Vinicius Aquino

List of Publications by Year
in descending order

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53 papers	152 citations	1684188 5 h-index	1281871 11 g-index
53 all docs	53 docs citations	53 times ranked	116 citing authors

#	Article	IF	Citations
1	AnÃ¡lise da representatividade e da densidade aparente como estimadoras do mÃ³dulo de elasticidade da classe C60 da NBR7190:1997. Ambiente ConstruÃdo, 2022, 22, 139-146.	0.4	1
2	Production of mahogany particleboards using branches and wood residues. Ambiente ConstruÃdo, 2022, 22, 191-199.	0.4	1
3	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
4	Effect of fatigue on tropical wood species. Ambiente ConstruÃdo, 2022, 22, 187-198.	0.4	1
5	Correlation between natural and artificial aging in particleboards. Ambiente ConstruÃdo, 2022, 22, 233-245.	0.4	0
6	Estimation of compression and shrinkage properties of Brazilian tropical timber through porosimetry analysis by mercury intrusion. BioResources, 2022, 17, 519-526.	1.0	1
7	AnÃ¡lise da representatividade da resistÃªncia ao cisalhamento paralelo Ãs fibras da classe C60 da norma brasileira de estruturas de madeira. Revista Materia, 2022, 27, .	0.2	0
8	Effect of CCB Treatment and Alternative Adhesive Content on Physical and Mechanical Performance of Particleboards. Floresta E Ambiente, 2022, 29, .	0.4	0
9	Influence of Moisture on Physical and Mechanical Properties of Pouteria Pachycarpa Wood. Floresta E Ambiente, 2022, 29, .	0.4	0
10	USE OF RESIDUES FROM THE CELLULOSE INDUSTRY AND SUGARCANE BAGASSE IN PARTICLEBOARDS. Engenharia Agricola, 2021, 41, 107-111.	0.7	3
11	Influence of provenance on physical and mechanical properties of Angelim-pedra (Hymenolobium) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	4
12	PHYSICAL AND MECHANICAL CHARACTERIZATION OF PLANCHONELLA PACHYCARPA WOOD SPECIES FOR USE IN STRUCTURAL PURPOSE. Wood Research, 2021, 66, 267-276.	0.6	2
13	Circular vs. linear economy of building materials: A case study for particleboards made of recycled wood and biopolymer vs. conventional particleboards. Construction and Building Materials, 2021, 285, 122906.	7.2	44
14	INFLUENCE OF STIFFNESS RELATED TO THE C40 STRENGTH CLASS OF THE HARDWOOD GROUP ESTABLISHED BY THE BRAZILIAN STANDARD IN THE DESIGN OF TIMBER STRUCTURES. Wood Research, 2021, 66, 582-594.	0.6	0
15	Investigation of pore size distribution by mercury intrusion porosimetry (MIP) technique applied on different OSB panels. BioResources, 2021, 16, 6661-6668.	1.0	2
16	Influence of moisture content on physical and mechanical properties of Cedrelinga catenaeformis wood. BioResources, 2021, 16, 6758-6765.	1.0	6
17	Influence of roof slope on timber consumption in plane trusses design. BioResources, 2021, 16, 6750-6757.	1.0	0
18	PARTICLEBOARD PRODUCED WITH CHROMATED COPPER ARSENATE- AND BORATE-TREATED CAIXETA WOOD: A TECHNICAL FEASIBILITY STUDY. Engenharia Agricola, 2021, 41, 567-575.	0.7	2

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19	Chemical evaluation of two tropical wood species for use as grilling planks. BioResources, 2021, 16, 8219-8226.	1.0	0
20	Evaluation of mechanical strengths of tropical hardwoods: proposal of probabilistic models. European Journal of Wood and Wood Products, 2020, 78, 757-766.	2.9	4
21	Models to estimate longitudinal compressive strength of Brazilian hardwood based on apparent density. BioResources, 2020, 16, 1373-1381.	1.0	5
22	Analysis of relations between the moduli of elasticity in compression, tension, and static bending of hardwoods. BioResources, 2020, 15, 3278-3288.	1.0	4
23	Use of sugarcane bagasse and industrial timber residue in particleboard production. BioResources, 2020, 15, 4753-4762.	1.0	20
24	APPARENT DENSITY AS AN ESTIMATOR OF WOOD PROPERTIES OBTAINED IN TESTS WHERE FAILURE IS FRAGILE. Engenharia Agricola, 2020, 40, 105-112.	0.7	8
25	Addition of sugarcane bagasse for the production of particleboards bonded with urea-formaldehyde and polyurethane resins. Wood Research, 2020, 65, 727-736.	0.6	4
26	Carbon fiber-reinforced polymers as a tensile reinforcement of the Pinus elliotti and Manilkara huberi wood species. Maderas: Ciencia Y Tecnologia, 2020, , 0-0.	0.7	2
27	Alternative model to determine the characteristic strength value of wood in the compression parallel to the grain. Maderas: Ciencia Y Tecnologia, 2020, , 0-0.	0.7	3
28	InfluÃªncia dos parÃ¢metros de fabricaÃ§Ã£o nas Propriedades FÃsicas e MecÃ¢nicas de Paineis de PartÃcula de MÃ©dia Densidade. Revista Materia, 2020, 25, .	0.2	1
29	Investigation of the fiber saturation point of tropical Brazilian wood species. BioResources, 2020, 15, 5379-5387.	1.0	3
30	RelaÃ§Ãµes entre propriedades de rigidez para distintas solicitaÃ§Ãµes mecÃ¢nicas visando projetos de estruturas de madeira. Ambiente ConstruÃdo, 2020, 20, 25-35.	0.4	1
31	AvaliaÃ§Ã£o do efeito da fadiga no mÃ³dulo de elasticidade na flexÃ£o de painÃ©is de madeira compensada. Revista Materia, 2020, 25, .	0.2	0
32	Evaluation of CCB-preserved medium density particleboards under natural weathering. BioResources, 2020, 15, 3678-3687.	1.0	1
33	Painel MDP com resina poliuretana Ã base de Ã³leo de mamona com adiÃ§Ã£o de cimento. Ambiente ConstruÃdo, 2020, 20, 661-669.	0.4	1
34	EVALUATION OF THE Peltophorum vogelianum Benth. WOOD SPECIES FOR STRUCTURAL USE. Engenharia Agricola, 2019, 39, 763-768.	0.7	5
35	Paineis hÃbridos de lÃ¢minas e partÃculas de madeira para uso estrutural. Ambiente ConstruÃdo, 2019, 19, 15-23.	0.4	4
36	Physical and Mechanical Characterization of Copaifera sp. Wood Specie. International Journal of Materials Engineering, 2018, 8, 55-58.	1.0	9

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37	Adobe Soil-Cement Bricks Reinforced with Recycled Kraft Paper Fibers. International Journal of Materials Engineering, 2018, 8, 101-108.	1.0	4
38	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
39	Civil Construction Residue Management on Public Constructions in Barra do GarÃ§as City - Brazil. International Journal of Materials Engineering, 2018, 8, 109-119.	1.0	0
40	Physical and Mechanical Characterization of Cedrelinga catenaeformis Ducke Wood Specie. International Journal of Materials Engineering, 2018, 8, 97-100.	1.0	1
41	Proof Load Test on Bridges and Viaducts: A Bibliography Analysis. International Journal of Materials Engineering, 2018, 8, 120-127.	1.0	0
42	Adobe Soil-Lime Bricks Reinforced with Kraft Paper Fibers. International Journal of Materials Engineering, 2018, 8, 128-133.	1.0	0
43	Determination of Physical and Mechanical Properties of Wood Specie Dinizia excelsa Ducke. International Journal of Materials Engineering, 2018, 8, 158-161.	1.0	1
44	Shear Strength of Joints in Glued Laminated Timber: Normative Verification of Bibliography Results. International Journal of Materials Engineering, 2018, 8, 152-157.	1.0	1
45	EFFECT OF ARTIFICIAL WEATHERING ON PHYSICAL AND MECHANICAL PROPERTIES OF WOOD. Revista Arvore, 0, 45, .	0.5	1
46	Influence of harvest region on properties of CambarÃ¡ wood. Maderas: Ciencia Y Tecnologia, 0, 23, .	0.7	1
47	InfluÃªncia dos modelos idealizados de ligaÃ§Ãµes no dimensionamento de treliÃ§as Howe de madeira. Revista Principia, 0, , .	0.1	0
48	ContribuiÃ§Ã£o da rigidez Ã flexÃ£o da laje treliÃ§ada para a estabilidade global da estrutura. Revista Principia, 0, , .	0.1	0
49	INFLUENCE OF COMMERCIAL THERMAL TREATMENT ON Eucalyptus grandis Hill ex Maiden WOOD PROPERTIES. Revista Arvore, 0, 45, .	0.5	0
50	INFLUENCE OF REINFORCEMENT ON WOOD TENSILE STRENGTH SUBMITTED TO WEATHERING. Revista Arvore, 0, 45, .	0.5	0
51	AvaliaÃ§Ã£o da viabilidade de produÃ§Ã£o de painÃ©is de partÃculas fabricados com maravalhas integrais de Pinus e adesivo ureia-formaldeÃdo. Revista Principia, 0, , .	0.1	0
52	Physico-Chemical Characterization of Tropical Wood Species for Use and Production of Grilling Planks. Materials Research, 0, 25, .	1.3	0
53	INFLUENCE OF MOISTURE CONTENT ON PHYSICAL AND MECHANICAL PROPERTIES OF Vatairea SP WOOD. Revista Arvore, 0, 46, .	0.5	1