

Vinicius Aquino

List of Publications by Year in descending order

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53
papers

152
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#	ARTICLE	IF	CITATIONS
1	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.	7.2	44
2	Use of sugarcane bagasse and industrial timber residue in particleboard production. <i>BioResources</i> , 2020, 15, 4753-4762.	1.0	20
3	Physical and Mechanical Characterization of <i>Copaifera</i> sp. Wood Specie. <i>International Journal of Materials Engineering</i> , 2018, 8, 55-58.	1.0	9
4	APPARENT DENSITY AS AN ESTIMATOR OF WOOD PROPERTIES OBTAINED IN TESTS WHERE FAILURE IS FRAGILE. <i>Engenharia Agricola</i> , 2020, 40, 105-112.	0.7	8
5	Influence of moisture content on physical and mechanical properties of <i>Cedrelinga catenaeformis</i> wood. <i>BioResources</i> , 2021, 16, 6758-6765.	1.0	6
6	Models to estimate longitudinal compressive strength of Brazilian hardwood based on apparent density. <i>BioResources</i> , 2020, 16, 1373-1381.	1.0	5
7	EVALUATION OF THE <i>Peltophorum vogelianum</i> Benth. WOOD SPECIES FOR STRUCTURAL USE. <i>Engenharia Agricola</i> , 2019, 39, 763-768.	0.7	5
8	Evaluation of mechanical strengths of tropical hardwoods: proposal of probabilistic models. <i>European Journal of Wood and Wood Products</i> , 2020, 78, 757-766.	2.9	4
9	Influence of provenance on physical and mechanical properties of <i>Angelim-pedra</i> (<i>Hymenolobium</i>) Tj ETQq1 1 0.784314 rgBT ₄ /Overlo	2.9	4
10	Analysis of relations between the moduli of elasticity in compression, tension, and static bending of hardwoods. <i>BioResources</i> , 2020, 15, 3278-3288.	1.0	4
11	Paineis hÃ¡bridos de lÃ¡minas e partÃculas de madeira para uso estrutural. <i>Ambiente ConstruÃdo</i> , 2019, 19, 15-23.	0.4	4
12	Addition of sugarcane bagasse for the production of particleboards bonded with urea-formaldehyde and polyurethane resins. <i>Wood Research</i> , 2020, 65, 727-736.	0.6	4
13	Adobe Soil-Cement Bricks Reinforced with Recycled Kraft Paper Fibers. <i>International Journal of Materials Engineering</i> , 2018, 8, 101-108.	1.0	4
14	USE OF RESIDUES FROM THE CELLULOSE INDUSTRY AND SUGARCANE BAGASSE IN PARTICLEBOARDS. <i>Engenharia Agricola</i> , 2021, 41, 107-111.	0.7	3
15	Alternative model to determine the characteristic strength value of wood in the compression parallel to the grain. <i>Maderas: Ciencia Y Tecnologia</i> , 2020, , 0-0.	0.7	3
16	Investigation of the fiber saturation point of tropical Brazilian wood species. <i>BioResources</i> , 2020, 15, 5379-5387.	1.0	3
17	PHYSICAL AND MECHANICAL CHARACTERIZATION OF <i>PLANCHONELLA PACHYCARPA</i> WOOD SPECIES FOR USE IN STRUCTURAL PURPOSE. <i>Wood Research</i> , 2021, 66, 267-276.	0.6	2
18	Carbon fiber-reinforced polymers as a tensile reinforcement of the <i>Pinus elliotti</i> and <i>Manilkara huberi</i> wood species. <i>Maderas: Ciencia Y Tecnologia</i> , 2020, , 0-0.	0.7	2

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19	Investigation of pore size distribution by mercury intrusion porosimetry (MIP) technique applied on different OSB panels. <i>BioResources</i> , 2021, 16, 6661-6668.	1.0	2
20	PARTICLEBOARD PRODUCED WITH CHROMATED COPPER ARSENATE- AND BORATE-TREATED CAIXETA WOOD: A TECHNICAL FEASIBILITY STUDY. <i>Engenharia Agricola</i> , 2021, 41, 567-575.	0.7	2
21	EFFECT OF ARTIFICIAL WEATHERING ON PHYSICAL AND MECHANICAL PROPERTIES OF WOOD. <i>Revista Arvore</i> , 0, 45, .	0.5	1
22	Influence of harvest region on properties of <i>Cambarã</i> wood. <i>Maderas: Ciencia Y Tecnologia</i> , 0, 23, .	0.7	1
23	Physical and Mechanical Characterization of <i>Cedrelinga catenaeformis</i> Ducke Wood Specie. <i>International Journal of Materials Engineering</i> , 2018, 8, 97-100.	1.0	1
24	Determination of Physical and Mechanical Properties of Wood Specie <i>Dinizia excelsa</i> Ducke. <i>International Journal of Materials Engineering</i> , 2018, 8, 158-161.	1.0	1
25	Shear Strength of Joints in Glued Laminated Timber: Normative Verification of Bibliography Results. <i>International Journal of Materials Engineering</i> , 2018, 8, 152-157.	1.0	1
26	Influência dos parâmetros de fabricação nas Propriedades Físicas e Mecânicas de Painéis de Partícula de Máxima Densidade. <i>Revista Materia</i> , 2020, 25, .	0.2	1
27	Relações entre propriedades de rigidez para distintas solicitações mecânicas visando projetos de estruturas de madeira. <i>Ambiente Construído</i> , 2020, 20, 25-35.	0.4	1
28	Análise da representatividade e da densidade aparente como estimadoras do módulo de elasticidade da classe C60 da NBR7190:1997. <i>Ambiente Construído</i> , 2022, 22, 139-146.	0.4	1
29	Production of mahogany particleboards using branches and wood residues. <i>Ambiente Construído</i> , 2022, 22, 191-199.	0.4	1
30	Evaluation of CCB-preserved medium density particleboards under natural weathering. <i>BioResources</i> , 2020, 15, 3678-3687.	1.0	1
31	Painel MDP com resina poliuretana à base de óleo de mamona com adição de cimento. <i>Ambiente Construído</i> , 2020, 20, 661-669.	0.4	1
32	INFLUENCE OF MOISTURE CONTENT ON PHYSICAL AND MECHANICAL PROPERTIES OF <i>Vatairea</i> SP WOOD. <i>Revista Arvore</i> , 0, 46, .	0.5	1
33	Effect of fatigue on tropical wood species. <i>Ambiente Construído</i> , 2022, 22, 187-198.	0.4	1
34	Estimation of compression and shrinkage properties of Brazilian tropical timber through porosimetry analysis by mercury intrusion. <i>BioResources</i> , 2022, 17, 519-526.	1.0	1
35	Influência dos modelos idealizados de ligações no dimensionamento de treliças Howe de madeira. <i>Revista Principia</i> , 0, , .	0.1	0
36	INFLUENCE OF STIFFNESS RELATED TO THE C40 STRENGTH CLASS OF THE HARDWOOD GROUP ESTABLISHED BY THE BRAZILIAN STANDARD IN THE DESIGN OF TIMBER STRUCTURES. <i>Wood Research</i> , 2021, 66, 582-594.	0.6	0

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37	Contribuição da rigidez à flexão da laje treliçada para a estabilidade global da estrutura. Revista Principia, 0, , .	0.1	0
38	INFLUENCE OF COMMERCIAL THERMAL TREATMENT ON Eucalyptus grandis Hill ex Maiden WOOD PROPERTIES. Revista Arvore, 0, 45, .	0.5	0
39	INFLUENCE OF REINFORCEMENT ON WOOD TENSILE STRENGTH SUBMITTED TO WEATHERING. Revista Arvore, 0, 45, .	0.5	0
40	Comparative Analysis of Static Bending Test and Constitutive Modeling of Simarouba amara Aubl. Wood Specie. International Journal of Materials Engineering, 2018, 8, 28-34.	1.0	0
41	Civil Construction Residue Management on Public Constructions in Barra do Garças City - Brazil. International Journal of Materials Engineering, 2018, 8, 109-119.	1.0	0
42	Proof Load Test on Bridges and Viaducts: A Bibliography Analysis. International Journal of Materials Engineering, 2018, 8, 120-127.	1.0	0
43	Adobe Soil-Lime Bricks Reinforced with Kraft Paper Fibers. International Journal of Materials Engineering, 2018, 8, 128-133.	1.0	0
44	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
45	Physico-Chemical Characterization of Tropical Wood Species for Use and Production of Grilling Planks. Materials Research, 0, 25, .	1.3	0
46	Avaliação do efeito da fadiga no módulo de elasticidade na flexão de painéis de madeira compensada. Revista Materia, 2020, 25, .	0.2	0
47	Influence of roof slope on timber consumption in plane trusses design. BioResources, 2021, 16, 6750-6757.	1.0	0
48	Chemical evaluation of two tropical wood species for use as grilling planks. BioResources, 2021, 16, 8219-8226.	1.0	0
49	Evaluation of moisture content variation on strength and stiffness properties of Cedrella sp. wood specie. REM: International Engineering Journal, 2022, 75, 111-116.	0.4	0
50	Correlation between natural and artificial aging in particleboards. Ambiente Construído, 2022, 22, 233-245.	0.4	0
51	Análise da representatividade da resistência ao cisalhamento paralelo às fibras da classe C60 da norma brasileira de estruturas de madeira. Revista Materia, 2022, 27, .	0.2	0
52	Effect of CCB Treatment and Alternative Adhesive Content on Physical and Mechanical Performance of Particleboards. Floresta E Ambiente, 2022, 29, .	0.4	0
53	Influence of Moisture on Physical and Mechanical Properties of Pouteria Pachycarpa Wood. Floresta E Ambiente, 2022, 29, .	0.4	0