

Holmer Savastano Junior

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.

229
papers

4,880
citations

36
h-index

60
g-index

243
ext. papers

5,692
ext. citations

4.2
avg, IF

5.95
L-index

#	Paper	IF	Citations
229	Cellulosic Fabric-Reinforced Cementitious Matrix (FRCM): Ligaments, Treatments, and Employment. <i>Materials Circular Economy</i> , 2022 , 4, 1	4.3	0
228	Coir fiber as reinforcement in cement-based materials 2022 , 707-739		
227	Potential of raffia nanofibrillated cellulose as a reinforcement in extruded earth-based materials. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00926	2.7	2
226	Influence of measuring system on rheological behavior of PVA-fiber reinforced mortars. <i>Construction and Building Materials</i> , 2022 , 314, 125613	6.7	1
225	Algae application in civil construction: A review with focus on the potential uses of the pelagic <i>Sargassum</i> spp. biomass.. <i>Journal of Environmental Management</i> , 2022 , 303, 114258	7.9	2
224	Experimental evaluation and numerical modeling of the mechanical performance of OSB sandwich panels manufactured with trapezoidal core. <i>Construction and Building Materials</i> , 2022 , 326, 126721	6.7	0
223	Aerosol filtration performance of electrospun membranes comprising polyacrylonitrile and cellulose nanocrystals. <i>Journal of Membrane Science</i> , 2022 , 650, 120392	9.6	1
222	Effect of Coir Fiber Reinforcement on Properties of Metakaolin-Based Geopolymer Composite. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 5478	2.6	1
221	Alkali activation of compacted termite mound soil for eco-friendly construction materials. <i>Heliyon</i> , 2021 , 7, e06597	3.6	5
220	Orientation effect on the physical and mechanical properties of strand cement boards. <i>Construction and Building Materials</i> , 2021 , 275, 122121	6.7	2
219	Modeling of the thermal performance of piglet house with non-conventional floor system. <i>Journal of Building Engineering</i> , 2021 , 35, 102071	5.2	2
218	Influence of wood pretreatment and fly ash particle size on the performance of geopolymer wood composite. <i>European Journal of Wood and Wood Products</i> , 2021 , 79, 597-609	2.1	4
217	Influence of Mercerization on the Physical and Mechanical Properties of Polymeric Composites Reinforced with Amazonian Fiber. <i>Fibers and Polymers</i> , 2021 , 22, 1950-1956	2	
216	Assessment of dendrocalamus asper (Schult and schult f.) (Poaceae) bamboo treated with tannin-boron preservatives. <i>Construction and Building Materials</i> , 2021 , 282, 122723	6.7	3
215	Quantitative Comparison of Binary Mix of Agro-Industrial Pozzolanic Additions for Elaborating Ternary Cements: Kinetic Parameters. <i>Materials</i> , 2021 , 14,	3.5	1
214	Performance and Durability of Cellulose Pulp-Reinforced Extruded Earth-based Composites. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 11153	2.5	9
213	Machine Learning Approaches for Prediction of the Compressive Strength of Alkali Activated Termite Mound Soil. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4754	2.6	2

212	Chemical modification of <i>Dendrocalamus asper</i> bamboo with citric acid and boron compounds: Effects on the physical-chemical, mechanical and thermal properties. <i>Journal of Cleaner Production</i> , 2021 , 279, 123871	10.3	6
211	Static flexural behavior of bamboo as a functionally graded material and the effect of heat on dynamic flexural modulus. <i>Journal of Building Engineering</i> , 2021 , 34, 101949	5.2	3
210	Fiber cement boards modified with styrene-acrylic copolymer: An approach to address dimensional stability and cellulose fiber preservation. <i>Journal of Composite Materials</i> , 2021 , 55, 437-452	2.7	2
209	The Effect of Alkali Treatment on Chemical and Physical Properties of Ichu and Cabuya Fibers. <i>Journal of Natural Fibers</i> , 2021 , 18, 923-936	1.8	12
208	Physical and Thermal Properties of Novel Native Andean Natural Fibers. <i>Journal of Natural Fibers</i> , 2021 , 18, 475-491	1.8	4
207	Castor oil based polyurethane adhesive content on OSSB produced with soybean straw. <i>Ambiente Construído</i> , 2021 , 21, 23-36	0.4	
206	Development of Sustainable and Eco-Friendly Materials from Termite Hill Soil Stabilized with Cement for Low-Cost Housing in Chad. <i>Buildings</i> , 2021 , 11, 86	3.2	5
205	Effect of cellulose pulp fibres on the physical, mechanical, and thermal performance of extruded earth-based materials. <i>Journal of Building Engineering</i> , 2021 , 39, 102259	5.2	7
204	Optimization of thermo-mechanical densification of bamboo. <i>Construction and Building Materials</i> , 2021 , 298, 123860	6.7	1
203	Superabsorbent ability polymer to reduce the bulk density of extruded cement boards. <i>Journal of Building Engineering</i> , 2021 , 43, 103130	5.2	
202	Influence of the fiber treatment and matrix modification on the durability of eucalyptus fiber reinforced composites. <i>Cement and Concrete Composites</i> , 2021 , 124, 104280	8.6	1
201	Scientific and technical studies on eco-efficient binary cements produced with thermally activated ichu grass: Behaviour and properties. <i>Cement and Concrete Composites</i> , 2020 , 111, 103613	8.6	3
200	Mechanical performance of fiber-reinforced alkali activated un-calcined earth-based composites. <i>Construction and Building Materials</i> , 2020 , 247, 118588	6.7	9
199	Quality assessment and mechanical characterization of preservative-treated Moso bamboo (<i>P. edulis</i>). <i>European Journal of Wood and Wood Products</i> , 2020 , 78, 257-270	2.1	9
198	Characterization of vegetable fibers and their application in cementitious composites 2020 , 141-167		3
197	Thermomechanical and Thermo-hydro-mechanical Treatments of Luffa Cylindrical Fibers. <i>Journal of Natural Fibers</i> , 2020 , 1-13	1.8	3
196	Amazonian tucum (<i>Astrocaryum chambira</i> Burret) leaf fiber and handcrafted yarn characterization. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	2
195	Elaboration of eco-efficient vegetable fibers reinforced cement-based composites using glass powder residue. <i>Cement and Concrete Composites</i> , 2020 , 110, 103599	8.6	8

194	Monitoring the dynamics of Portland cement hydration through photoluminescence and other correlated spectroscopy techniques. <i>Construction and Building Materials</i> , 2020 , 252, 119073	6.7	3
193	Statistical data on the physical and mechanical properties of fibre reinforced alkali activated uncalcined earth based composite. <i>Data in Brief</i> , 2020 , 28, 104839	1.2	4
192	Densification of Bamboo: State of the Art. <i>Materials</i> , 2020 , 13,	3.5	10
191	Optimizing the modified atmosphere parameters in the carbonation process for improved fiber-cement performance. <i>Journal of Building Engineering</i> , 2020 , 32, 101676	5.2	4
190	Cement-based corrugated sheets reinforced with polypropylene fibres subjected to a high-performance curing method. <i>Construction and Building Materials</i> , 2020 , 262, 120791	6.7	3
189	Treatments of residual pine strands: characterization and wood-cement-compatibility. <i>Journal of Wood Chemistry and Technology</i> , 2020 , 40, 396-407	2	1
188	Influence of cellulose pulp on the hydration followed by fast carbonation of MgO-based binders. <i>Journal of CO2 Utilization</i> , 2020 , 41, 101236	7.6	6
187	Production and Characterization of Pulp and Nanofibrillated Cellulose from Selected Tropical Plants. <i>Journal of Natural Fibers</i> , 2020 , 1-17	1.8	10
186	Trapezoidal core sandwich panel produced with sugarcane bagasse. <i>Construction and Building Materials</i> , 2020 , 264, 120718	6.7	5
185	OSB Panels with Balsa Wood Waste and Castor Oil Polyurethane Resin. <i>Waste and Biomass Valorization</i> , 2020 , 11, 743-751	3.2	7
184	A Comparative Study on the Pozzolanic Activity Between Bamboo Leaves Ash and Silica Fume: Kinetic Parameters. <i>Waste and Biomass Valorization</i> , 2020 , 11, 1627-1634	3.2	10
183	Lignocellulosic Materials for Fiber Cement Production. <i>Waste and Biomass Valorization</i> , 2020 , 11, 2193-2300	3.0	15
182	Assessment of Sisal Fiber Integrity as a Reinforcing Element in MgO-Based Cement Matrices. <i>Waste and Biomass Valorization</i> , 2020 , 11, 3045-3056	3.2	2
181	BOVINE WELFARE HANDLED IN ADAPTED CORRAL WITH UNCONVENTIONAL MATERIALS. <i>Engenharia Agricola</i> , 2019 , 39, 272-279	0.6	
180	Assessment of chemical and mechanical behavior of bamboo pulp and nanofibrillated cellulose exposed to alkaline environments. <i>Cellulose</i> , 2019 , 26, 9269-9285	5.5	7
179	Effect of disodium octaborate tetrahydrate on the mechanical properties of <i>Dendrocalamus asper</i> bamboo treated by vacuum/pressure method. <i>Journal of Wood Science</i> , 2019 , 65,	2.4	8
178	Bamboo particleboards: recent developments. <i>Pesquisa Agropecuaria Tropical</i> , 2019 , 49,	1.2	7
177	Use of ISO 22157 mechanical test methods and the characterisation of Brazilian <i>P. edulis</i> bamboo. <i>Construction and Building Materials</i> , 2019 , 228, 116728	6.7	23

176	Effects of fibre reinforcements on properties of extruded alkali activated earthen building materials. <i>Construction and Building Materials</i> , 2019 , 227, 116778	6.7	15
175	Pozzolanic Reaction of a Biomass Waste as Mineral Addition to Cement Based Materials: Studies by Nuclear Magnetic Resonance (NMR). <i>International Journal of Concrete Structures and Materials</i> , 2019 , 13,	2.8	3
174	Influence of the initial moisture content on the carbonation degree and performance of fiber-cement composites. <i>Construction and Building Materials</i> , 2019 , 215, 22-29	6.7	8
173	Potential use of sugarcane bagasse and bamboo leaf ashes for elaboration of green cementitious materials. <i>Journal of Cleaner Production</i> , 2019 , 231, 54-63	10.3	29
172	Impact of content and length of curau [^] fibers on mechanical behavior of extruded cementitious composites: Analysis of variance. <i>Cement and Concrete Composites</i> , 2019 , 102, 134-144	8.6	15
171	Adjusting curing parameters for innovative and durable vegetable fibre-cement composites. <i>Cement and Concrete Composites</i> , 2019 , 103, 121-133	8.6	5
170	Latex and rosin films as alternative waterproofing coatings for 3-layer sugarcane-bamboo-based particleboards. <i>Polymer Testing</i> , 2019 , 75, 284-290	4.5	3
169	Clinker-free CO ₂ cured steel slag based binder: Optimal conditions and potential applications. <i>Construction and Building Materials</i> , 2019 , 210, 413-421	6.7	24
168	Jute fibers and micro/nanofibrils as reinforcement in extruded fiber-cement composites. <i>Construction and Building Materials</i> , 2019 , 211, 517-527	6.7	35
167	Synergic effect of fiber and matrix treatments for vegetable fiber reinforced cement of improved performance. <i>Construction and Building Materials</i> , 2019 , 205, 52-60	6.7	21
166	Assessment of multilayer particleboards produced with green coconut and sugarcane bagasse fibers. <i>Construction and Building Materials</i> , 2019 , 205, 1-9	6.7	25
165	Extrudability of cement-based composites reinforced with curau [^] (Ananas erectifolius) or polypropylene fibers. <i>Construction and Building Materials</i> , 2019 , 205, 97-110	6.7	12
164	Effect of sepiolite addition on fibre-cement based on MgO-SiO ₂ systems. <i>Cement and Concrete Research</i> , 2019 , 124, 105816	10.3	2
163	Fiber-cement composites hydrated with carbonated water: Effect on physical-mechanical properties. <i>Cement and Concrete Research</i> , 2019 , 124, 105812	10.3	6
162	Development of unfired earthen building materials using muscovite rich soils and alkali activators. <i>Case Studies in Construction Materials</i> , 2019 , 11, e00262	2.7	11
161	Characterization and pozzolanic properties of sewage sludge ashes (SSA) by electrical conductivity. <i>Cement and Concrete Composites</i> , 2019 , 104, 103410	8.6	15
160	The influence of the initial moisture content on densification process of D. asper bamboo: Physical-chemical and bending characterization. <i>Construction and Building Materials</i> , 2019 , 229, 116896	6.7	14
159	STRUCTURAL PERFORMANCE OF MODULAR WOOD PANEL OF PLANTED FOREST AND PARTICLEBOARDS BASED ON SUGARCANE BAGASSE. <i>International Journal for Innovation Education and Research</i> , 2019 , 7, 374-384	0.1	

158	Effect of mineral additions on the microstructure and properties of blended cement matrices for fibre-cement applications. <i>Cement and Concrete Composites</i> , 2019 , 98, 49-60	8.6	19
157	Main Characteristics of Underexploited Amazonian Palm Fibers for Using as Potential Reinforcing Materials. <i>Waste and Biomass Valorization</i> , 2019 , 10, 3125-3142	3.2	2
156	Use of glass powder residue for the elaboration of eco-efficient cementitious materials. <i>Journal of Cleaner Production</i> , 2018 , 184, 333-341	10.3	21
155	Impact Modelling and A Posteriori Non-destructive Evaluation of Homogeneous Particleboards of Sugarcane Bagasse. <i>Journal of Nondestructive Evaluation</i> , 2018 , 37, 1	2.1	13
154	Eco-particleboard manufactured from chemically treated fibrous vascular tissue of acai (<i>Euterpe oleracea</i> Mart.) Fruit: A new alternative for the particleboard industry with its potential application in civil construction and furniture. <i>Industrial Crops and Products</i> , 2018 , 112, 644-651	5.9	19
153	Vegetable fiber as reinforcing elements for cement based composite in housing applications [a] Brazilian experience. <i>MATEC Web of Conferences</i> , 2018 , 149, 01007	0.3	3
152	Evaluation of pre-treatment efficiency on sugarcane bagasse fibers for the production of cement composites. <i>Archives of Civil and Mechanical Engineering</i> , 2018 , 18, 1092-1102	3.4	24
151	Evaluation of accelerated carbonation curing in cement-bonded balsa particleboard. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018 , 51, 1	3.4	6
150	Pozzolanic Characterization of Cuban Bamboo Leaf Ash: Calcining Temperature and Kinetic Parameters. <i>Waste and Biomass Valorization</i> , 2018 , 9, 691-699	3.2	13
149	Multilayer Particleboard Produced with Agroindustrial Waste and Amazonia Vegetable Fibres. <i>Waste and Biomass Valorization</i> , 2018 , 9, 1151-1161	3.2	13
148	Nanoindentation study of the interfacial zone between cellulose fiber and cement matrix in extruded composites. <i>Cement and Concrete Composites</i> , 2018 , 85, 1-8	8.6	24
147	Study of the production process of 3-layer sugarcane-bamboo-based particleboards. <i>Construction and Building Materials</i> , 2018 , 183, 618-625	6.7	10
146	Cement-Bonded Panels Produced with Sugarcane Bagasse Cured by Accelerated Carbonation. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018103	3	4
145	Potential of Jerusalem Artichoke (<i>Helianthus tuberosus</i> L.) stalks to produce cement-bonded particleboards. <i>Industrial Crops and Products</i> , 2018 , 122, 214-222	5.9	10
144	Formaldehyde-free particleboards using natural latex as the polymeric binder. <i>Journal of Cleaner Production</i> , 2018 , 195, 1259-1269	10.3	26
143	Vegetable fiber as reinforcing elements for cement based composite in housing applications [a] Brazilian experience. <i>MATEC Web of Conferences</i> , 2018 , 149, 01007	0.3	2
142	Nanofibrillated cellulose and cellulosic pulp for reinforcement of the extruded cement based materials. <i>Construction and Building Materials</i> , 2018 , 160, 376-384	6.7	35
141	Hot water treatment effect in the elephant grass ashes calcinated at different temperatures. <i>Revista Materia</i> , 2018 , 23,	0.8	1

140	Microscopic Chemical Characterization and Reactivity in Cementing Systems of Elephant Grass Leaf Ashes. <i>Microscopy and Microanalysis</i> , 2018 , 24, 593-603	0.5	1
139	Exploratory pre-industrial test linking FGM and Hatschek technologies for the manufacture of asbestos-free corrugated cementitious roof sheets. <i>Construction and Building Materials</i> , 2018 , 190, 975-984	6.7	4
138	Advances on the development of ternary cements elaborated with biomass ashes coming from different activation process. <i>Construction and Building Materials</i> , 2017 , 136, 73-80	6.7	15
137	Evaluation of the Effect of Accelerated Carbonation in Cement Bagasse Panels after Cycles of Wetting and Drying. <i>Journal of Materials in Civil Engineering</i> , 2017 , 29, 04017018	3	12
136	Improved interfacial transition zone between aggregate-cementitious matrix by addition sugarcane industrial ash. <i>Cement and Concrete Composites</i> , 2017 , 80, 157-167	8.6	29
135	Study of the degradation of non-conventional MgO-SiO ₂ cement reinforced with lignocellulosic fibers. <i>Cement and Concrete Composites</i> , 2017 , 80, 258-267	8.6	22
134	Introducing a curau [^] fiber reinforced cement-based composite with strain-hardening behavior. <i>Industrial Crops and Products</i> , 2017 , 103, 1-12	5.9	60
133	Potential of the hornification treatment on eucalyptus and pine fibers for fiber-cement applications. <i>Cellulose</i> , 2017 , 24, 2275-2286	5.5	37
132	Cellulose Associated with Pet Bottle Waste in Cement Based Composites. <i>Materials Research</i> , 2017 , 20, 1380-1387	1.5	9
131	Definition of optimal parameters for supercritical carbonation treatment of vegetable fiber-cement composites at a very early age. <i>Construction and Building Materials</i> , 2017 , 152, 424-433	6.7	15
130	Interfacial transition zone between lignocellulosic fiber and matrix in cement-based composites 2017 , 27-68		5
129	Effect of density and resin on the mechanical, physical and thermal performance of particleboards based on cement packaging. <i>Construction and Building Materials</i> , 2017 , 151, 414-421	6.7	9
128	Roughness study on homogeneous layer panels manufactured from treated wood waste. <i>Acta Scientiarum - Technology</i> , 2017 , 39, 27	0.5	4
127	Pain [^] ls de part [^] ãulas com maravalha de Pinus spp. e fibra de sisal. <i>Scientia Forestalis/Forest Sciences</i> , 2017 , 45,	1.1	3
126	Pain [^] ls aglomerados fabricados com res [^] ãuos do coco baba [^] ã. <i>Revista Brasileirade Ciencias Agrarias</i> , 2017 , 12, 202-209	1.1	2
125	AVALIA [^] ãO DO DESEMPENHO T [^] RMICO DE BEZERREIROS COM ECO-FORRO DE PART [^] ãULAS DE MADEIRA E FIBRA DE SISAL. <i>Brazilian Journal of Biosystems Engineering</i> , 2017 , 11, 217-228	0.1	1
124	Bamboo fiber at macro-, micro- and nanoscale for application as reinforcement. <i>Green Materials</i> , 2016 , 4, 41-52	3.2	9
123	Evaluation of mold growth on sugarcane bagasse particleboards in natural exposure and in accelerated test. <i>International Biodeterioration and Biodegradation</i> , 2016 , 115, 266-276	4.8	14

122	Rationalizing the impact of aging on fiber-matrix interface and stability of cement-based composites submitted to carbonation at early ages. <i>Journal of Materials Science</i> , 2016 , 51, 7929-7943	4.3	15
121	Optimization of the MgO SiO ₂ binding system for fiber-cement production with cellulosic reinforcing elements. <i>Materials and Design</i> , 2016 , 105, 251-261	8.1	23
120	Investigating the possible usage of elephant grass ash to manufacture the eco-friendly binary cements. <i>Journal of Cleaner Production</i> , 2016 , 116, 236-243	10.3	26
119	Characterization of vegetable fibers and their application in cementitious composites 2016 , 83-110		4
118	Grinding process for the production of nanofibrillated cellulose based on unbleached and bleached bamboo organosolv pulp. <i>Cellulose</i> , 2016 , 23, 2971-2987	5.5	46
117	Sustainable use of vegetable fibres and particles in civil construction 2016 , 477-520		6
116	Thermal insulating particle boards reinforced with coconut leaf sheaths. <i>Green Materials</i> , 2016 , 4, 31-40	3.2	4
115	Portland cement, gypsum and fly ash binder systems characterization for lignocellulosic fiber-cement. <i>Construction and Building Materials</i> , 2016 , 124, 208-218	6.7	19
114	Manufacture of particleboard based on cement bag and castor oil polyurethane resin. <i>Construction and Building Materials</i> , 2015 , 87, 8-15	6.7	16
113	Residual sisal fibers treated by methane cold plasma discharge for potential application in cement based material. <i>Industrial Crops and Products</i> , 2015 , 77, 691-702	5.9	24
112	Macro, Micro and Nanoscale Bamboo Fiber as a Potential Reinforcement for Composites. <i>Key Engineering Materials</i> , 2015 , 668, 11-16	0.4	6
111	Ternary Blended Cementitious Matrix for Vegetable Fiber Reinforced Composites. <i>Key Engineering Materials</i> , 2015 , 668, 3-10	0.4	3
110	Evaluation of cellulosic pulps treated by hornification as reinforcement of cementitious composites. <i>Construction and Building Materials</i> , 2015 , 100, 83-90	6.7	35
109	Supercritical carbonation treatment on extruded fibre-cement reinforced with vegetable fibres. <i>Cement and Concrete Composites</i> , 2015 , 56, 84-94	8.6	63
108	Cementitious Composites Reinforced with Kraft Pulping Waste. <i>Key Engineering Materials</i> , 2015 , 668, 390-398	0.4	7
107	Tururi palm fibrous material (<i>Manicaria saccifera</i> Gaertn.) characterization. <i>Green Materials</i> , 2015 , 3, 120-131	3.1	4
106	Study of the Potential Employment of Malvaceae Species in Composites Materials. <i>Key Engineering Materials</i> , 2015 , 668, 75-85	0.4	1
105	Use of Ceramic Sanitaryware as an Alternative for the Development of New Sustainable Binders. <i>Key Engineering Materials</i> , 2015 , 668, 172-180	0.4	12

104	Modification of eucalyptus pulp fiber using silane coupling agents with aliphatic side chains of different length. <i>Polymer Engineering and Science</i> , 2015 , 55, 1273-1280	2.3	10
103	Modular panel with wood and particleboards of sugarcane bagasse for cattle handling facilities. <i>Acta Scientiarum - Technology</i> , 2015 , 37, 3	0.5	3
102	Non-conventional cement-based composites reinforced with vegetable fibers: A review of strategies to improve durability. <i>Materiales De Construccion</i> , 2015 , 65, e041	1.8	18
101	POLPA CELUL^ SICA DE BAMBU PRODUZIDA PELO PROCESSO ETANOL/^ UUA PARA APLICA^ ES DE REFOR^ D. <i>Ciencia Florestal</i> , 2015 , 25,	1.1	11
100	PAINEL AGLOMERADO DE RES^ DUOS AGROINDUSTRIAIS. <i>Ciencia Florestal</i> , 2015 , 25,	1.1	4
99	Evaluation of the Effect of Drying and Rewetting Cycles in Eucalyptus Pulps. <i>International Journal of Engineering and Technology</i> , 2015 , 7, 397-400	0	2
98	Effect of accelerated carbonation on the microstructure and physical properties of hybrid fiber-cement composites. <i>Minerals Engineering</i> , 2014 , 59, 101-106	4.9	63
97	Potential of bamboo organosolv pulp as a reinforcing element in fiber/cement materials. <i>Construction and Building Materials</i> , 2014 , 72, 65-71	6.7	46
96	Characterization and properties of elephant grass ashes as supplementary cementing material in pozzolan/Ca(OH) ₂ pastes. <i>Construction and Building Materials</i> , 2014 , 73, 391-398	6.7	36
95	Mineralogical and microstructural changes promoted by accelerated carbonation and ageing cycles of hybrid fiber/cement composites. <i>Construction and Building Materials</i> , 2014 , 68, 750-756	6.7	50
94	Physico-chemical and anatomical characterization of residual lignocellulosic fibers. <i>Cellulose</i> , 2014 , 21, 3269-3277	5.5	20
93	Effect of colloidal silica on the mechanical properties of fiber/cement reinforced with cellulosic fibers. <i>Journal of Materials Science</i> , 2014 , 49, 7497-7506	4.3	19
92	Analysis of the stresses in corrugated sheets under bending. <i>Materials Research</i> , 2014 , 17, 338-345	1.5	6
91	Particleboards with waste wood from reforestation. <i>Acta Scientiarum - Technology</i> , 2014 , 36, 251	0.5	5
90	Thermal comfort zones for starter meat-type quails. <i>Brazilian Journal of Poultry Science</i> , 2014 , 16, 265-272		5
89	Study of hygral behavior of non-asbestos fiber cement made by similar hatschek process. <i>Materials Research</i> , 2014 , 17, 121-129	1.5	13
88	Density profile as a tool in assessing quality of new composite. <i>Materials Research</i> , 2014 , 17, 138-145	1.5	3
87	Forro ecol^ gico de res^ duos agroindustriais para galp^ Es av^ dolas. <i>Ciencia Rural</i> , 2014 , 44, 1466-1471	1.3	9

86	New Process for Peanut Husks Panels: Incorporation of Castor Oil Polyurethane Adhesive and Different Particle Sizes. <i>Key Engineering Materials</i> , 2014 , 600, 452-459	0.4	1
85	Particleboards with Agricultural Wastes: Sugar Cane Bagasse and Reforestation Wood. <i>Key Engineering Materials</i> , 2014 , 600, 667-676	0.4	5
84	Different ageing conditions on cementitious roofing tiles reinforced with alternative vegetable and synthetic fibres. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014 , 47, 433-446	3.4	11
83	THERMAL AND CHEMICAL TREATMENTS FOR REMOVAL OF ALKALI OXIDES OF ELEPHANT GRASS ASHES. <i>Quimica Nova</i> , 2014 ,	1.6	2
82	Qualidade do Ambiente A^ feo na Cria^ ão Inicial de Codornas de Corte em Fun^ ão de Diferentes Temperaturas. <i>Revista Engenharia Na Agricultura - REVENG</i> , 2014 , 22, 103-111	1.1	
81	Use of highly reactive rice husk ash in the production of cement matrix reinforced with green coconut fiber. <i>Industrial Crops and Products</i> , 2013 , 49, 88-96	5.9	43
80	Processing and dimensional changes of cement based composites reinforced with surface-treated cellulose fibres. <i>Cement and Concrete Composites</i> , 2013 , 37, 68-75	8.6	66
79	Mechanical and physical performance of low alkalinity cementitious composites reinforced with recycled cellulosic fibres pulp from cement kraft bags. <i>Industrial Crops and Products</i> , 2013 , 49, 422-427	5.9	32
78	Improved durability of vegetable fiber reinforced cement composite subject to accelerated carbonation at early age. <i>Cement and Concrete Composites</i> , 2013 , 42, 49-58	8.6	89
77	Properties of an Amazonian vegetable fiber as a potential reinforcing material. <i>Industrial Crops and Products</i> , 2013 , 47, 43-50	5.9	20
76	Pozzolanic behaviour of a bagasse ash from the boiler of a Cuban sugar factory. <i>Advances in Cement Research</i> , 2013 , 25, 136-142	1.8	17
75	Isocyanate-treated cellulose pulp and its effect on the alkali resistance and performance of fiber cement composites. <i>Holzforschung</i> , 2013 , 67, 853-861	2	25
74	Sugarcane bagasse and castor oil polyurethane adhesive-based particulate composite. <i>Materials Research</i> , 2013 , 16, 439-446	1.5	43
73	Cinza de palha de cana-de-a^ ão como adi^ ão mineral em fibrocimento. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2013 , 17, 1347-1354	0.9	5
72	Treatments of non-wood plant fibres used as reinforcement in composite materials. <i>Materials Research</i> , 2013 , 16, 903-923	1.5	49
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