

Holmer Savastano Junior

List of Publications by Citations

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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	Developments on vegetable fibre/cement based materials in S ^o Paulo, Brazil: an overview. <i>Cement and Concrete Composites</i> , 2005 , 27, 527-536	8.6	207
228	Brazilian waste fibres as reinforcement for cement-based composites. <i>Cement and Concrete Composites</i> , 2000 , 22, 379-384	8.6	192
227	Brazilian sugar cane bagasse ashes from the cogeneration industry as active pozzolans for cement manufacture. <i>Cement and Concrete Composites</i> , 2011 , 33, 490-496	8.6	157
226	Cellulose modified fibres in cement based composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2009 , 40, 2046-2053	8.4	145
225	Fracture and fatigue of natural fiber-reinforced cementitious composites. <i>Cement and Concrete Composites</i> , 2009 , 31, 232-243	8.6	122
224	Microstructure and mechanical properties of waste fibre/cement composites. <i>Cement and Concrete Composites</i> , 2005 , 27, 583-592	8.6	117
223	Transition zone studies of vegetable fibre-cement paste composites. <i>Cement and Concrete Composites</i> , 1999 , 21, 49-57	8.6	107
222	Pozzolanic behavior of bamboo leaf ash: Characterization and determination of the kinetic parameters. <i>Cement and Concrete Composites</i> , 2011 , 33, 68-73	8.6	105
221	Potential of alternative fibre cements as building materials for developing areas. <i>Cement and Concrete Composites</i> , 2003 , 25, 585-592	8.6	103
220	Effect of accelerated carbonation on cementitious roofing tiles reinforced with lignocellulosic fibre. <i>Construction and Building Materials</i> , 2010 , 24, 193-201	6.7	100
219	Plant fibre reinforced cement components for roofing. <i>Construction and Building Materials</i> , 1999 , 13, 433-438	6.7	96
218	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
217	Evaluation of mechanical, physical and thermal performance of cement-based tiles reinforced with vegetable fibers. <i>Construction and Building Materials</i> , 2008 , 22, 668-674	6.7	86
216	Eucalyptus pulp fibres as alternative reinforcement to engineered cement-based composites. <i>Industrial Crops and Products</i> , 2010 , 31, 225-232	5.9	82
215	Effects of calcining conditions on the microstructure of sugar cane waste ashes (SCWA): Influence in the pozzolanic activation. <i>Cement and Concrete Composites</i> , 2009 , 31, 22-28	8.6	78
214	Mechanically pulped sisal as reinforcement in cementitious matrices. <i>Cement and Concrete Composites</i> , 2003 , 25, 311-319	8.6	74
213	Particulate composite based on coconut fiber and castor oil polyurethane adhesive: An eco-efficient product. <i>Industrial Crops and Products</i> , 2012 , 40, 69-75	5.9	72

212	Performance and Durability of Cement Based Composites Reinforced with Refined Sisal Pulp. <i>Materials and Manufacturing Processes</i> , 2007 , 22, 149-156	4.1	72
211	Characterization and properties of blended cement matrices containing activated bamboo leaf wastes. <i>Cement and Concrete Composites</i> , 2012 , 34, 1019-1023	8.6	70
210	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
209	Effects of natural weathering on microstructure and mineral composition of cementitious roofing tiles reinforced with fique fibre. <i>Cement and Concrete Composites</i> , 2011 , 33, 225-232	8.6	65
208	Supercritical carbonation treatment on extruded fibre/cement reinforced with vegetable fibres. <i>Cement and Concrete Composites</i> , 2015 , 56, 84-94	8.6	63
207	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
206	Exploring the potential of functionally graded materials concept for the development of fiber cement. <i>Construction and Building Materials</i> , 2010 , 24, 140-146	6.7	63
205	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
204	Use of cellulose fibers from hemp core in fiber-cement production. Effect on flocculation, retention, drainage and product properties. <i>Industrial Crops and Products</i> , 2012 , 39, 89-96	5.9	59
203	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
202	Treatments of non-wood plant fibres used as reinforcement in composite materials. <i>Materials Research</i> , 2013 , 16, 903-923	1.5	49
201	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
200	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
199	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
198	Sugarcane bagasse and castor oil polyurethane adhesive-based particulate composite. <i>Materials Research</i> , 2013 , 16, 439-446	1.5	43
197	Long-term aging of fiber-cement corrugated sheets The effect of carbonation, leaching and acid rain. <i>Cement and Concrete Composites</i> , 2008 , 30, 255-265	8.6	41
196	Ground iron blast furnace slag as a matrix for cellulose-cement materials. <i>Cement and Concrete Composites</i> , 2001 , 23, 389-397	8.6	41
195	Potential of the hornification treatment on eucalyptus and pine fibers for fiber-cement applications. <i>Cellulose</i> , 2017 , 24, 2275-2286	5.5	37

194	Impact of bleaching pine fibre on the fibre/cement interface. <i>Journal of Materials Science</i> , 2012 , 47, 4167-4177	4.3	37
193	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
192	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
191	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
190	Fracture and resistance-curve behavior in hybrid natural fiber and polypropylene fiber reinforced composites. <i>Journal of Materials Science</i> , 2012 , 47, 2864-2874	4.3	35
189	Mechanical behavior of cement-based materials reinforced with sisal fibers. <i>Journal of Materials Science</i> , 2006 , 41, 6938-6948	4.3	35
188	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
187	Effect of fibre morphology on flocculation of fibre/cement suspensions. <i>Cement and Concrete Research</i> , 2009 , 39, 1017-1022	10.3	34
186	The effect of different mineral additions and synthetic fiber contents on properties of cement based composites. <i>Cement and Concrete Composites</i> , 2006 , 28, 555-563	8.6	33
185	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
184	Hybrid Reinforcement of Sisal and Polypropylene Fibers in Cement-Based Composites. <i>Journal of Materials in Civil Engineering</i> , 2011 , 23, 177-187	3	32
183	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
182	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
181	Extruded Cement Based Composites Reinforced with Sugar Cane Bagasse Fibres. <i>Key Engineering Materials</i> , 2012 , 517, 450-457	0.4	29
180	Alternative body sites for heat stress measurement in milking cows under tropical conditions and their relationship to the thermal discomfort of the animals. <i>International Journal of Biometeorology</i> , 2010 , 54, 647-52	3.7	27
179	Microstructure and mechanical properties of gypsum composites reinforced with recycled cellulose pulp. <i>Materials Research</i> , 2008 , 11, 391-397	1.5	27
178	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
177	Formaldehyde-free particleboards using natural latex as the polymeric binder. <i>Journal of Cleaner Production</i> , 2018 , 195, 1259-1269	10.3	26

176	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
175	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
174	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
173	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
172	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
171	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
170	Use of ISO 22157 mechanical test methods and the characterisation of Brazilian P. edulis bamboo. <i>Construction and Building Materials</i> , 2019 , 228, 116728	6.7	23
169	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
168	Respostas fisiológicas e produtivas de vacas holandesas em lactação submetidas a diferentes ambientes. <i>Revista Brasileira De Zootecnia</i> , 2004 , 33, 181-191	1.2	23
167	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
166	Effects of Methane Cold Plasma in Sisal Fibers. <i>Key Engineering Materials</i> , 2012 , 517, 458-468	0.4	22
165	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
164	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
163	Physico-chemical and anatomical characterization of residual lignocellulosic fibers. <i>Cellulose</i> , 2014 , 21, 3269-3277	5.5	20
162	Properties of an Amazonian vegetable fiber as a potential reinforcing material. <i>Industrial Crops and Products</i> , 2013 , 47, 43-50	5.9	20
161	Propriedades de partículas à base de bagaço de cana e resina de mamona [produto] e propriedades. <i>Acta Scientiarum - Technology</i> , 2011 , 33,	0.5	20
160	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
159	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

158	Viabilidade do aproveitamento de resíduos de fibras vegetais para fins de obtenção de material de construção. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2000 , 4, 103-110	0.9	19
157	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
156	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
155	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
154	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
153	Índices de conforto térmico e respostas fisiológicas de bezerros da raça holandesa em bezerreiros individuais com diferentes coberturas. <i>Engenharia Agrícola</i> , 2005 , 25, 598-607	0.6	17
152	Sisal organosolv pulp as reinforcement for cement based composites. <i>Materials Research</i> , 2009 , 12, 305-314	3.4	17
151	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
150	Resíduos de sisal como reforço em compósitos de polipropileno virgem e reciclado. <i>Polimeros</i> , 2011 , 21, 90-97	1.6	16
149	Study of the pozzolanic reaction kinetics in sugar cane bagasse fly ash/calcium hydroxide system: kinetic parameters and pozzolanic activity. <i>Advances in Cement Research</i> , 2009 , 21, 23-30	1.8	16
148	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
147	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
146	Impact of content and length of curauí fibers on mechanical behavior of extruded cementitious composites: Analysis of variance. <i>Cement and Concrete Composites</i> , 2019 , 102, 134-144	8.6	15
145	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
144	Characterization and pozzolanic properties of sewage sludge ashes (SSA) by electrical conductivity. <i>Cement and Concrete Composites</i> , 2019 , 104, 103410	8.6	15
143	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
142	Lignocellulosic Materials for Fiber Cement Production. <i>Waste and Biomass Valorization</i> , 2020 , 11, 2193-2200	3.00	15
141	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

140	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
139	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
138	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
137	Multilayer Particleboard Produced with Agroindustrial Waste and Amazonia Vegetable Fibres. <i>Waste and Biomass Valorization</i> , 2018 , 9, 1151-1161	3.2	13
136	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
135	Thermal performance of sisal fiber-cement roofing tiles for rural constructions. <i>Scientia Agricola</i> , 2011 , 68, 1-7	2.5	13
134	Durabilidade de comp ^o Bito biomassa vegetal-cimento modificado por pol ^o Etnero. <i>Engenharia Agricola</i> , 2006 , 26, 344-353	0.6	13
133	Evaluation of the Effect of Accelerated Carbonation in CementBagasse Panels after Cycles of Wetting and Drying. <i>Journal of Materials in Civil Engineering</i> , 2017 , 29, 04017018	3	12
132	Extrudability of cement-based composites reinforced with curau ^o (Ananas erectifolius) or polypropylene fibers. <i>Construction and Building Materials</i> , 2019 , 205, 97-110	6.7	12
131	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
130	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
129	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
128	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
127	Efici ^o Bcia t ^o Imica de telhas onduladas de fibrocimento aplicadas em abrigos individuais para bezerros expostos ao sol e ^o Bombra. <i>Ciencia Rural</i> , 2012 , 42, 64-67	1.3	11
126	Evaluation of Pulps from Natural Fibrous Material for Use as Reinforcement in Cement Product. <i>Materials and Manufacturing Processes</i> , 2004 , 19, 963-978	4.1	11
125	POLPA CELUL ^o BICA DE BAMBU PRODUZIDA PELO PROCESSO ETANOL/ ^o BUA PARA APLICA ^o BES DE REFOR ^o D. <i>Ciencia Florestal</i> , 2015 , 25,	1.1	11
124	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
123	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

122	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
121	Densification of Bamboo: State of the Art. <i>Materials</i> , 2020 , 13,	3.5	10
120	Production and Characterization of Pulp and Nanofibrillated Cellulose from Selected Tropical Plants. <i>Journal of Natural Fibers</i> , 2020 , 1-17	1.8	10
119	A Comparative Study on the Pozzolan Activity Between Bamboo Leaves Ash and Silica Fume: Kinetic Parameters. <i>Waste and Biomass Valorization</i> , 2020 , 11, 1627-1634	3.2	10
118	Mechanical performance of fiber-reinforced alkali activated un-calcined earth-based composites. <i>Construction and Building Materials</i> , 2020 , 247, 118588	6.7	9
117	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
116	Cellulose Associated with Pet Bottle Waste in Cement Based Composites. <i>Materials Research</i> , 2017 , 20, 1380-1387	1.5	9
115	Bamboo fiber at macro-, micro- and nanoscale for application as reinforcement. <i>Green Materials</i> , 2016 , 4, 41-52	3.2	9
114	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
113	Forro ecol�gico de res�duos agroindustriais para galp�es av�colas. <i>Ciencia Rural</i> , 2014 , 44, 1466-1471	1.3	9
112	Special Issue on Inorganic-bonded Fiber Composites. <i>Construction and Building Materials</i> , 2010 , 24, 129	6.7	9
111	Weathering of vegetable fibre-clinker free cement composites. <i>Materials and Structures/Materiaux Et Constructions</i> , 2002 , 35, 64-68	3.4	9
110	Carbonata�o acelerada efetuada nas primeiras idades em comp�sitos ciment�cios refor�ados com polpas celul�sicas. <i>Ambiente Construido</i> , 2010 , 10, 233-246	0.4	9
109	Painel em Madeira de Reflorestamento e Chapas de Part�culas para Instala�es Rurais. <i>Floresta E Ambiente</i> , 2012 , 19, 171-178	1	9
108	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
107	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
106	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
105	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

104	Desempenho de telhas de escória de alto forno e fibras vegetais em protótipos de galpões. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2008 , 12, 536-539	0.9	8
103	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
102	Bamboo particleboards: recent developments. <i>Pesquisa Agropecuaria Tropical</i> , 2019 , 49,	1.2	7
101	Cementitious Composites Reinforced with Kraft Pulping Waste. <i>Key Engineering Materials</i> , 2015 , 668, 390-398	0.4	7
100	Rice husk derived waste materials as partial cement replacement in lightweight concrete. <i>Ciencia E Agrotecnologia</i> , 2012 , 36, 567-578	1.6	7
99	OSB Panels with Balsa Wood Waste and Castor Oil Polyurethane Resin. <i>Waste and Biomass Valorization</i> , 2020 , 11, 743-751	3.2	7
98	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
97	Macro, Micro and Nanoscale Bamboo Fiber as a Potential Reinforcement for Composites. <i>Key Engineering Materials</i> , 2015 , 668, 11-16	0.4	6
96	Evaluation of accelerated carbonation curing in cement-bonded balsa particleboard. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018 , 51, 1	3.4	6
95	Fiber-cement composites hydrated with carbonated water: Effect on physical-mechanical properties. <i>Cement and Concrete Research</i> , 2019 , 124, 105812	10.3	6
94	Analysis of the stresses in corrugated sheets under bending. <i>Materials Research</i> , 2014 , 17, 338-345	1.5	6
93	Surface properties of eucalyptus pulp fibres as reinforcement of cement-based composites. <i>Holzforschung</i> , 2010 , 64,	2	6
92	Viabilidade técnica de produção e propriedades de painéis de partículas de casca de amendoim. <i>Revista Materia</i> , 2013 , 18, 1286-1293	0.8	6
91	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
90	Sustainable use of vegetable fibres and particles in civil construction 2016 , 477-520		6
89	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
88	Adjusting curing parameters for innovative and durable vegetable fibre-cement composites. <i>Cement and Concrete Composites</i> , 2019 , 103, 121-133	8.6	5
87	Interfacial transition zone between lignocellulosic fiber and matrix in cement-based composites 2017 , 27-68		5

86	Particleboards with waste wood from reforestation. <i>Acta Scientiarum - Technology</i> , 2014 , 36, 251	0.5	5
85	Thermal comfort zones for starter meat-type quails. <i>Brazilian Journal of Poultry Science</i> , 2014 , 16, 265-272		5
84	Particleboards with Agricultural Wastes: Sugar Cane Bagasse and Reforestation Wood. <i>Key Engineering Materials</i> , 2014 , 600, 667-676	0.4	5
83	Cinza de palha de cana-de-açúcar como aditivo mineral em fibrocimento. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2013 , 17, 1347-1354	0.9	5
82	Durability Evaluation of Agro-Industrial Waste-Based Particle Boards Using Accelerated Aging Cycling Tests. <i>Key Engineering Materials</i> , 2012 , 517, 628-634	0.4	5
81	Avaliação do microclima de instalações para gado de leite com diferentes recursos de climatização. <i>Engenharia Agrícola</i> , 2004 , 24, 263-273	0.6	5
80	Estimativa de correlações entre medidas morfológicas, peso do ovo e peso de filhotes de emas criados em cativeiro. <i>Ciencia Rural</i> , 2005 , 35, 678-683	1.3	5
79	Trapezoidal core sandwich panel produced with sugarcane bagasse. <i>Construction and Building Materials</i> , 2020 , 264, 120718	6.7	5
78	Alkali activation of compacted termite mound soil for eco-friendly construction materials. <i>Heliyon</i> , 2021 , 7, e06597	3.6	5
77	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
76	Cement-Bonded Panels Produced with Sugarcane Bagasse Cured by Accelerated Carbonation. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018103	3	4
75	Roughness study on homogeneous layer panels manufactured from treated wood waste. <i>Acta Scientiarum - Technology</i> , 2017 , 39, 27	0.5	4
74	Tururi palm fibrous material (<i>Manicaria saccifera</i> Gaertn.) characterization. <i>Green Materials</i> , 2015 , 3, 120-131	3.21	4
73	Sustainability of vegetable fibres in construction 2009 , 55-81		4
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