

AndrÃ© L Christoforo

List of Publications by Year in descending order

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251
papers

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489802

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251
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimensionamento de vigas protendidas contínuas pelo método das cargas equivalentes. Revista Principia, 2023, 60, 713.	0.1	0
2	Influência da rigidez do solo e de parâmetros geométricos no desempenho mecânico de blocos sobre estacas. Revista Principia, 2023, 60, 407.	0.1	0
3	Análise da representatividade e da densidade aparente como estimadoras do módulo de elasticidade da classe C60 da NBR7190:1997. Ambiente Construído, 2022, 22, 139-146.	0.2	1
4	Production of mahogany particleboards using branches and wood residues. Ambiente Construído, 2022, 22, 191-199.	0.2	1
5	Evaluation of moisture content variation on strength and stiffness properties of Cedrella sp. wood specie. REM: International Engineering Journal, 2022, 75, 111-116.	0.2	0
6	Effect of fatigue on tropical wood species. Ambiente Construído, 2022, 22, 187-198.	0.2	1
7	Correlation between natural and artificial aging in particleboards. Ambiente Construído, 2022, 22, 233-245.	0.2	0
8	Análise da representatividade da resistência ao cisalhamento paralelo às fibras da classe C60 da norma brasileira de estruturas de madeira. Revista Materia, 2022, 27, .	0.1	0
9	Effect of CCB Treatment and Alternative Adhesive Content on Physical and Mechanical Performance of Particleboards. Floresta E Ambiente, 2022, 29, .	0.1	0
10	Influence of Moisture on Physical and Mechanical Properties of Pouteria Pachycarpa Wood. Floresta E Ambiente, 2022, 29, .	0.1	0
11	Residual Mechanical Properties and Durability of High-Strength Concrete with Polypropylene Fibers in High Temperatures. Materials, 2022, 15, 4711.	1.3	1
12	Is the Timber Construction Sector Prepared for E-Commerce via Instagram? A Perspective from Brazil. Sustainability, 2022, 14, 8683.	1.6	2
13	Estimativa da resistência e da rigidez à compressão paralela às fibras da madeira de Pinus sp. pela colorimetria. Ambiente Construído, 2021, 21, 149-160.	0.2	2
14	Calibration of Concrete Damaged Plasticity Model parameters for shear walls. Revista Materia, 2021, 26, .	0.1	5
15	Inducement of residual stresses in WC-5%Co cutting inserts by plunge-face grinding. International Journal of Advanced Manufacturing Technology, 2021, 113, 553-563.	1.5	3
16	Castor oil based polyurethane adhesive content on OSSB produced with soybean straw. Ambiente Construído, 2021, 21, 23-36.	0.2	1
17	Humidity and specimen preparation procedure: influence on compressive strength of concrete blocks. Revista IBRACON De Estruturas E Materiais, 2021, 14, .	0.3	1
18	USE OF RESIDUES FROM THE CELLULOSE INDUSTRY AND SUGARCANE BAGASSE IN PARTICLEBOARDS. Engenharia Agricola, 2021, 41, 107-111.	0.2	3

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19	Influence of provenance on physical and mechanical properties of Angelim-pedra (<i>Hymenolobium</i>) Tj ETQq1 1 0.784314 rgBT ₄ /Overlo	1.3	4
20	Fatigue design in reinforced concrete bridges according to Brazilian code. <i>International Journal for Innovation Education and Research</i> , 2021, 9, 257-279.	0.0	0
21	Circular vs. linear economy of building materials: A case study for particleboards made of recycled wood and biopolymer vs. conventional particleboards. <i>Construction and Building Materials</i> , 2021, 285, 122906.	3.2	44
22	State of the Art of Microwave Treatment of Wood: Literature Review. <i>Forests</i> , 2021, 12, 745.	0.9	10
23	The artificialization in the sediment profiles of the streams in the Água Branca basin " Itirapina, São Paulo, Brazil. <i>Journal of Environmental Management</i> , 2021, 290, 112610.	3.8	2
24	Deslocamentos excessivos em coberturas de madeira como condicionantes de patologias. <i>Ambiente ConstruÁdo</i> , 2021, 21, 147-158.	0.2	0
25	Modelagem numÁrica comparativa da ponte Florestinha, construÁda em madeira e concreto. <i>Ambiente ConstruÁdo</i> , 2021, 21, 295-304.	0.2	0
26	Evaluation of <i>Eucalyptus microcorys</i> wood properties. <i>Advances in Forestry Science</i> , 2021, 7, 1197-1202.	0.0	1
27	Estimativa de propriedades da madeira Mandioqueira pela frequÃncia natural de vibraÃÃo e pela densidade aparente. <i>Revista Materia</i> , 2021, 26, .	0.1	1
28	Influence of moisture content on physical and mechanical properties of <i>Cedrelinga catenaeformis</i> wood. <i>BioResources</i> , 2021, 16, 6758-6765.	0.5	6
29	PARTICLEBOARD PRODUCED WITH CHROMATED COPPER ARSENATE- AND BORATE-TREATED CAIXETA WOOD: A TECHNICAL FEASIBILITY STUDY. <i>Engenharia Agrícola</i> , 2021, 41, 567-575.	0.2	2
30	Difficulties of wooden housing production sector in Brazil. <i>Wood Material Science and Engineering</i> , 2020, 15, 87-96.	1.1	14
31	Embedding strength of Brazilian woods and recommendation for the Brazilian standard. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2020, 173, 948-955.	0.4	1
32	Life cycle assessment of a hot-pressing machine to manufacture particleboards: hotspots, environmental indicators, and solutions. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 1059-1077.	2.2	10
33	Hybrid polymer composites made of sugarcane bagasse fibres and disposed rubber particles. <i>Polymers and Polymer Composites</i> , 2020, , 096739112094345.	1.0	4
34	Influence of the bonding of rebar dowel with adhesive on wood-concrete composite specimens. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2020, 173, 904-913.	0.4	4
35	Evaluation of mechanical strengths of tropical hardwoods: proposal of probabilistic models. <i>European Journal of Wood and Wood Products</i> , 2020, 78, 757-766.	1.3	4
36	Wood consumption and fixations of carbon dioxide and carbon from timber housing techniques: A Brazilian panorama. <i>Energy and Buildings</i> , 2020, 216, 109960.	3.1	15

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37	Sixteen properties of Eucalyptus Tereticornis wood for structural uses. Bioscience Journal, 2020, 36, .	0.4	8
38	Analysis of relations between the moduli of elasticity in compression, tension, and static bending of hardwoods. BioResources, 2020, 15, 3278-3288.	0.5	4
39	Use of sugarcane bagasse and industrial timber residue in particleboard production. BioResources, 2020, 15, 4753-4762.	0.5	20
40	APPARENT DENSITY AS AN ESTIMATOR OF WOOD PROPERTIES OBTAINED IN TESTS WHERE FAILURE IS FRAGILE. Engenharia Agricola, 2020, 40, 105-112.	0.2	8
41	Analytical study of the curve of static bending test for wood specimens. Ambiente Construído, 2020, 20, 325-332.	0.2	1
42	SHEAR STRENGTH ESTIMATION MODEL FOR TROPICAL WOOD SPECIES. , 2020, 65, 175-182.		3
43	Influência dos parâmetros de fabricação nas Propriedades Físicas e Mecânicas de Paineis de Partícula de Madeira Densidade. Revista Materia, 2020, 25, .	0.1	1
44	INFLUENCE OF FATIGUE ON BENDING OF Pinus caribaea WOOD. Engenharia Agricola, 2020, 40, 238-242.	0.2	1
45	Investigation of the fiber saturation point of tropical Brazilian wood species. BioResources, 2020, 15, 5379-5387.	0.5	3
46	Relações entre propriedades de rigidez para distintas solicitações mecânicas visando projetos de estruturas de madeira. Ambiente Construído, 2020, 20, 25-35.	0.2	1
47	Relação entre a resistência ao cisalhamento e a resistência à compressão paralela às fibras de madeiras folhosas. Ambiente Construído, 2020, 20, 319-327.	0.2	7
48	Influence of Physical and Chemical Components on the Physical-Mechanical Properties of Ten Brazilian Wood Species. Materials Research, 2020, 23, .	0.6	3
49	Comparative Study Between Theoretical and Experimental Values of Dimensional Quantities for Tropical Brazilian Wood. Revista Materia, 2020, 25, .	0.1	0
50	Avaliação do efeito da fadiga no módulo de elasticidade na flexão de painéis de madeira compensada. Revista Materia, 2020, 25, .	0.1	0
51	Evaluation of <i>Eucalyptus triantha</i> Timber for Structural Applications. Silva Lusitana, 2020, 28, 1-13.	0.1	0
52	Comparação entre módulos de deformação de concretos nacionais produzidos com agregados graúdos de diferentes origens mineralógicas. Revista Materia, 2020, 25, .	0.1	1
53	Modelos para estimativa das propriedades mecânicas de compressão e tração na direção paralela às fibras. Ambiente Construído, 2020, 20, 263-276.	0.2	2
54	ESTIMATION OF WOOD TOUGHNESS IN BRAZILIAN TROPICAL TREE SPECIES. Engenharia Agricola, 2020, 40, 232-237.	0.2	7

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55	Painel MDP com resina poliuretana à base de óleo de mamona com adição de cimento. Ambiente Construído, 2020, 20, 661-669.	0.2	1
56	INFLUENCE OF EXPOSURE TIME TO OPERATING TEMPERATURE ON SHEAR STRENGTH OF WOOD USED IN ROOF STRUCTURES. Engenharia Agrícola, 2019, 39, 365-369.	0.2	0
57	Influence of the apparent density on the shrinkage of 43 tropical wood species. Acta Scientiarum - Technology, 2019, 41, 30947.	0.4	3
58	Particleboards from CCB-Treated <i>Pinus</i> sp. Wastes and Castor Oil Resin: Morphology Analyses and Physical-Mechanical Properties. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	4
59	ESTIMATION OF THE CHARACTERISTIC VALUE OF WOOD STRENGTH. Engenharia Agrícola, 2019, 39, 127-132.	0.2	5
60	Investigations on sustainable honeycomb sandwich panels containing eucalyptus sawdust, Piassava and cement particles. Thin-Walled Structures, 2019, 143, 106191.	2.7	22
61	Latex and rosin films as alternative waterproofing coatings for 3-layer sugarcane-bamboo-based particleboards. Polymer Testing, 2019, 75, 284-290.	2.3	5
62	Physical and mechanical properties of Eucalyptus saligna wood for timber structures. Ambiente Construído, 2019, 19, 233-239.	0.2	10
63	Structural performance analysis of cross-laminated timber-bamboo (CLTB). BioResources, 2019, 14, 5045-5058.	0.5	19
64	Heat transfer and physical-mechanical properties analysis of particleboard produced with ZnO nanoparticles addition. BioResources, 2019, 14, 9904-9915.	0.5	18
65	ESTIMATION OF TENSILE STRENGTH PARALLEL TO GRAIN OF WOOD SPECIES. Engenharia Agrícola, 2019, 39, 533-536.	0.2	4
66	EVALUATION OF THE <i>Peltophorum vogelianum</i> Benth. WOOD SPECIES FOR STRUCTURAL USE. Engenharia Agrícola, 2019, 39, 763-768.	0.2	5
67	Caracterização de painéis de partículas de média densidade feitos com resina poliuretana monocomponente à base de mamona. Ambiente Construído, 2019, 19, 37-43.	0.2	6
68	Painel híbrido OSB/MDP de madeira <i>Pinus taeda</i> e resina poliuretana à base de óleo de mamona. Ambiente Construído, 2019, 19, 7-14.	0.2	5
69	Painéis híbridos de lâminas e partículas de madeira para uso estrutural. Ambiente Construído, 2019, 19, 15-23.	0.2	4
70	Mechanical properties of accelerated aging particleboards. Scientia Forestalis/Forest Sciences, 2019, 47, .	0.2	3
71	Evaluation of the Potential Use of Oiticica-Amarela Wood for Structural Applications. International Journal of Materials Engineering, 2019, 9, 23-27.	1.0	2
72	Influence of treatment with water-soluble CCB preservative on the physical-mechanical properties of brazilian tropical timber. Materials Research, 2019, 22, .	0.6	3

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73	Estimativa da resistência característica à tração da madeira na direção paralela às fibras por meio de modelos probabilísticos. Revista Materia, 2019, 24, .	0.1	1
74	MORPHOLOGICAL AND ELEMENTARY EVALUATION OF WOODEN CARBONACEOUS MATERIALS FROM ACTIVATED CARBON INDUSTRY. Nativa, 2019, 7, 213.	0.2	0
75	Acoustic absorption and thermal insulation of wood panels: Influence of porosity. BioResources, 2019, 14, 3746-3757.	0.5	20
76	ENERGETIC PERFORMANCE OF A PORTABLE COOKING STOVE PROTOTYPE FOR NINE Eucalyptus SPECIES. Nativa, 2019, 7, 771.	0.2	0
77	Eco-particleboard manufactured from chemically treated fibrous vascular tissue of acai (Euterpe) in civil construction and furniture. Industrial Crops and Products, 2018, 112, 644-651.	2.5	39
78	Physical performance of particleboards using Castor oil-based adhesive. Revista Brasileira De Engenharia Agrícola E Ambiental, 2018, 22, 707-712.	0.4	5
79	PARTICLEBOARDS PRODUCED WITH EPOXY INK WASTE AND BTH POLYMER AS ADHESIVES. Engenharia Agrícola, 2018, 38, 797-804.	0.2	1
80	Effect of service temperature on shear strength of Pinus wood for roof structures. Acta Scientiarum - Technology, 2018, 40, 30913.	0.4	8
81	WOOD UTILIZATION OF Eucalyptus grandis IN STRUCTURAL ELEMENTS: DENSITIES AND MECHANICAL PROPERTIES. Engenharia Agrícola, 2018, 38, 642-647.	0.2	9
82	Hybrid Sandwich Particleboard Made with Sugarcane, Pinus Taeda Thermally Treated and Malva Fibre from Amazon. Materials Research, 2018, 21, .	0.6	9
83	Effect of Alternative Wood Species and First Thinning Wood on Oriented Strand Board Performance. Advances in Materials Science and Engineering, 2018, 2018, 1-7.	1.0	3
84	Impact Behaviour of Hybrid Carbon Fibre Composites Reinforced with Silica Micro- and Functionalized Nanoparticles. Nano Hybrids and Composites, 2018, 21, 1-9.	0.8	2
85	Study of the production process of 3-layer sugarcane-bamboo-based particleboards. Construction and Building Materials, 2018, 183, 618-625.	3.2	16
86	Wood-based composite made of wood waste and epoxy based ink-waste as adhesive: A cleaner production alternative. Journal of Cleaner Production, 2018, 193, 549-562.	4.6	74
87	Characterization of Eucalyptus maidenii Timber for Structural Application: Physical and Mechanical Properties at Two Moisture Conditions. South-East European Forestry, 2018, 9, .	0.1	1
88	Influence of the Procurement Site on Physical and Mechanical Properties of Cupiaba Wood Species. BioResources, 2018, 13, .	0.5	7
89	Efeitos das intempéries na rugosidade de painéis de partículas de Pinus sp.. Ambiente Construindo, 2018, 18, 227-238.	0.2	2
90	Stress Distribution in Tauari Wood Beam. International Journal of Materials Engineering, 2018, 8, 5-11.	1.0	3

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91	Properties of Eucalyptus umbra Wood for Timber Structures. International Journal of Materials Engineering, 2018, 8, 12-15.	1.0	7
92	Physical and Mechanical Characterization of Copaifera sp. Wood Specie. International Journal of Materials Engineering, 2018, 8, 55-58.	1.0	9
93	Design and Execution of Wood-concrete Deck Bridge. Current Journal of Applied Science and Technology, 2018, 28, 1-10.	0.3	4
94	Evaluation of Stiffness in Compression Perpendicular to Grain of Brazilian Tropical Wood Species. Current Journal of Applied Science and Technology, 2018, 28, 1-7.	0.3	3
95	Comparison of Anchorage Strength of Bonded-In Steel Bars with Epoxy Resin, Varying the Superficial Treatments and Moisture after Bonding, Using Corymbia citriodora Wood. Current Journal of Applied Science and Technology, 2018, 28, 1-6.	0.3	3
96	Evaluation of the Number of Load Cycles to Determine Some Wood Stiffness Properties. Current Journal of Applied Science and Technology, 2018, 29, 1-7.	0.3	1
97	Physical and Mechanical Characterization of Cedrelinga catenaeformis Ducke Wood Specie. International Journal of Materials Engineering, 2018, 8, 97-100.	1.0	1
98	Behavior of Shear Connectors Formed by Bonded-in "X" Type Steel Bars in Wood-Concrete Specimens. Current Journal of Applied Science and Technology, 2018, 28, 1-8.	0.3	3
99	Influência do tempo de prensagem em propriedades físicas e mecânicas de painéis MDP. Scientia Forestalis/Forest Sciences, 2018, 46, .	0.2	0
100	Propriedades físicas e mecânicas da madeira Tatajuba (Bagassa guianensis) proveniente de duas diferentes regiões brasileiras. Revista Materia, 2018, 23, .	0.1	2
101	Machinery from Brazilian Wooden Housing Production: Size and Overall Obsolescence. BioResources, 2018, 13, .	0.5	6
102	MODELOS DE PREVISÃO DO TEOR DE UMIDADE MÁXIMO E DO PESO ESPECÍFICO SECO MÁXIMO PARA SOLOS FINOS. REEC: Revista Eletrônica De Engenharia Civil, 2018, 15, 183-193.	0.1	0
103	Hybrid silica micro and PDDA/nanoparticles-reinforced carbon fibre composites. Journal of Composite Materials, 2017, 51, 783-795.	1.2	10
104	<i>Pinus caribaea</i> var. <i>hondurensis</i> Wood Impregnated with Methyl Methacrylate. Journal of Materials in Civil Engineering, 2017, 29, .	1.3	4
105	Epoxy mortar timber beam upgrading. International Wood Products Journal, 2017, 8, 146-154.	0.6	5
106	Sustainable sandwich composite structures made from aluminium sheets and disposed bottle caps. Thin-Walled Structures, 2017, 120, 38-45.	2.7	27
107	Apparent shear strength of hybrid glass fibre reinforced composite joints. Polymer Testing, 2017, 64, 307-312.	2.3	14
108	Hybrid glass fibre reinforced composites containing silica and cement microparticles based on a design of experiment. Polymer Testing, 2017, 57, 87-93.	2.3	21

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109	FULL CHARACTERIZATION OF CALYCOPHYLLUM MULTIFLORUM WOOD SPECIE. Engenharia Agricola, 2017, 37, 637-643.	0.2	11
110	Confiabilidade estrutural de uma ponte protendida de madeira considerando o tráfego real. Ambiente Construído, 2017, 17, 221-232.	0.2	4
111	Roughness study on homogeneous layer panels manufactured from treated wood waste. Acta Scientiarum - Technology, 2017, 39, 27.	0.4	5
112	Shear and longitudinal modulus of elasticity in wood: relations based on static bending tests. Acta Scientiarum - Technology, 2017, 39, 433.	0.4	13
113	Hybrid composites reinforced with short sisal fibres and micro ceramic particles. Revista Materia, 2017, 22, .	0.1	0
114	PHYSICAL-MECHANICAL CHARACTERIZATION OF Eucalyptus urophylla WOOD. Engenharia Agricola, 2017, 37, 900-906.	0.2	19
115	TIMBER BEAM REPAIR BASED ON POLYMER-CEMENTITIOUS BLENDS. Engenharia Agricola, 2017, 37, 366-375.	0.2	6
116	PHYSICO-MECHANICAL CHARACTERIZATION OF THE Anadenanthera colubrine WOOD SPECIE. Engenharia Agricola, 2017, 37, 376-384.	0.2	17
117	Density as Estimator of Dimensional Stability Quantities of Brazilian Tropical Woods. BioResources, 2017, 12, .	0.5	28
118	A Preliminary Study about the Utilization of Cajueiro and Amescla for MDP Panels Production. International Journal of Materials Engineering, 2017, 7, 21-24.	1.0	3
119	Pull out Strength Evaluation of Steel Bars Bonded-in to 45° in Round Timbers of Corymbia citriodora Treated with CCA. International Journal of Materials Engineering, 2017, 7, 25-32.	1.0	2
120	Alternative Woods in Framework Arc for Pedestrian Footbridge. International Journal of Materials Engineering, 2017, 7, 68-76.	1.0	1
121	Timber Use in Truss Structures for Roof (‘‘Howe’’ Type ‘‘ 8 to 18 Meters). International Journal of Materials Engineering, 2017, 7, 93-99.	1.0	5
122	Toughness and Impact Strength in Dynamic Bending of Wood as a Function of the Modulus of Elasticity and the Strength in Compression to the Grain. International Journal of Materials Engineering, 2017, 7, 61-67.	1.0	3
123	AVALIAÇÃO DE PROPRIEDADES FÍSICAS E MECÂNICAS DE MADEIRAS DE JATOBÁ (Hymenaea stilbocarpa) Tj ETQq1 1 0.784314 rg	0.5	21
124	BIOLOGICAL RESISTANCE OF THERMALLY TREATED Corymbia citriodora (Hook.) K.D. Hill & L.A.S. Johnson E Pinus taeda L. WOODS AGAINST XYLOPHAGOUS TERMÍTES. Revista Arvore, 2016, 40, 535-541.	0.5	2
125	Influence of nails size and layout to obtain the reduction coefficient of moment of inertia for timber beams with composite cross section. Engenharia Agricola, 2016, 36, 715-723.	0.2	1
126	Elasticity moduli in round wooden beams of Pinus caribaea. Engenharia Agricola, 2016, 36, 566-570.	0.2	1

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127	Classification of Wooden Housing Building Systems. <i>BioResources</i> , 2016, 11, .	0.5	35
128	Homogeneous Pinus sp. particle boards reinforced with laminated composite materials. <i>Engenharia Agrícola</i> , 2016, 36, 558-565.	0.2	8
129	Characterization of particleboards produced with Pinus spp. waste. <i>Scientia Forestalis/Forest Sciences</i> , 2016, 44, .	0.2	1
130	Painéis OSB de madeira Pinus sp. e adição de partículas de polipropileno biorientado (BOPP). <i>Scientia Forestalis/Forest Sciences</i> , 2016, 44, .	0.2	2
131	Shrinkage for Some Wood Species Estimated by Density. <i>International Journal of Materials Engineering</i> , 2016, 6, 23-27.	1.0	17
132	Repair Methods Indication for a Timber Coverage Structure Located in Sinop City - Brazil. <i>International Journal of Materials Engineering</i> , 2016, 6, 39-46.	1.0	3
133	Influence of Lamellar Thickness on Strength and Stiffness of Glued Laminated Timber Beams of Pinus oocarpa. <i>International Journal of Materials Engineering</i> , 2016, 6, 51-55.	1.0	5
134	Mechanical Properties of Paricá Wood Using Structural Members and Clear Specimens. <i>International Journal of Materials Engineering</i> , 2016, 6, 56-59.	1.0	4
135	Evaluation of Shear Strength and Cyclic Delamination of Paricá (Schizolobium amazonicum) Glued Laminated Timber. <i>International Journal of Materials Engineering</i> , 2016, 6, 60-65.	1.0	4
136	Density as Estimator of Strength in Compression Parallel to the Grain in Wood. <i>International Journal of Materials Engineering</i> , 2016, 6, 67-71.	1.0	18
137	Comparative Study of Wood Consumption in Structures of Concrete Roof. <i>International Journal of Materials Engineering</i> , 2016, 6, 85-91.	1.0	1
138	Full Characterization of Vatairea sp Wood Specie. <i>International Journal of Materials Engineering</i> , 2016, 6, 92-96.	1.0	9
139	Density as Estimator of Shrinkage for Some Brazilian Wood Species. <i>International Journal of Materials Engineering</i> , 2016, 6, 107-112.	1.0	12
140	Historic "Half-Timber" Roofs in Poços de Caldas in Brazil. <i>International Journal of Materials Engineering</i> , 2016, 6, 113-118.	1.0	2
141	Aspects of Mechanical Stress Grading for Structural Timber. <i>International Journal of Materials Engineering</i> , 2016, 6, 119-125.	1.0	3
142	Full Characterization of Erisma uncinatum Warm Wood Specie. <i>International Journal of Materials Engineering</i> , 2016, 6, 147-150.	1.0	16
143	Physical Properties of OSB Panels Manufactured with CCA and CCB Treated Schizolobium amazonicum and Bonded with Castor Oil Based Polyurethane Resin. <i>International Journal of Materials Engineering</i> , 2016, 6, 151-154.	1.0	11
144	Resistência à tração de emendas dentadas de madeira de Manilkara huberi para o emprego em madeira laminada colada. <i>Ambiente Construído</i> , 2016, 16, 221-227.	0.2	9

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145	Propriedades mecânicas de painéis produzidos com lascas de madeira em três diferentes comprimentos. <i>Scientia Forestalis/Forest Sciences</i> , 2016, 44, .	0.2	2
146	Determinação da rigidez de <i>Pinus elliottii</i> em diferentes teores de umidade por meio de ensaios mecânicos não destrutivos. <i>Scientia Forestalis/Forest Sciences</i> , 2016, 44, .	0.2	5
147	Brazilian Criteria Ultimate Limit States Verifications for Glulam Girders and Glulam Transversal Deck Panels Bridges. <i>International Journal of Materials Engineering</i> , 2016, 6, 134-145.	1.0	1
148	AVALIAÇÃO NUMÉRICA DO MÓDULO DE ELASTICIDADE EM VIGAS ROLÍÇAS DE MADEIRA DA ESPÉCIE <i>Pinus elliottii</i> . <i>Ciencia Florestal</i> , 2016, 26, 1271-1279.	0.1	2
149	Painéis de partículas homogêneas fabricados com resíduos lignocelulósicos e resina alternativa para aplicação em pisos. <i>Scientia Forestalis/Forest Sciences</i> , 2016, 44, .	0.2	6
150	The Recycling of Sugarcane Fiber/Polypropylene Composites. <i>Materials Research</i> , 2015, 18, 690-697.	0.6	12
151	Propriedades físicas de painéis aglomerados de madeira produzidos com adição de película de polipropileno biorientado. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2015, 19, 674-679.	0.4	9
152	Influence of growth ring orientation of some wood species to obtain toughness. <i>Revista Escola De Minas</i> , 2015, 68, 265-271.	0.1	5
153	Evaluation of the Moisture Content in Stiffness Properties of Structural Glulam Beams. <i>Advanced Materials Research</i> , 2015, 1088, 676-679.	0.3	2
154	Application of Life Cycle Assessment (LCA) and Design of Experiments (DOE) to the Monitoring and Control of a Grinding Process. <i>Procedia CIRP</i> , 2015, 29, 508-513.	1.0	12
155	Evaluation of the Tensile Modulus of Elasticity in Parallel Direction to the Grain for <i>Eucalyptus grandis</i> Wood Specie. <i>Advanced Materials Research</i> , 2015, 1088, 599-602.	0.3	2
156	Influence of the Number of Load Cycles to Obtain the Stiffness Properties of <i>Angico Preto</i> (<i>Anadenanthera macrocarpa</i>) Wood Specie. <i>Advanced Materials Research</i> , 2015, 1088, 669-671.	0.3	0
157	Influence of Portland Cement Addition in the Physical and Mechanical Properties of Epoxy Resin. <i>Advanced Materials Research</i> , 2015, 1088, 411-414.	0.3	3
158	Environmental performance assessment of the melamine-urea-formaldehyde (MUF) resin manufacture: a case study in Brazil. <i>Journal of Cleaner Production</i> , 2015, 96, 299-307.	4.6	66
159	Hybrid glass fibre reinforced composites with micro and poly-diallyldimethylammonium chloride (PDDA) functionalized nano silica inclusions. <i>Materials & Design</i> , 2015, 65, 543-549.	5.1	37
160	INFLUÊNCIA DA POSIÇÃO DOS INSTRUMENTOS DE MEDIDA NA DETERMINAÇÃO DO MÓDULO DE ELASTICIDADE DA MADEIRA NA COMPRESSÃO PARALELA ÀS FIBRAS (ECO). <i>Revista Arvore</i> , 2015, 39, 743-749.	0.5	7
161	Produção de chapas de partículas com resíduos de madeira <i>Cordia goeldiana</i> . <i>Engenharia Agrícola</i> , 2015, 35, 368-377.	0.2	4
162	Painéis OSB fabricados com madeiras da caatinga do nordeste do Brasil. <i>Ambiente Construindo</i> , 2015, 15, 41-48.	0.2	9

#	ARTICLE	IF	CITATIONS
163	Theoretical and Experimental Studies of Timber Composite Beams Reinforced by Cold Formed Steel Sheets. <i>International Journal of Materials Engineering</i> , 2015, 5, 50-63.	1.0	3
164	Determination of Density, Shear and Compression Parallel to the Grain Strengths of Pariri (<i>Pouteria</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	8
165	Avaliação das estruturas de cobertura em madeira de um galpão de estoque de produtos químicos. <i>Ambiente Construído</i> , 2014, 14, 75-85.	0.2	13
166	Módulo de elasticidade aparente em vigas rolíneas estruturais de madeira <i>Pinus elliottii</i> . <i>Ambiente Construído</i> , 2014, 14, 7-13.	0.2	5
167	Comparação entre valores de ensaios experimentais e calculados da resistência ao embutimento da madeira de <i>Pinus taeda</i> L.. <i>Revista Arvore</i> , 2014, 38, 347-352.	0.5	3
168	Evaluation of modulus of elasticity in static bending of particleboards manufactured with <i>Eucalyptus grandis</i> wood and oat hulls. <i>Acta Scientiarum - Technology</i> , 2014, 36, 405.	0.4	6
169	Influência da variação do tamanho de grão austenítico na qualidade superficial no processo de microfresamento do aço AISI H13 endurecido. <i>Revista Materia</i> , 2014, 19, 235-246.	0.1	1
170	Self-Tapping Screws without Pre-Drilling for Brazilian Reforestation Species. <i>Advanced Materials Research</i> , 2014, 1025-1026, 345-348.	0.3	0
171	Evaluation of Bamboo Particleboards Produced with Urea-Formaldehyde Resin. <i>Advanced Materials Research</i> , 2014, 1025-1026, 432-435.	0.3	2
172	Physical Characterization of Particleboard Produced with Waste from Ethanol and Sugar Mill. <i>Advanced Materials Research</i> , 2014, 1025-1026, 436-439.	0.3	0
173	Influence of Proportion Polyol/Pre-Polymer Castor-Oil Resin Components in Static Bending Properties of Particleboards Produced with <i>Pinus</i> . <i>Advanced Materials Research</i> , 2014, 884-885, 667-670.	0.3	12
174	Medium Density Particleboard (MDF) Produced with <i>Pinus caribaea</i> Fibers and Castor Oil Based Polyurethane Resin. <i>Advanced Materials Research</i> , 2014, 1025-1026, 13-16.	0.3	5
175	Particulate Composites with Wastes from Treated Wood and Tire Rubber. <i>Advanced Materials Research</i> , 2014, 1025-1026, 288-291.	0.3	2
176	Modulus of Elasticity of <i>Schizolobium amazonicum</i> Wood Evaluated by Transversal Vibration Technique. <i>Advanced Materials Research</i> , 2014, 912-914, 247-250.	0.3	4
177	Investigations on Wood-Plastic Composites Reinforced With Silica Particles Using Design of Experiment. <i>Journal of Testing and Evaluation</i> , 2014, 42, 339-346.	0.4	2
178	Análise de viabilidade econômica de três sistemas produtivos de carvão vegetal por diferentes métodos. <i>Revista Arvore</i> , 2014, 38, 185-193.	0.5	7
179	Tenacidade da madeira como função da densidade aparente. <i>Revista Arvore</i> , 2014, 38, 203-207.	0.5	23
180	Painéis de partículas provenientes de rejeitos de <i>Pinus</i> sp. tratado com preservante cca e resina derivada de biomassa. <i>Revista Arvore</i> , 2014, 38, 339-346.	0.5	15

#	ARTICLE	IF	CITATIONS
181	Alternative methodology for calculating the modulus of elasticity of wooden beams of structural dimensions. <i>Engenharia Agrícola</i> , 2014, 34, 153-160.	0.2	6
182	Painéis aglomerados fabricados com mistura de partículas de madeiras tropicais. <i>Ambiente Construído</i> , 2014, 14, 103-112.	0.2	10
183	Mechanical Properties of OSB Wood Composites with Resin Derived from a Renewable Natural Resource. <i>International Journal of Composite Materials</i> , 2014, 4, 157-161.	0.3	7
184	Evaluation of the Shear Effect to Determine the Longitudinal Modulus of Elasticity in <i>Corymbia Citriodora</i> Round Timber Beams. <i>International Journal of Materials Engineering</i> , 2014, 4, 37-40.	1.0	3
185	Permeability of Paricá (<i>Schizolobium amazonicum</i> herb.) Wood Species from the Amazon Region. <i>International Journal of Materials Engineering</i> , 2014, 4, 83-87.	1.0	1
186	Evaluation of Quality in the Adhesion of Glued Laminated Timber (Glulam) of Paricá and Lyptus Wood Species. <i>International Journal of Materials Engineering</i> , 2014, 4, 114-118.	1.0	10
187	Avaliação da qualidade energética e ambiental de fogão a lenha portátil para a cidade de Irati/Pr. <i>Journal of Biotechnology and Biodiversity</i> , 2014, 5, 182-193.	0.1	1
188	Anisotropy Influence in Obtaining Stiffness Property in Bending of Brazilian Wood Species. <i>International Journal of Materials Engineering</i> , 2014, 4, 92-96.	1.0	3
189	Influência do teor de umidade na propriedade de tenacidade de espécies florestais. <i>Floresta E Ambiente</i> , 2014, 21, 501-508.	0.1	2
190	Medium Density Particleboard Reinforced with Bamboo Laminas. <i>BioResources</i> , 2014, 10, .	0.5	3
191	Evaluation of Compacted Cementitious Composites for Porous Bearings. <i>International Journal of Applied Ceramic Technology</i> , 2013, 10, 474-483.	1.1	5
192	Particleboard Manufactured with Bicomponent Polyurethane Resin Base on Castor Oil. <i>International Journal of Composite Materials</i> , 2013, 2, 115-118.	0.3	7
193	Materiais compósitos particulados em matriz epóxi reforçados com serragem, cimento e silicato de magnésio. <i>Ambiente Construído</i> , 2013, 13, 285-302.	0.2	6
194	Módulo de elasticidade em vigas de madeira de dimensões estruturais pelo método dos momentos quadrados. <i>Revista Arvore</i> , 2013, 37, 981-988.	0.5	2
195	Metodologia para o cálculo dos módulos de elasticidade longitudinal e transversal em vigas de madeira de dimensões estruturais. <i>Ciencia Rural</i> , 2013, 43, 610-615.	0.3	17
196	Painéis de partículas de madeira leucena e resina poliuretana derivada de óleo de mamona. <i>Ciencia Rural</i> , 2013, 43, 1399-1404.	0.3	7
197	Investigations on cementitious composites based on rubber particle waste additions. <i>Materials Research</i> , 2013, 16, 259-268.	0.6	28
198	An Approach to Define the Heat Flow in Drilling with Different Cooling Systems Using Finite Element Analysis. <i>Advances in Mechanical Engineering</i> , 2013, 5, 612747.	0.8	5

#	ARTICLE	IF	CITATIONS
199	Wood Preservation Based on Neem Oil: Evaluation of Fungicidal and Termiticidal Effectiveness. Forest Products Journal, 2013, 63, 202-206.	0.2	7
200	Caracterização completa da madeira da espécie amazônica Paricá (Schizolobium amazonicum Herb) em peças de dimensões estruturais. Revista Arvore, 2013, 37, 1175-1181.	0.5	36
201	Oat hulls as addition to high density panels production. Materials Research, 2013, 16, 1355-1361.	0.6	23
202	Addition of Impregnated Paper Residue to Produce MDP Wood Panel: Example of Solid Waste Recycling. International Journal of Materials Engineering, 2013, 2, 75-79.	1.0	4
203	Painéis MDF produzidos com resina poliuretana à base de óleo de mamona. Várices, 2013, 15, 7-19.	0.1	5
204	Micromechanical analysis of hybrid composites reinforced with unidirectional natural fibres, silica microparticles and maleic anhydride. Materials Research, 2012, 15, 1003-1012.	0.6	26
205	Hybrid polymeric composites reinforced with sisal fibres and silica microparticles. Composites Part B: Engineering, 2012, 43, 3436-3444.	5.9	62
206	Full factorial design analysis of carbon nanotube polymer-cement composites. Materials Research, 2012, 15, 573-580.	0.6	17
207	Emprego de ferramentas numéricas na avaliação do módulo de elasticidade em vigas roliças de madeira. Engenharia Agrícola, 2012, 32, 971-980.	0.2	3
208	Experimental Evaluation of the Employment of a Laminated Composite Material with Sisal Fibres as Reinforcement in Timber Beams. International Journal of Composite Materials, 2012, 2, 97-100.	0.3	7
209	Numerical Evaluation of Longitudinal Modulus of Elasticity of Eucalyptus grandis Timber Beams. International Journal of Agriculture and Forestry (Print), 2012, 2, 166-170.	1.0	10
210	Cement - steatite composites reinforced with carbon fibres: an alternative for restoration of brazilian historical buildings. Materials Research, 2011, 14, 118-123.	0.6	8
211	Influence of stiffness in bolted connections in wooden plane structure of truss type. Engenharia Agrícola, 2011, 31, 998-1006.	0.2	4
212	Numerical evaluation of the modulus of longitudinal elasticity in structural round timber elements of the Eucalyptus genus. Engenharia Agrícola, 2011, 31, 1007-1014.	0.2	12
213	The position effect of structural Eucalyptus round timber on the flexural modulus of elasticity. Engenharia Agrícola, 2011, 31, 1219-1225.	0.2	10
214	Ultrasonic Pulse Velocity Evaluation of Cementitious Materials. , 0, , .		33
215	Evaluation of Longitudinal Modulus of Elasticity in Wood Species for Structural Application. Advanced Materials Research, 0, 1025-1026, 192-195.	0.3	1
216	Embedment Strength of Pinus Wood to Metal Pins. Advanced Materials Research, 0, 884-885, 653-656.	0.3	5

#	ARTICLE	IF	CITATIONS
217	Hardness of the <i>Schizolobium amazonicum</i> Wood. Advanced Materials Research, 0, 912-914, 2018-2021.	0.3	1
218	Particleboard Produced with Sawmill Waste of Different Wood Species. Advanced Materials Research, 0, 884-885, 689-693.	0.3	14
219	Evaluating a Test Parameter in Static Bending for <i>Pinus sp.</i>. Wood. Advanced Materials Research, 0, 1025-1026, 196-199.	0.3	1
220	Influence of Storage Period of Pieces in Stiffness of <i>Pinus elliottii</i> Glulam Beams. Advanced Materials Research, 0, 1025-1026, 64-67.	0.3	2
221	Medium Density Particleboard with Addition of Impregnated Paper. Advanced Materials Research, 0, 1025-1026, 543-546.	0.3	0
222	Thermal Insulation Particleboards Made with Wastes from Wood and Tire Rubber. Key Engineering Materials, 0, 668, 263-269.	0.4	2
223	EFFECT OF ARTIFICIAL WEATHERING ON PHYSICAL AND MECHANICAL PROPERTIES OF WOOD. Revista Arvore, 0, 45, .	0.5	1
224	Sandwich Structures Made of Discarded Bottle Caps Core and Hybrid Glass Fibre Composite Skins. Applied Composite Materials, 0, , 1.	1.3	2
225	Densidade aparente e frequência de vibrações como estimadores das propriedades de resistência e de rigidez à flexão de painéis OSSB. Revista Principia, 0, , .	0.1	0
226	Influência dos modelos idealizados de ligações no dimensionamento de treliças Howe de madeira. Revista Principia, 0, , .	0.1	0
227	Análise de pisos intertravados com substituição do agregado miúdo por resíduo de construção e demolição. Revista Principia, 0, , .	0.1	1
228	Estudo comparativo sobre o projeto estrutural de lajes nervuradas e maciças em concreto armado na situação de incêndio. Revista Principia, 0, , .	0.1	0
229	Simulação numérica de barras em dupla cantoneira enrijecida formadas a frio com travejamento em quadro submetidas à compressão. Revista Principia, 0, , .	0.1	0
230	Análise físico-mecânica de compósitos madeira-cimento e uso de modelos micro mecânicos na previsão de suas propriedades. Revista Principia, 0, , .	0.1	0
231	Influência da adição de RCD misto na resistência à compressão e na porosidade de argamassa. Revista Principia, 0, , .	0.1	0
232	Sustainable scheduling: Development and application of an integrated method combining NEH heuristic and life cycle assessment. International Journal of Sustainable Engineering, 0, , 1-15.	1.9	3
233	Wood characterization of Eucalyptus paniculata Smith species. Revista Principia, 0, , .	0.1	0
234	Desempenho de painéis de partículas produzidos com resíduos de madeira tratada submetidos ao intemperismo natural. Revista Principia, 0, , .	0.1	0

#	ARTICLE	IF	CITATIONS
235	Contribuição da rigidez e flexão da laje treliçada para a estabilidade global da estrutura. Revista Principia, 0, , .	0.1	0
236	Análise de incrementos de resistência e flexão simples em elementos de concreto armado reforçados pelas técnicas de encamisamento, chapas de aço e EBR com polímeros reforçados com fibras de carbono (CFRP). Revista Principia, 0, , .	0.1	0
237	Análise não linear geométrica de treliças planas de madeira a partir do método dos elementos finitos posicional. Revista Principia, 0, , .	0.1	0
238	Variação da capacidade resistente de vigas de madeira em situação de incêndio. Revista Principia, 0, , .	0.1	0
239	INFLUENCE OF COMMERCIAL THERMAL TREATMENT ON Eucalyptus grandis Hill ex Maiden WOOD PROPERTIES. Revista Arvore, 0, 45, .	0.5	0
240	INFLUENCE OF REINFORCEMENT ON WOOD TENSILE STRENGTH SUBMITTED TO WEATHERING. Revista Arvore, 0, 45, .	0.5	0
241	Technical Feasibility Study of the Use of Softwoods in Lattice Structure – Type for Roofing (Gaps between 8-18 Meters). Current Journal of Applied Science and Technology, 0, , 1-8.	0.3	2
242	A utilização de um software livre para determinação dos esforços internos de cargas móveis em vigas de pontes de concreto. Holos, 0, 3, 1-18.	0.0	1
243	INVESTIGAÇÃO NUMÉRICA DA IMPORTÂNCIA DE ARMADURAS DE FRETAGEM EM VIGAS PÓS-TRACIONADAS NÃO ADERENTES. Holos, 0, 3, 1-18.	0.0	2
244	Avaliação da viabilidade de produção de painéis de partículas fabricados com maravalhas integrais de Pinus e adesivo ureia-formaldeído. Revista Principia, 0, , .	0.1	0
245	AVALIAÇÃO DA ADOÇÃO DE ESPECIFICAÇÕES QUANTO À ESTABILIDADE NO CÁLCULO DE TORRE DE ESCALADA PARA NORMA BRASILEIRA DE PROJETOS EM MADEIRA. Holos, 0, 6, 1-23.	0.0	0
246	Análise experimental e numérica de uma grelha lamelar plana de madeira. Holos, 0, 7, 1-13.	0.0	0
247	Physico-Chemical Characterization of Tropical Wood Species for Use and Production of Grilling Planks. Materials Research, 0, 25, .	0.6	0
248	INFLUENCE OF MOISTURE CONTENT ON PHYSICAL AND MECHANICAL PROPERTIES OF Vatairea SP WOOD. Revista Arvore, 0, 46, .	0.5	1
249	COMPARATIVE ANALYSIS OF THE MECHANICAL PERFORMANCE OF TIMBER TRUSSES STRUCTURAL TYPOLOGIES APPLYING COMPUTATIONAL INTELLIGENCE. Revista Arvore, 0, 46, .	0.5	2
250	INFLUENCE OF THE TIMBER ELASTIC MODULUS ON THE GEOMETRIC NONLINEAR STRUCTURAL ANALYSIS OF TRUSS ARCHES. Revista Arvore, 0, 46, .	0.5	0
251	Potencial de reciclagem de resíduos de madeira e cinza de caldeira de biomassa em um material composto cimento. Revista Principia, 0, , .	0.1	0