

Lina Bufalino

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6074881/lina-bufalino-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60

papers

463

citations

11

h-index

18

g-index

66

ext. papers

627

ext. citations

2.1

avg, IF

3.54

L-index

#	Paper	IF	Citations
60	Evaluation of reaction factors for deposition of silica (SiO_2)nanoparticles on cellulose fibers. <i>Carbohydrate Polymers</i> , 2014 , 114, 424-431	10.3	50
59	How the chemical nature of Brazilian hardwoods affects nanofibrillation of cellulose fibers and film optical quality. <i>Cellulose</i> , 2015 , 22, 3657-3672	5.5	41
58	Improving cellulose nanofibrillation of non-wood fiber using alkaline and bleaching pre-treatments. <i>Industrial Crops and Products</i> , 2019 , 131, 203-212	5.9	36
57	Relação entre o poder calorífico superior e os componentes elementares e minerais da biomassa vegetal. <i>Pesquisa Florestal Brasileira</i> , 2011 , 31, 113-122	0.5	31
56	Brazilian Lignocellulosic Wastes for Bioenergy Production: Characterization and Comparison with Fossil Fuels. <i>BioResources</i> , 2012 , 8,	1.3	30
55	Impact of nanofibrillation degree of eucalyptus and Amazonian hardwood sawdust on physical properties of cellulose nanofibril films. <i>Wood Science and Technology</i> , 2017 , 51, 1095-1115	2.5	25
54	Biocomposite of Cassava Starch Reinforced with Cellulose Pulp Fibers Modified with Deposition of Silica (SiO_2) Nanoparticles. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-9	3.2	21
53	Diameter distribution in a Brazilian tropical dry forest domain: predictions for the stand and species. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 1189-1203	1.4	14
52	Influence of cellulose viscosity and residual lignin on water absorption of nanofibril films. <i>Procedia Engineering</i> , 2017 , 200, 155-161	14	
51	Correlações canônicas entre as características químicas e energéticas de resíduos lignocelulósicos. <i>Cerne</i> , 2012 , 18, 433-439	0.7	12
50	Coconut fibers and quartzite wastes for fiber-cement production by extrusion. <i>Materials Today: Proceedings</i> , 2020 , 31, S309-S314	1.4	11
49	Local variability of yield and physical properties of açaí waste and improvement of its energetic attributes by separation of lignocellulosic fibers and seeds. <i>Journal of Renewable and Sustainable Energy</i> , 2018 , 10, 053102	2.5	10
48	New products made with lignocellulosic nanofibers from Brazilian amazon forest. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 64, 012012	0.4	9
47	Lignocellulosic Composites Made from Agricultural and Forestry Wastes in Brazil. <i>Key Engineering Materials</i> , 2012 , 517, 556-563	0.4	9
46	Relating features and combustion behavior of biomasses from the Amazonian agroforestry chain. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	8
45	TRANSFORMAÇÃO DA CASCA DE ARROZ EM UM PRODUTO DE MAIOR VALOR AGREGADO: POTENCIAL PARA A PRODUÇÃO DE PÃO PARTICULADOS. <i>Ciencia Florestal</i> , 2017 , 27, 303	1.1	8
44	Nanocellulose Films from Amazon Forest Wood Wastes: Structural and Thermal Properties. <i>Key Engineering Materials</i> , 2015 , 668, 110-117	0.4	7

43	Torrefa ^o e carboniza ^o de briquetes de res ^o dos do processamento dos gr ^o s de caf ^o . <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2012 , 16, 1252-1258	0.9	7
42	Propriedades f ^{isicas} de pain ^o s aglomerados comerciais confeccionados com baga ^o de cana e madeira. <i>Floresta E Ambiente</i> , 2011 , 18, 178-185	1	7
41	Logging wastes from sustainable forest management as alternative fuels for thermochemical conversion systems in Brazilian Amazon. <i>Biomass and Bioenergy</i> , 2020 , 140, 105660	5.3	7
40	Chemical treatment of banana tree pseudostem particles aiming the production of particleboards. <i>Ciencia E Agrotecnologia</i> , 2014 , 38, 43-49	1.6	6
39	Caracteriza ^o qu ^o m ^{ica} e energ ^o tica para aproveitamento da madeira de costaneira e desbaste de cedro australiano. <i>Pesquisa Florestal Brasileira</i> , 2012 , 32, 13-21	0.5	6
38	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	8.1	6
37	Alternative compositions of oriented strand boards (OSB) made with commercial woods produced in Brazil. <i>Maderas: Ciencia Y Tecnologia</i> , 2015 , 0-0	1	5
36	The effect of surface modifications with corona discharge in pinus and eucalyptus nanofibril films. <i>Cellulose</i> , 2018 , 25, 5017-5033	5.5	5
35	Avalia ^o da qualidade da madeira de Coffea arabica L. como fonte de bioenergia. <i>Cerne</i> , 2014 , 20, 541-549	5	
34	Propriedades f ^{isico-mec^{icas}icas} de pain ^o s LVL produzidos com tr ^o esp ^o ies amaz ^o icas. <i>Cerne</i> , 2013 , 19, 407-413	0.7	5
33	T ^o nicas multivariadas aplicadas a avalia ^o de res ^o s lignocelul ^o icos para a produ ^o o de bioenergia. <i>Ciencia Florestal</i> , 2013 , 23,	1.1	5
32	Tannin-stabilized silver nanoparticles and citric acid added associated to cellulose nanofibrils: effect on film antimicrobial properties. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	4
31	Enhancement of the Amazonian A ^o Waste Fibers through Variations of Alkali Pretreatment Parameters. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900275	2.5	4
30	Use of Coffee Plant Stem in the Production of Conventional Particleboards. <i>Key Engineering Materials</i> , 2014 , 600, 703-708	0.4	4
29	Modelagem de Propriedades F ^{isicas} e Mec ^{icas} em Pain ^o s Aglomerados de Cedro Australiano. <i>Floresta E Ambiente</i> , 2012 , 19, 243-249	1	4
28	Avalia ^o das propriedades f ^{isico-mec^{icas}icas} de pain ^o s compensados de Toona ciliata M. Roem. var. australis. <i>Cerne</i> , 2011 , 17, 103-108	0.7	4
27	Insights in quantitative indexes for better grouping and classification of Eucalyptus clones used in combustion and energy cogeneration processes in Brazil. <i>Biomass and Bioenergy</i> , 2020 , 143, 105835	5.3	4
26	Quality attributes of commercial charcoals produced in Amap ^a a Brazilian state located in the Amazonia. <i>Environment, Development and Sustainability</i> , 2020 , 22, 719-732	4.5	4

25	Pretreated unbleached cellulose screen reject for cement-bonded fiberboards. <i>European Journal of Wood and Wood Products</i> , 2019 , 77, 581-591	2.1	3
24	Influence of thermal treatment of eucalyptus fibers on the physical-mechanical properties of extruded fiber-cement composites. <i>Materials Today: Proceedings</i> , 2020 , 31, S348-S352	1.4	3
23	Evaluation of Mechanical Properties of Adobe Chemically Stabilized with "Synthetic Termite Saliva". <i>Key Engineering Materials</i> , 2014 , 600, 150-155	0.4	3
22	Umidade de equilíbrio de painéis OSB de clones de Eucalyptus urophylla. <i>Cerne</i> , 2014 , 20, 519-528	0.7	3
21	Mistura de terra espécies de reflorestamento na produção de painéis cimento-madeira. <i>Revista Arvore</i> , 2012 , 36, 549-557	1	3
20	Eucalyptus wood nanofibrils as reinforcement of carrageenan and starch biopolymers for improvement of physical properties. <i>Journal of Tropical Forest Science</i> , 2018 , 30, 292-303	1	3
19	NaOH Treatment Impact in the Dimensional Stability of Banana Pseudostem Particleboard Panels. <i>Key Engineering Materials</i> , 2014 , 600, 447-451	0.4	2
18	Relation of transverse air permeability with physical properties in different compositions of sugarcane bagasse particleboards. <i>Materials Research</i> , 2013 , 16, 150-157	1.5	2
17	Resistência das madeiras de pinus, cedro australiano e seus produtos derivados ao ataque de Cryptotermes brevis. <i>Cerne</i> , 2014 , 20, 433-439	0.7	2
16	Sobrevivência de operários do cupim-de-montanha <i>Cornitermes cumulans</i> (Kollar, 1832) (Isoptera: Termitidae) alimentados com diferentes dietas artificiais. <i>Arquivos Do Instituto Biológico</i> , 2011 , 78, 151-154	1.6	2
15	Comparação da qualidade dos tecidos do pecão de buriti (<i>Mauritia flexuosa</i> L. F.) para combustão e carbonização. <i>Ciencia Florestal</i> , 2020 , 30, 516	1.1	2
14	Análise da qualidade do encolamento de partes de painéis OSB em condições de laboratório. <i>Cerne</i> , 2014 , 20, 501-508	0.7	2
13	Options for Chemical Modification of Wastes from a Brazilian Hardwood Species and Potential Applications. <i>Key Engineering Materials</i> , 2014 , 634, 321-328	0.4	1
12	Charcoal of logging wastes from sustainable forest management for industrial and domestic uses in the Brazilian Amazonia. <i>Biomass and Bioenergy</i> , 2020 , 142, 105804	5.3	1
11	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	3.2	1
10	Spent Coffee Grounds as Building Material for Non-Load-Bearing Structures.. <i>Materials</i> , 2022 , 15,	3.5	1
9	Copaiba oil and vegetal tannin as functionalizing agents for aligned nanofibril films: valorization of forest wastes from Amazonia.. <i>Environmental Science and Pollution Research</i> , 2022 , 1,	5.1	1
8	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> , 1	3.3	0

LIST OF PUBLICATIONS

7	Exploiting the Amazonian Açaí Palm Leaves Potential as Reinforcement for Cement Composites through Alkali and Bleaching Treatments. <i>Journal of Natural Fibers</i> , 1-14	1.8	O
6	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	2	O
5	Chitosan-based films reinforced with cellulose nanofibrils isolated from Euterpe oleracea MART. <i>Polymers From Renewable Resources</i> , 2021 , 12, 46-59	0.4	O
4	The properties of the mesocarp fibers of patauá a multiple-use palm from the Amazonia forest. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	
3	Inclusion of Lignocellulosic Fibers in Plastic Composites. <i>Key Engineering Materials</i> , 2014 , 600, 442-446	0.4	
2	Coir fiber as reinforcement in cement-based materials 2022 , 707-739		
1	Superabsorbent ability polymer to reduce the bulk density of extruded cement boards. <i>Journal of Building Engineering</i> , 2021 , 43, 103130	5.2	