

Christophe Belloncle

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

412
citations

759233

12
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical behaviour of different binaphthalene crown ethers. New electroformed polymer films as potential macromolecular hosts. <i>Synthetic Metals</i> , 1998, 93, 115-122.	3.9	55
2	UV light impact on ellagitannins and wood surface colour of European oak (<i>Quercus petraea</i> and <i>Q. robur</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1010-1017.	6.1	47
3	Extraction and characterization of cellulose nanocrystals from post-consumer wood fiberboard waste. <i>Cellulose</i> , 2017, 24, 2125-2137.	4.9	44
4	Wood-based litter in poultry production: a review. <i>World's Poultry Science Journal</i> , 2019, 75, 5-16.	3.0	32
5	Advanced recycling of post-consumer solid wood and MDF. <i>Wood Material Science and Engineering</i> , 2019, 14, 19-23.	2.3	30
6	Testing the Antimicrobial Characteristics of Wood Materials: A Review of Methods. <i>Antibiotics</i> , 2020, 9, 225.	3.7	22
7	Antimicrobial Characteristics of Untreated Wood: Towards a Hygienic Environment. <i>Health</i> , 2019, 11, 152-170.	0.3	22
8	Oak in Hospitals, the Worst Enemy of <i>Staphylococcus aureus</i> ? <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 382-384.	1.8	19
9	Slow pyrolysis of CCB-treated wood for energy recovery: Influence of chromium, copper and boron on pyrolysis process and optimization. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 210-217.	5.5	16
10	Catalytic hydroliquefaction of charcoal CCB (copper, chromium and boron)-treated wood for bio-oil production: Influence of CCB salts, residence time and catalysts. <i>Applied Energy</i> , 2014, 115, 57-64.	10.1	13
11	Electroactive polymers possessing crown ether sites. Anodic polymerization of dinaphtho-18-crown-6 compared with the anodic behaviour of 2,3-dialkoxynaphthalenes. <i>Synthetic Metals</i> , 1995, 75, 103-110.	3.9	12
12	Influence of impregnation method on metal retention of CCB-treated wood in slow pyrolysis process. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 172-176.	12.4	12
13	Direct screening method to assess antimicrobial behavior of untreated wood. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 319-322.	2.9	11
14	Hygienic Perspectives of Wood in Healthcare Buildings. <i>Hygiene</i> , 2021, 1, 12-23.	1.7	10
15	Survival of Bacterial Strains on Wood (<i>Quercus petraea</i>) Compared to Polycarbonate, Aluminum and Stainless Steel. <i>Antibiotics</i> , 2020, 9, 804.	3.7	9
16	Efficiency of Different Acetylation Methods Applied to Cellulose Fibers Waste from Pulp and Paper Mill Sludge. <i>Journal of Natural Fibers</i> , 2022, 19, 185-198.	3.1	8
17	Effects of machining parameters on raised grain occurring after the application of water-based finishes. <i>European Journal of Wood and Wood Products</i> , 2018, 76, 1323-1333.	2.9	7
18	Experimental Parameters Influence the Observed Antimicrobial Response of Oak Wood (<i>Quercus</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1010-1017.	3.7	7

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19	Fungal and bacterial colonies growing on weathered wood surfaces. Wood Material Science and Engineering, 2019, 14, 33-41.	2.3	6
20	Electrochemical behaviour of different binaphthalene crown ethers.. Journal of Electroanalytical Chemistry, 1998, 444, 101-112.	3.8	5
21	Combination of pyrolysis and hydroliquefaction of CCB-treated wood for energy recovery: Optimization and products characterization. Bioresource Technology, 2012, 118, 315-322.	9.6	5
22	Classification of treated wood using Fourier transform near infrared spectroscopy and multivariate data analysis. International Wood Products Journal, 2013, 4, 116-121.	1.1	5
23	Substitution of formaldehyde based adhesives with soy based adhesives in production of low formaldehyde emission wood based panels. Part 1 – Plywood. International Wood Products Journal, 2013, 4, 30-32.	1.1	4
24	Wood materials for limiting the bacterial reservoir on surfaces in hospitals: would it be worthwhile to go further?. Future Microbiology, 2020, 15, 1431-1437.	2.0	4
25	Confocal spectral microscopy, a non-destructive approach to follow contamination and biofilm formation of mCherry Staphylococcus aureus on solid surfaces. Scientific Reports, 2021, 11, 15574.	3.3	3
26	Utilisations villageoises et potentialités technologiques des bois de forêts secondaires dans le Menabe central, Madagascar. Bois Et Forets Des Tropiques, 2014, 320, 59.	0.2	3
27	Artificial and natural weathering of fire proofed wood cladding. MATEC Web of Conferences, 2013, 9, 06004.	0.2	1
28	A study of the mobility of formaldehyde during hot-pressing of particleboard mattresses. International Wood Products Journal, 2014, 5, 151-155.	1.1	0
29	Antimicrobial Activity of Oak Wood Against Nosocomial Acinetobacter Baumannii of Human and Animal Origin: A One Health Approach. Environmental Science and Engineering, 2021, , 2413-2417.	0.2	0