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.. *Materials*, **2022**, 15,	3.5	1
58	Copaiba oil and vegetal tannin as functionalizing agents for aˆ ßi nanofibril films: valorization of forest wastes from Amazonia.. *Environmental Science and Pollution Research*, **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. *Renewable Energy*, **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. *Journal of Forestry Research*, **2021**, 32, 211-224	2	0
55	Exfoliating Agents for Skincare Soaps Obtained from the Crabwood Waste Bagasse, a Natural Abrasive from Amazonia. *Waste and Biomass Valorization*, **2021**, 12, 4441	3.2	1
54	Chitosan-based films reinforced with cellulose nanofibrils isolated from Euterpe oleraceae MART. *Polymers From Renewable Resources*, **2021**, 12, 46-59	0.4	0
53	Superabsorbent ability polymer to reduce the bulk density of extruded cement boards. *Journal of Building Engineering*, **2021**, 43, 103130	5.2	
52	Relating features and combustion behavior of biomasses from the Amazonian agroforestry chain. *Biomass Conversion and Biorefinery*, **2020**, 1	2.3	8
51	Influence of thermal treatment of eucalyptus fibers on the physical-mechanical properties of extruded fiber-cement composites. *Materials Today: Proceedings*, **2020**, 31, S348-S352	1.4	3
50	Coconut fibers and quartzite wastes for fiber-cement production by extrusion. *Materials Today: Proceedings*, **2020**, 31, S309-S314	1.4	11
49	Comparaˆ ßo da qualidade dos tecidos do pecˆ ßlo de buriti (Mauritia flexuosa L. f.) para combustˆ ßo e carbonizaˆ ßo. *Ciencia Florestal*, **2020**, 30, 516	1.1	2
48	Charcoal of logging wastes from sustainable forest management for industrial and domestic uses in the Brazilian Amazonia. *Biomass and Bioenergy*, **2020**, 142, 105804	5.3	1
47	Logging wastes from sustainable forest management as alternative fuels for thermochemical conversion systems in Brazilian Amazon. *Biomass and Bioenergy*, **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. *Biomass and Bioenergy*, **2020**, 143, 105835	5.3	4
45	Quality attributes of commercial charcoals produced in Amapˆ a Brazilian state located in the Amazonia. *Environment, Development and Sustainability*, **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. *SN Applied Sciences*, **2019**, 1, 1	1.8	4

43	The properties of the mesocarp fibers of patauˆ a multiple-use palm from the Amazonia forest. *SN Applied Sciences*, **2019**, 1, 1	1.8	
42	Improving cellulose nanofibrillation of non-wood fiber using alkaline and bleaching pre-treatments. *Industrial Crops and Products*, **2019**, 131, 203-212	5.9	36
41	Pretreated unbleached cellulose screen reject for cement-bonded fiberboards. *European Journal of Wood and Wood Products*, **2019**, 77, 581-591	2.1	3
40	Enhancement of the Amazonian Aˆ ˆ Waste Fibers through Variations of Alkali Pretreatment Parameters. *Chemistry and Biodiversity*, **2019**, 16, e1900275	2.5	4
39	The effect of surface modifications with corona discharge in pinus and eucalyptus nanofibril films. *Cellulose*, **2018**, 25, 5017-5033	5.5	5
38	Eucalyptus wood nanofibrils as reinforcement of carrageenan and starch biopolymers for improvement of physical properties. *Journal of Tropical Forest Science*, **2018**, 30, 292-303	1	3
37	Local variability of yield and physical properties of aˆ ˆ waste and improvement of its energetic attributes by separation of lignocellulosic fibers and seeds. *Journal of Renewable and Sustainable Energy*, **2018**, 10, 053102	2.5	10
36	Impact of nanofibrillation degree of eucalyptus and Amazonian hardwood sawdust on physical properties of cellulose nanofibril films. *Wood Science and Technology*, **2017**, 51, 1095-1115	2.5	25
35	TRANSFORMAˆ O DA CASCA DE ARROZ EM UM PRODUTO DE MAIOR VALOR AGREGADO: POTENCIAL PARA A PRODUˆ O DE PAINˆ S PARTICULADOS. *Ciencia Florestal*, **2017**, 27, 303	1.1	8
34	Diameter distribution in a Brazilian tropical dry forest domain: predictions for the stand and species. *Anais Da Academia Brasileira De Ciencias*, **2017**, 89, 1189-1203	1.4	14
33	Influence of cellulose viscosity and residual lignin on water absorption of nanofibril films. *Procedia Engineering*, **2017**, 200, 155-161		14
32	Alternative compositions of oriented strand boards (OSB) made with commercial woods produced in Brazil. *Maderas: Ciencia Y Tecnologia*, **2015**, 0-0	1	5
31	Nanocellulose Films from Amazon Forest Wood Wastes: Structural and Thermal Properties. *Key Engineering Materials*, **2015**, 668, 110-117	0.4	7
30	How the chemical nature of Brazilian hardwoods affects nanofibrillation of cellulose fibers and film optical quality. *Cellulose*, **2015**, 22, 3657-3672	5.5	41
29	Biocomposite of Cassava Starch Reinforced with Cellulose Pulp Fibers Modified with Deposition of Silica (SiO2) Nanoparticles. *Journal of Nanomaterials*, **2015**, 2015, 1-9	3.2	21
28	Use of Coffee Plant Stem in the Production of Conventional Particleboards. *Key Engineering Materials*, **2014**, 600, 703-708	0.4	4
27	Chemical treatment of banana tree pseudostem particles aiming the production of particleboards. *Ciencia E Agrotecnologia*, **2014**, 38, 43-49	1.6	6
26	Avaliaˆ o da qualidade da madeira de Coffea arabica L. como fonte de bioenergia. *Cerne*, **2014**, 20, 541-549	5.7	5

25	Options for Chemical Modification of Wastes from a Brazilian Hardwood Species and Potential Applications. *Key Engineering Materials*, **2014**, 634, 321-328	0.4	1
24	Evaluation of Mechanical Properties of Adobe Chemically Stabilized with "Synthetic Termite Saliva". *Key Engineering Materials*, **2014**, 600, 150-155	0.4	3
23	Evaluation of reaction factors for deposition of silica (SiOâ) nanoparticles on cellulose fibers. *Carbohydrate Polymers*, **2014**, 114, 424-431	10.3	50
22	Inclusion of Lignocellulosic Fibers in Plastic Composites. *Key Engineering Materials*, **2014**, 600, 442-446	0.4	
21	New products made with lignocellulosic nanofibers from Brazilian amazon forest. *IOP Conference Series: Materials Science and Engineering*, **2014**, 64, 012012	0.4	9
20	NaOH Treatment Impact in the Dimensional Stability of Banana Pseudostem Particleboard Panels. *Key Engineering Materials*, **2014**, 600, 447-451	0.4	2
19	Resistˆ ncia das madeiras de pinus, cedro australiano e seus produtos derivados ao ataque de Cryptotermes brevis. *Cerne*, **2014**, 20, 433-439	0.7	2
18	Umidade de equilˆ brio de painˆ ls OSB de clones de Eucalyptus urophylla. *Cerne*, **2014**, 20, 519-528	0.7	3
17	Anˆ lise da qualidade do encolamento de partˆ culas de painˆ ls OSB em condiˆ ˜es de laboratˆ rio. *Cerne*, **2014**, 20, 501-508	0.7	2
16	Relation of transverse air permeability with physical properties in different compositions of sugarcane bagasse particleboards. *Materials Research*, **2013**, 16, 150-157	1.5	2
15	Propriedades fˆ sico-mecˆ nicas de painˆ ls LVL produzidos com trˆ s espˆ cies amazˆ nicas. *Cerne*, **2013**, 19, 407-413	0.7	5
14	Tˆ cnicas multivariadas aplicadas ˆ avaliaˆ ˜ de resˆ duos lignocelulˆ sicos para a produˆ ˜ de bioenergia. *Ciencia Florestal*, **2013**, 23,	1.1	5
13	Lignocellulosic Composites Made from Agricultural and Forestry Wastes in Brazil. *Key Engineering Materials*, **2012**, 517, 556-563	0.4	9
12	Torrefaˆ ˜ e carbonizaˆ ˜ de briquetes de resˆ duos do processamento dos grˆ os de cafˆ ¦. *Revista Brasileira De Engenharia Agricola E Ambiental*, **2012**, 16, 1252-1258	0.9	7
11	Correlaˆ ˜es canˆ nicas entre as caracterˆ sticas quˆ micas e energˆ ticas de resˆ duos lignocelulˆ sicos. *Cerne*, **2012**, 18, 433-439	0.7	12
10	Caracterizaˆ ˜ quˆ mica e energˆ tica para aproveitamento da madeira de costaneira e desbaste de cedro australiano. *Pesquisa Florestal Brasileira*, **2012**, 32, 13-21	0.5	6
9	Brazilian Lignocellulosic Wastes for Bioenergy Production: Characterization and Comparison with Fossil Fuels. *BioResources*, **2012**, 8,	1.3	30
8	Mistura de trˆ s espˆ cies de reflorestamento na produˆ ˜ de painˆ ls cimento-madeira. *Revista Arvore*, **2012**, 36, 549-557	1	3

7	Modelagem de Propriedades Fˆ ßicas e Mecˆ ßicas em Painˆ ls Aglomerados de Cedro Australiano. *Floresta E Ambiente*, **2012**, 19, 243-249	1	4
6	Relaˆ ßß entre o poder calorˆ ßico superior e os componentes elementares e minerais da biomassa vegetal. *Pesquisa Florestal Brasileira*, **2011**, 31, 113-122	0.5	31
5	Sobrevivˆ ßcia de operˆ ßios do cupim-de-montˆ ßulo Cornitermes cumulans (Kollar, 1832) (Isoptera: Termitidae) alimentados com diferentes dietas artificiais. *Arquivos Do Instituto Biologico*, **2011**, 78, 151-154	1.6	2
4	Propriedades fˆ ßicas de painˆ ls aglomerados comerciais confeccionados com bagaˆ ßo de cana e madeira. *Floresta E Ambiente*, **2011**, 18, 178-185	1	7
3	Avaliaˆ ßß das propriedades fˆ ßico-mecˆ ßicas de painˆ ls compensados de Toona ciliata M. Roem. var. australis. *Cerne*, **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. *International Journal of Environmental Science and Technology*,1	3.3	0
1	Exploiting the Amazonian Aˆ ßaˆ ßPalm Leaves Potential as Reinforcement for Cement Composites through Alkali and Bleaching Treatments. *Journal of Natural Fibers*,1-14	1.8	0