

Thiago de Paula Protásio

List of Publications by Year in descending order

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91
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Relationship among the stiffness, wave propagation speed, density and moisture content of <i>pinus elliottii</i> and <i>bertholletia excelsa</i> wood specimens. <i>Wood Material Science and Engineering</i> , 2023, 18, 151-160.	1.1	1
2	Combustion performance of charcoal: a comparative study on Miombo woodland native species and <i>Eucalyptus grandis</i> . <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 15789-15798.	2.9	1
3	Revealing the influence of chemical compounds on the pyrolysis of lignocellulosic wastes from the Amazonian production chains. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 4491-4508.	1.8	10
4	Substitution of urea-formaldehyde by renewable phenolic compound for environmentally appropriate production of particleboards. <i>Environmental Science and Pollution Research</i> , 2022, 29, 66562-66577.	2.7	1
5	Conventional low-density particleboards produced from <i>Mauritia flexuosa</i> and <i>Eucalyptus</i> spp. wood. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 2761-2771.	2.1	4
6	Challenges of the lumber production in the Amazon region: relation between sustainability of sawmills, process yield and logs quality. <i>Environment, Development and Sustainability</i> , 2021, 23, 4924-4948.	2.7	10
7	Influence of Extractives Content and Lignin Quality of <i>Eucalyptus</i> Wood in the Mass Balance of Pyrolysis Process. <i>Bioenergy Research</i> , 2021, 14, 175-189.	2.2	9
8	Charcoal productivity and quality parameters for reliable classification of <i>Eucalyptus</i> clones from Brazilian energy forests. <i>Renewable Energy</i> , 2021, 164, 34-45.	4.3	28
9	Colorimetry as a criterion for segregation of logging wastes from sustainable forest management in the Brazilian Amazon for bioenergy. <i>Renewable Energy</i> , 2021, 163, 792-806.	4.3	20
10	Pelletizing of lignocellulosic wastes as an environmentally friendly solution for the energy supply: insights on the properties of pellets from Brazilian biomasses. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11598-11617.	2.7	23
11	Influence of lignin distribution, physicochemical characteristics and microstructure on the quality of biofuel pellets made from four different types of biomass. <i>Renewable Energy</i> , 2021, 163, 1802-1816.	4.3	20
12	Blends of charcoal fines and wood improve the combustibility and quality of the solid biofuels. <i>Bioenergy Research</i> , 2021, 14, 344-354.	2.2	13
13	Variations in productivity and wood properties of Amazonian tachi-branco trees planted at different spacings for bioenergy purposes. <i>Journal of Forestry Research</i> , 2021, 32, 211-224.	1.7	8
14	Exfoliating Agents for Skincare Soaps Obtained from the Crabwood Waste Bagasse, a Natural Abrasive from Amazonia. <i>Waste and Biomass Valorization</i> , 2021, 12, 4441-4461.	1.8	3
15	Sustainable valorization of recycled low-density polyethylene and cocoa biomass for composite production. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32810-32822.	2.7	12
16	Variações das propriedades tecnológicas de painéis MDF em uma linha de produção industrial no Brasil. <i>Research, Society and Development</i> , 2021, 10, e478101119951.	0.0	0
17	WOOD VOLUMETRY OF <i>Tachigali vulgaris</i> PURE PLANTATIONS IN DIFFERENT PLANTING SPACINGS. <i>Floresta</i> , 2021, 51, 990.	0.1	3
18	Influence of physical and chemical compositions on the properties and energy use of lignocellulosic biomass pellets in Brazil. <i>Renewable Energy</i> , 2020, 147, 1870-1879.	4.3	37

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19	Lignocellulosic Materials for Production of Cement Composites: Valorization of the Alkali Treated Soybean Pod and Eucalyptus Wood Particles to Obtain Higher Value-Added Products. Waste and Biomass Valorization, 2020, 11, 2235-2245.	1.8	17
20	Pelletization of eucalyptus wood and coffee growing wastes: Strategies for biomass valorization and sustainable bioenergy production. Renewable Energy, 2020, 149, 128-140.	4.3	37
21	Charcoal of logging wastes from sustainable forest management for industrial and domestic uses in the Brazilian Amazonia. Biomass and Bioenergy, 2020, 142, 105804.	2.9	16
22	Potential destination of Brazilian cocoa agro-industrial wastes for production of materials with high added value. Waste Management, 2020, 118, 36-44.	3.7	15
23	Logging wastes from sustainable forest management as alternative fuels for thermochemical conversion systems in Brazilian Amazon. Biomass and Bioenergy, 2020, 140, 105660.	2.9	23
24	Insights in quantitative indexes for better grouping and classification of Eucalyptus clones used in combustion and energy cogeneration processes in Brazil. Biomass and Bioenergy, 2020, 143, 105835.	2.9	12
25	Relating features and combustion behavior of biomasses from the Amazonian agroforestry chain. Biomass Conversion and Biorefinery, 2020, , 1.	2.9	11
26	ABANDONED PLANTATIONS OF <i>Hevea guianensis</i> Aubl. IN NATURAL FOREST IN THE BRAZILIAN AMAZON: METHODS FOR REVITALIZATION. Revista Agroecosistemas, 2020, 11, 102.	0.1	1
27	Compara�o da qualidade dos tecidos do pec�olo de buriti (<i>Mauritia flexuosa</i> L. f.) para combust�o e carboniza�o. Ciencia Florestal, 2020, 30, 516.	0.1	4
28	STUDYING THE GRAMMAGE IN LVL PANELS GLUED WITH CASTOR OIL-BASED POLYURETHANE ADHESIVE: A POSSIBLE ALTERNATIVE TO FORMALDEHYDE RELEASING ADHESIVES.. Cerne, 2020, 26, 140-149.	0.9	2
29	Estudo das propriedades f�sicas e mec�nicas de concreto com substitui�o parcial de agregado mi�do por res�duo agr�cola. Revista Ibero-americana De Ci�ncias Ambientais, 2020, 11, 184-197.	0.0	0
30	Assessing Proximate Composition, Extractive Concentration, and Lignin Quality to Determine Appropriate Parameters for Selection of Superior Eucalyptus Firewood. Bioenergy Research, 2019, 12, 626-641.	2.2	36
31	THERMAL PROFILE OF WOOD SPECIES FROM THE BRAZILIAN SEMI-ARID REGION SUBMITTED TO PYROLYSIS. Cerne, 2019, 25, 44-53.	0.9	5
32	Does the Addition of Cotton Wastes Affect the Properties of Particleboards?. Floresta E Ambiente, 2019, 26, .	0.1	5
33	Assessment of plant biomass for pellet production using multivariate statistics (PCA and HCA). Renewable Energy, 2019, 139, 796-805.	4.3	44
34	WOOD COLORIMETRY FOR THE CHARACTERIZATION OF AMAZONIAN TREE SPECIES: A SUBSIDY FOR A MORE EFFICIENT CLASSIFICATION. Cerne, 2019, 25, 451-462.	0.9	13
35	Options for Generation of Sustainable Energy: Production of Pellets Based on Combinations Between Lignocellulosic Biomasses. Waste and Biomass Valorization, 2018, 9, 479-489.	1.8	37
36	Comparative Energy Properties of Torrefied Pellets in Relation to Pine and Elephant Grass Pellets. BioResources, 2018, 13, 2898-2906.	0.5	20

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37	Planting density effect on some properties of Schizolobium parahyba wood. Maderas: Ciencia Y Tecnologia, 2018, , 0-0.	0.7	5
38	Pyrolysis and wood by-products of species from the Brazilian semi-arid region. Scientia Forestalis/Forest Sciences, 2018, 46, .	0.2	8
39	PainÃ©is compensados sarrafeados produzidos com Pinus oocarpa, Castilla ulei e Acrocarpus fraxinifolius. CiÃªncia Da Madeira, 2018, 9, 199-208.	0.3	7
40	COMBUSTION OF BIOMASS AND CHARCOAL MADE FROM BABASSU NUTSHELL. Cerne, 2017, 23, 1-10.	0.9	37
41	Eucalyptus wood and coffee parchment for particleboard production: Physical and mechanical properties. Ciencia E Agrotecnologia, 2017, 41, 139-146.	1.5	35
42	TRANSFORMAÃ§Ã£o DA CASCA DE ARROZ EM UM PRODUTO DE MAIOR VALOR AGREGADO: POTENCIAL PARA A PRODUÃ§Ã£o DE PAINÃ©IS PARTICULADOS. Ciencia Florestal, 2017, 27, 303-313.	0.1	13
43	ValorizaÃ§Ã£o do bagaÃ§Ã£o de cana-de-aÃ§Ã©car na produÃ§Ã£o de painÃ©is aglomerados de baixa densidade. CiÃªncia Da Madeira, 2017, 8, 64-73.	0.3	21
44	WASTE WOOD OF URBAN ORIGIN FOR ENERGY USE. Revista Arvore, 2017, 41, .	0.5	4
45	ClassificaÃ§Ã£o de clones de Eucalyptus por meio da relaÃ§Ã£o siringil/guaiacil e das caracterÃsticas de crescimento para uso energÃ©tico. Scientia Forestalis/Forest Sciences, 2017, 45, .	0.2	8
46	AvaliaÃ§Ã£o das Propriedades FÃsicas e QuÃmicas da Madeira de Corymbia citriodora e Eucalyptus urophylla x Eucalyptus grandis Cultivadas no PiauÃ: Nativa, 2016, 4, 403-407.	0.2	7
47	Potencial de utilizaÃ§Ã£o da madeira de Sclerolobium paniculatum, Myracrodruon urundeuva e Amburana cearensis para produÃ§Ã£o de compensados. Scientia Forestalis/Forest Sciences, 2016, 44, .	0.2	4
48	Efeito da relaÃ§Ã£o siringil/guaiacil e de fenÃ³is derivados da lignina nas caracterÃsticas da madeira e do carvÃ£o vegetal de Eucalyptus spp. Scientia Forestalis/Forest Sciences, 2016, 44, .	0.2	5
49	InclusÃ£o de resÃduo da cultura de sorgo em painÃ©is aglomerados de eucalipto. Pesquisa Florestal Brasileira, 2016, 36, 435.	0.1	15
50	THERMAL STABILITY OF Pinus oocarpa AND MAIZE COB PARTICLEBOARDS. Ciencia E Agrotecnologia, 2015, 39, 348-354.	1.5	6
51	CaracterÃsticas de crescimento, composiÃ§Ã£o quÃmica, fÃsica e estimativa de massa seca de madeira em clones e espÃcies de Eucalyptus jovens. Ciencia Rural, 2015, 45, 661-666.	0.3	11
52	Nanocellulose Films from Amazon Forest Wood Wastes: Structural and Thermal Properties. Key Engineering Materials, 2015, 668, 110-117.	0.4	8
53	Incorporation of bamboo particles and â€œsynthetic termite salivaâ€ in adobes. Construction and Building Materials, 2015, 98, 250-256.	3.2	18
54	AvaliaÃ§Ã£o tecnolÃ³gica do carvÃ£o vegetal da madeira de clones jovens de Eucalyptus grandis e Eucalyptus urophylla. Scientia Forestalis/Forest Sciences, 2015, 43, .	0.2	6

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55	Qualidade do carvão vegetal de Eucalyptus e Corymbia produzido em diferentes temperaturas finais de carbonização. Scientia Forestalis/Forest Sciences, 2015, 43, .	0.2	16
56	Qualidade de painéis LVL produzidos com madeira de clones de Eucalyptus urophylla. Pesquisa Florestal Brasileira, 2015, 35, 307.	0.1	6
57	Quality and energetic evaluation of the charcoal made of babassu nut residues used in the steel industry. Ciencia E Agrotecnologia, 2014, 38, 435-444.	1.5	10
58	Mass and energy balance of the carbonization of babassu nutshell as affected by temperature. Pesquisa Agropecuaria Brasileira, 2014, 49, 189-196.	0.9	10
59	Efeito da idade e clone na qualidade da madeira de <i>Eucalyptus</i> spp visando a produção de bioenergia. Ciencia Florestal, 2014, 24, 465-477.	0.1	8
60	Rendimento gravimétrico em taninos condensados nas cascas de Anadenanthera peregrina em diferentes classes diamétricas. Cerne, 2014, 20, 239-244.	0.9	5
61	Avaliação da qualidade da madeira de Coffea arabica L. como fonte de bioenergia. Cerne, 2014, 20, 541-549.	0.9	7
62	Umidade de equilíbrio de painéis OSB produzidos com inclusão laminar e com diferentes tipos de adesivos. Cerne, 2014, 20, 123-138.	0.9	2
63	Mechanical Properties of Adobe Made with Sugar Cane Bagasse and Synthetic Termite Saliva Incorporation. Key Engineering Materials, 2014, 634, 351-356.	0.4	4
64	Different ageing conditions on cementitious roofing tiles reinforced with alternative vegetable and synthetic fibres. Materials and Structures/Materiaux Et Constructions, 2014, 47, 433-446.	1.3	12
65	Babassu nut residues: potential for bioenergy use in the North and Northeast of Brazil. SpringerPlus, 2014, 3, 124.	1.2	15
66	Umidade de equilíbrio de painéis OSB de clones de Eucalyptus urophylla. Cerne, 2014, 20, 519-528.	0.9	3
67	Qualidade da madeira de cinco espécies de ocorrência no cerrado para produção de carvão vegetal. Cerne, 2014, 20, 37-46.	0.9	27
68	Canonical correlation analysis of the characteristics of charcoal from Qualea parviflora Mart.. Cerne, 2014, 20, 81-88.	0.9	6
69	Análise da qualidade do encolamento de partículas de painéis OSB em condições de laboratório. Cerne, 2014, 20, 501-508.	0.9	4
70	Multivariate analysis applied to evaluation of Eucalyptus clones for bioenergy production. Cerne, 2013, 19, 525-533.	0.9	12
71	Modeling of basic density of wood from Eucalyptus grandis and Eucalyptus urophylla using nondestructive methods. Cerne, 2013, 19, 27-34.	0.9	17
72	Thermal decomposition of torrefied and carbonized briquettes of residues from coffee grain processing. Ciencia E Agrotecnologia, 2013, 37, 221-228.	1.5	9

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73	Physical attributes of distroferic red latosol under four eucalypt species over the long term. <i>Ciencia E Agrotecnologia</i> , 2013, 37, 313-322.	1.5	5
74	Potencial siderúrgico e energético do carvão vegetal de clones de <i>Eucalyptus</i> spp aos 42 meses de idade. <i>Pesquisa Florestal Brasileira</i> , 2013, 33, 137-149.	0.1	13
75	Técnicas multivariadas aplicadas à avaliação de resíduos lignocelulósicos para a produção de bioenergia. <i>Ciencia Florestal</i> , 2013, 23, .	0.1	7
76	Composição da madeira e do carvão vegetal de <i>Eucalyptus urophylla</i> em diferentes locais de plantio. <i>Pesquisa Florestal Brasileira</i> , 2012, 32, 277-290.	0.1	30
77	Caracterização química e energética para aproveitamento da madeira de costaneira e desbaste de cedro australiano. <i>Pesquisa Florestal Brasileira</i> , 2012, 32, 13-21.	0.1	13
78	Qualidade e rendimento do carvão vegetal de um clone híbrido de <i>Eucalyptus grandis</i> x <i>Eucalyptus urophylla</i> . <i>Pesquisa Florestal Brasileira</i> , 2012, 32, 291-302.	0.1	19
79	Torrefação e carbonização de briquetes de resíduos do processamento dos grãos de café. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2012, 16, 1252-1258.	0.4	11
80	Correlações canônicas entre as características químicas e energéticas de resíduos lignocelulósicos. <i>Cerne</i> , 2012, 18, 433-439.	0.9	16
81	Brazilian Lignocellulosic Wastes for Bioenergy Production: Characterization and Comparison with Fossil Fuels. <i>BioResources</i> , 2012, 8, .	0.5	47
82	Correlações Entre as Propriedades Físicas e Mecânicas de Painéis Aglomerados de Diferentes Espécies de <i>Eucalyptus</i> . <i>Floresta E Ambiente</i> , 2012, 19, 123-132.	0.1	5
83	Modelagem de Propriedades Físicas e Mecânicas em Painéis Aglomerados de Cedro Australiano. <i>Floresta E Ambiente</i> , 2012, 19, 243-249.	0.1	5
84	Efeito de local e espaçamento na qualidade do carvão vegetal de um clone de <i>Eucalyptus urophylla</i> S. T. Blake. <i>Floresta E Ambiente</i> , 2012, 19, 497-505.	0.1	12
85	Amostragens Longitudinais Alternativas para a Determinação da Densidade Básica em Clones de <i>Eucalyptus</i> sp. <i>Floresta E Ambiente</i> , 2012, 19, 184-193.	0.1	5
86	Relação entre o poder calorífico superior e os componentes elementares e minerais da biomassa vegetal. <i>Pesquisa Florestal Brasileira</i> , 2011, 31, 113-122.	0.1	49
87	Compactação de biomassa vegetal visando à produção de biocombustíveis sólidos. <i>Pesquisa Florestal Brasileira</i> , 2011, 31, 273-283.	0.1	32
88	Avaliação da qualidade do carvão vegetal de <i>Qualea parviflora</i> . <i>Pesquisa Florestal Brasileira</i> , 2011, 31, 295-307.	0.1	14
89	Cabeçalho da página Open Journal Systems Ajuda do sistema Usuário Logado como: pfb Perfil Sair do sistema Idioma Conteúdo da revista Pesquisar Por Edição Por Autor Por título Tamanho de fonte Make font size smaller Make font size default Make font size larger Informações Para leitores Para Autores Para Bibliotecários Capa Sobre a página do usuário Pesquisa Atual Anteriores Notícias Embrapa Florestas Edições anteriores 1980-2004 Normas para autores Ajuda Capa &gt; v. 31, n. 68 (2011) &gt; Neves Avaliação . <i>Pesquisa Florestal Brasileira</i> , 2011, 31, 319-330.	0.1	53
90	Options for Chemical Modification of Wastes from a Brazilian Hardwood Species and Potential Applications. <i>Key Engineering Materials</i> , 0, 634, 321-328.	0.4	2

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91	Particleboards produced with different proportions of <i>Hevea brasiliensis</i> : Residual wood valorization in higher value added products. <i>Ciencia E Agrotecnologia</i> , 0, 45, .	1.5	5