, 337-342	0.4	2
67	Purification of Bentonite Clays from Cubati, PB, Brazil, for Diversified Applications. <i>Materials Science Forum</i> , 2014 , 805, 486-491	0.4	0

66	Influence of Hydrocycloning Pressure on the Purification of Bentonite. <i>Materials Science Forum</i> , 2014 , 798-799, 55-60	0.4	0
65	Portland Cement for the Cementing of Oil Wells Developed with the Aid of the Rietveld Refinement Method. <i>Materials Science Forum</i> , 2014 , 805, 350-355	0.4	
64	Synthesis of Alpha Alumina Using Microwave Energy. <i>Materials Science Forum</i> , 2014 , 805, 504-507	0.4	
63	Influence of Curing Temperature on Metakaolin-Based Geopolymers. <i>Materials Science Forum</i> , 2014 , 775-776, 210-215	0.4	
62	Synthesis of Mullite Using Microwave Furnace from Kaolin and Alumina Residue. <i>Materials Science Forum</i> , 2014 , 798-799, 63-68	0.4	
61	Comparative Study of Organoclays with Ionic Surfactant. <i>Materials Science Forum</i> , 2014 , 798-799, 9-14	0.4	1
60	Organofilization of Smectite Clay from Pedra Lavrada, PB, with Nonionic Surfactant. <i>Materials Science Forum</i> , 2014 , 805, 480-485	0.4	
59	Purified Smectite Clays Organofilized with Ionic Surfactant for Use in Oil-Based Drilling Fluids. <i>Materials Science Forum</i> , 2014 , 798-799, 21-26	0.4	10
58	Study of Compatibility between Organoclays and Organic Dispersant Media through Foster Swelling. <i>Materials Science Forum</i> , 2014 , 775-776, 724-728	0.4	1
57	Characterization and Study of the Moisture Expansion of Ceramic Blocks from Ceramic Masses Incorporated with Kaolin and Granite Wastes. <i>Materials Science Forum</i> , 2014 , 775-776, 41-46	0.4	
56	Study of the Influence of Granite Residue in Different Compositions to Prepare Ceramic Membranes. <i>Materials Science Forum</i> , 2014 , 798-799, 542-547	0.4	3
55	Synthesis of Alumina Using Aluminum Acetate. <i>Materials Science Forum</i> , 2014 , 805, 508-512	0.4	2
54	Bentonite Clays from Sossego, Paraiba, Brazil: Physical and Mineralogical Characterization. <i>Materials Science Forum</i> , 2014 , 798-799, 50-54	0.4	0
53	Heat and mass transport in an industrial tunnel dryer: Modeling and simulation applied to hollow bricks. <i>Applied Thermal Engineering</i> , 2013 , 55, 78-86	5.8	35
52	Blocos solo-cal utilizando resíduo da construção civil. <i>Ceramica</i> , 2013 , 59, 27-33	1	1
51	Studies of new occurrences of bentonite clays in the State of Paraíba for use in water based drilling fluids. <i>Revista Escola De Minas</i> , 2013 , 66, 485-491		11
50	Obtenção e caracterização de membranas cerâmicas tubulares a partir de massas incorporadas com argila, caulim e quartzo. <i>Ceramica</i> , 2013 , 59, 192-197	1	3
49	Influência das variáveis de processo na obtenção de argilas organofílicas. <i>Ceramica</i> , 2013 , 59, 277-284	1	4

48	Organofilizaçãõ de argilas bentonênicas com tensoativos nãõ- iônicos visando seu uso em fluidos de perfuraçãõ base aquosa. <i>Ceramica, 2012, 58, 317-327</i>	1	8
47	Expansãõ por umidade de revestimentos cerâmicos incorporados com residuos de granito e caulim. <i>Ceramica, 2012, 58, 216-224</i>	1	3
46	Modeling of water transport in roof tiles by removal of moisture at isothermal conditions. <i>Heat and Mass Transfer, 2012, 48, 809-821</i>	2.2	38
45	Nonionic Surfactant Organoclays Obtaining from Pedra Lavrada District Clays, PB, Brazil. <i>Materials Science Forum, 2012, 727-728, 1563-1569</i>	0.4	1
44	Development of Organoclays for Use in Oil-Based Drilling Fluids. <i>Materials Science Forum, 2012, 727-728, 1557-1562</i>	0.4	3
43	Synthesis of Mulita Nanometric from Delaminated Bentonite-Study of the Percentage of Stages and Size of Crystal. <i>Materials Science Forum, 2012, 727-728, 781-786</i>	0.4	3
42	Preparation of Organovermiculite for Adsorption of Organic Compounds. <i>Materials Science Forum, 2012, 727-728, 1451-1456</i>	0.4	
41	Purification of Bentonite Clays from the District of Cubati, PB, for Obtainment of Organoclays for Use in Drilling Fluids. <i>Materials Science Forum, 2012, 727-728, 1444-1450</i>	0.4	1
40	Characterization of New Occurrences of Clays in the City of Pedra Lavrada-PB, for Use as Ceramics Raw Materials. <i>Materials Science Forum, 2012, 727-728, 775-780</i>	0.4	1
39	Influence of Organophilization Process Variables in Bentonite Clays from Cubati-PB. <i>Materials Science Forum, 2012, 727-728, 1467-1472</i>	0.4	0
38	Development of Ultrafiltration Tubular Ceramic Membrane Using in their Composition Granite Residue. <i>Materials Science Forum, 2012, 727-728, 652-656</i>	0.4	1
37	Coating Mortar Using Rice Husk Ash as Binding. <i>Materials Science Forum, 2012, 727-728, 1502-1507</i>	0.4	1
36	Influence of Firing Temperature on the Pozzolanic Activity of Kaolin Wastes. <i>Materials Science Forum, 2012, 727-728, 675-680</i>	0.4	3
35	Study Morphologic and Microstructural of the System CeO ₂ -NiO Obtained by Polymeric Precursor Method. <i>Materials Science Forum, 2012, 727-728, 491-496</i>	0.4	1
34	Soil-Lime Blocks Using Construction Residues - Durability Study. <i>Materials Science Forum, 2012, 727-728, 1422-1427</i>	0.4	2
33	Heat and Mass Transfer and Volume Variations during Drying of Industrial Ceramic Bricks: An Experimental Investigation. <i>Defect and Diffusion Forum, 2012, 326-328, 267-272</i>	0.7	7
32	Obtençãõ de argilas organofêlicas purificadas atravêss de tensoativos iônicos e nãõ- iônicos visando uso em fluidos de perfuraçãõ base aquosa. <i>Ceramica, 2012, 58, 419-435</i>	1	8
31	Uso de metacaulim em concreto seco: uma abordagem por superfêcie de resposta. <i>Ambiente Construído, 2012, 12, 135-146</i>	0.4	4

30	Uso de técnicas estatísticas para modelar a resistência à flexão de corpos cerâmicos contendo resíduo de granito. <i>Revista Materia</i> , 2012 , 17, 919-930	0.8	1
29	Aplicação da cinza da casca do arroz em argamassas de assentamento. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2011 , 15, 639-645	0.9	12
28	Durabilidade de tijolos solo-cal incorporados com resíduos de demolição da construção civil. <i>Revista Escola De Minas</i> , 2011 , 64, 273-279		1
27	Synthesis of Expansive Mortar Developed in Laboratory for Dismounting of Ornamental Rocks. <i>IOP Conference Series: Materials Science and Engineering</i> , 2011 , 18, 022009	0.4	
26	Heat and Mass Diffusion Including Shrinkage and Hygrothermal Stress during Drying of Holed Ceramics Bricks. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 971-976	0.7	15
25	Composição de argilas organofílicas obtida com tensoativo não-iônico para fluidos de perfuração base orgânica. <i>Ceramica</i> , 2011 , 57, 199-205	1	2
24	Use of Microwave Energy for Obtaining the Mullite. <i>Materials Science Forum</i> , 2010 , 660-661, 893-898	0.4	
23	Use of statistical design to study the influence of CMC on the rheological properties of bentonite dispersions for water-based drilling fluids. <i>Applied Clay Science</i> , 2010 , 49, 13-20	5.2	70
22	Mass and heat transfer study in solids of revolution via numerical simulations using finite volume method and generalized coordinates for the Cauchy boundary condition. <i>International Journal of Heat and Mass Transfer</i> , 2010 , 53, 1183-1194	4.9	25
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