

Lina Bufalino

List of Publications by Year in Descending Order

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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	Coir fiber as reinforcement in cement-based materials 2022 , 707-739		
59	Spent Coffee Grounds as Building Material for Non-Load-Bearing Structures.. <i>Materials</i> , 2022 , 15,	3.5	1
58	Copaiba oil and vegetal tannin as functionalizing agents for a ⁺ Bi nanofibril films: valorization of forest wastes from Amazonia.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
57	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
56	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	0
55	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
54	Chitosan-based films reinforced with cellulose nanofibrils isolated from Euterpe oleraceae MART. <i>Polymers From Renewable Resources</i> , 2021 , 12, 46-59	0.4	0
53	Superabsorbent ability polymer to reduce the bulk density of extruded cement boards. <i>Journal of Building Engineering</i> , 2021 , 43, 103130	5.2	
52	Relating features and combustion behavior of biomasses from the Amazonian agroforestry chain. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	8
51	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
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	Compara ⁺ ño da qualidade dos tecidos do pec ⁺ ño de buriti (<i>Mauritia flexuosa</i> L. F.) para combust ⁺ ño e carboniza ⁺ ño. <i>Ciencia Florestal</i> , 2020 , 30, 516	1.1	2
48	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
47	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
46	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
45	Quality attributes of commercial charcoals produced in Amap ⁺ ña Brazilian state located in the Amazonia. <i>Environment, Development and Sustainability</i> , 2020 , 22, 719-732	4.5	4
44	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

43	The properties of the mesocarp fibers of patau^ ã a multiple-use palm from the Amazonia forest. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8
42	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
41	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
40	Enhancement of the Amazonian A^ ã Waste Fibers through Variations of Alkali Pretreatment Parameters. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900275	2.5 4
39	The effect of surface modifications with corona discharge in pinus and eucalyptus nanofibril films. <i>Cellulose</i> , 2018 , 25, 5017-5033	5.5 5
38	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
37	Local variability of yield and physical properties of a^ ã 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
36	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
35	TRANSFORMA^ ã DA CASCA DE ARROZ EM UM PRODUTO DE MAIOR VALOR AGREGADO: POTENCIAL PARA A PRODU^ ã DE PAIN^ ãS PARTICULADOS. <i>Ciencia Florestal</i> , 2017 , 27, 303	1.1 8
34	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
33	Influence of cellulose viscosity and residual lignin on water absorption of nanofibril films. <i>Procedia Engineering</i> , 2017 , 200, 155-161	14
32	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
31	Nanocellulose Films from Amazon Forest Wood Wastes: Structural and Thermal Properties. <i>Key Engineering Materials</i> , 2015 , 668, 110-117	0.4 7
30	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
29	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
28	Use of Coffee Plant Stem in the Production of Conventional Particleboards. <i>Key Engineering Materials</i> , 2014 , 600, 703-708	0.4 4
27	Chemical treatment of banana tree pseudostem particles aiming the production of particleboards. <i>Ciencia E Agrotecnologia</i> , 2014 , 38, 43-49	1.6 6
26	Avalia^ ã da qualidade da madeira de Coffea arabica L. como fonte de bioenergia. <i>Cerne</i> , 2014 , 20, 541-549	5

25	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
24	Evaluation of Mechanical Properties of Adobe Chemically Stabilized with "Synthetic Termite Saliva". <i>Key Engineering Materials</i> , 2014 , 600, 150-155	0.4	3
23	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
22	Inclusion of Lignocellulosic Fibers in Plastic Composites. <i>Key Engineering Materials</i> , 2014 , 600, 442-446	0.4	
21	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
20	NaOH Treatment Impact in the Dimensional Stability of Banana Pseudostem Particleboard Panels. <i>Key Engineering Materials</i> , 2014 , 600, 447-451	0.4	2
19	Resist^ Rcia 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
18	Umidade de equil^ Rrio de pain^ Is OSB de clones de Eucalyptus urophylla. <i>Cerne</i> , 2014 , 20, 519-528	0.7	3
17	An^ Rse da qualidade do encolamento de part^ Rulas de pain^ Is OSB em condi^ REs de laborat^ Rio. <i>Cerne</i> , 2014 , 20, 501-508	0.7	2
16	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
15	Propriedades f^ Rico-mec^ Ricas de pain^ Is LVL produzidos com tr^ R esp^ Rties amaz^ Ricas. <i>Cerne</i> , 2013 , 19, 407-413	0.7	5
14	T^ Rnicas multivariadas aplicadas ^ Ravalia^ ROb de res^ Ruos lignocelul^ Ricos para a produ^ ROb de bioenergia. <i>Ciencia Florestal</i> , 2013 , 23,	1.1	5
13	Lignocellulosic Composites Made from Agricultural and Forestry Wastes in Brazil. <i>Key Engineering Materials</i> , 2012 , 517, 556-563	0.4	9
12	Torrefa^ ROb e carboniza^ ROb de briquetes de res^ Ruos do processamento dos gr^ ROs de caf^ R. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2012 , 16, 1252-1258	0.9	7
11	Correla^ REs can^ Ricas entre as caracter^ Ricas qu^ Ricas e energ^ Ricas de res^ Ruos lignocelul^ Ricos. <i>Cerne</i> , 2012 , 18, 433-439	0.7	12
10	Caracteriza^ ROb qu^ Rica e energ^ Rica para aproveitamento da madeira de costaneira e desbaste de cedro australiano. <i>Pesquisa Florestal Brasileira</i> , 2012 , 32, 13-21	0.5	6
9	Brazilian Lignocellulosic Wastes for Bioenergy Production: Characterization and Comparison with Fossil Fuels. <i>BioResources</i> , 2012 , 8,	1.3	30
8	Mistura de tr^ R esp^ Rties de reflorestamento na produ^ ROb de pain^ Is cimento-madeira. <i>Revista Arvore</i> , 2012 , 36, 549-557	1	3

LIST OF PUBLICATIONS

7	Modelagem de Propriedades Físicas e Mecânicas em Painéis Aglomerados de Cedro Australiano. <i>Floresta E Ambiente</i> , 2012, 19, 243-249	1	4
6	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
5	Sobrevivência de operários do cupim-de-montão <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
4	Propriedades físicas de painéis aglomerados comerciais confeccionados com bagaço de cana e madeira. <i>Floresta E Ambiente</i> , 2011, 18, 178-185	1	7
3	Avaliação das propriedades físico-mecânicas de painéis compensados de <i>Toona ciliata</i> M. Roem. var. <i>australis</i> . <i>Cerne</i> , 2011, 17, 103-108	0.7	4
2	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
1	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	0