Nadine Amusant

List of Publications by Year
in descending order

20 papers	322 citations	759233 12 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	400 citing authors

#	Article	IF	Citations
1	Relationships between biochemical attributes (non-structural carbohydrates and phenolics) and natural durability against fungi in dry teak wood (Tectona grandis L. f.). Annals of Forest Science, 2011, 68, 201-211.	2.0	30
2	Dicorynamine and harmalan-N-oxide, two new Î²-carboline alkaloids from Dicorynia guianensis Amsh heartwood. Phytochemistry Letters, 2015, 12, 158-163.	1.2	28
3	Decay resistance inDicorynia guianensisAmsh.: analysis of inter-tree and intra-tree variability and relations with wood colour. Annals of Forest Science, 2004, 61, 373-380.	2.0	24
4	Wood Density Variations of Legume Trees in French Guiana along the Shade Tolerance Continuum: Heartwood Effects on Radial Patterns and Gradients. Forests, 2019, 10, 80.	2.1	24
5	Chemical compounds from Eperua falcata and Eperua grandiflora heartwood and their biological activities against wood destroying fungus (Coriolus versicolor). European Journal of Wood and Wood Products, 2007, 65, 23-28.	2.9	23
6	The termiticidal activity of <i>Sextonia rubra</i> (Mez) van der Werff (Lauraceae) extract and its active constituent rubrynolide. Pest Management Science, 2011, 67, 1420-1423.	3.4	23
7	4â€²,5â€²-Dihydroxy-epiisocatalponol, a new naphthoquinone from Tectona grandis L. f. heartwood, and fungicidal activity. International Biodeterioration and Biodegradation, 2012, 74, 93-98.	3.9	20
8	The wood preservative potential of long-lasting Amazonian wood extracts. International Biodeterioration and Biodegradation, 2012, 75, 146-149.	3.9	20
9	Biosynthetic investigation of Î³-lactones in Sextonia rubra wood using in situ TOF-SIMS MS/MS imaging to localize and characterize biosynthetic intermediates. Scientific Reports, 2019, 9, 1928.	3.3	20
10	Tandem Mass Spectrometry Imaging and in Situ Characterization of Bioactive Wood Metabolites in Amazonian Tree Species Sextonia rubra. Analytical Chemistry, 2018, 90, 7535-7543.	6.5	17
11	The role of extractives in the natural durability of the heartwood of Dicorynia guianensis Amsh: new insights in antioxydant and antifungal properties. Annals of Forest Science, 2018, 75, 1.	2.0	14
12	Fungal Glutathione Transferases as Tools to Explore the Chemical Diversity of Amazonian Wood Extractives. ACS Sustainable Chemistry and Engineering, 2018, 6, 13078-13085.	6.7	14
13	Rapid Prediction of Phenolic Compounds as Chemical Markers for the Natural Durability of Teak (Tectona Grandis Linn f.) Heartwood by near Infrared Spectroscopy. Journal of Near Infrared Spectroscopy, 2014, 22, 35-43.	1.5	12
14	Biological properties of an OSB eco-product manufactured from aÂmixture of durable and non durable species and natural resins. European Journal of Wood and Wood Products, 2009, 67, 439.	2.9	10
15	Mapping <i>Dicorynia guianensis</i> Amsh. wood constituents by submicron resolution clusterâ€TOFâ€SIMS imaging. Journal of Mass Spectrometry, 2016, 51, 412-423.	1.6	10
16	A reverse chemical ecology approach to explore wood natural durability. Microbial Biotechnology, 2020, 13, 1673-1677.	4.2	9
17	Essential Oil Yield in Rosewood (Aniba Rosaeodora Ducke): Initial Application of Rapid Prediction by near Infrared Spectroscopy Based on Wood Spectra. Journal of Near Infrared Spectroscopy, 2016, 24, 507-515.	1.5	7
18	Heartwood formation process in teak (<i>Tectona grandis</i> L. f): fate of non-structural carbohydrates and characterization of forsythoside B. International Journal of Biological and Chemical Sciences, 2018, 12, 1102.	0.2	7

#	Article	IF	Citations
19	Mechanical potential of eco-OSB produced from durable and nondurable species and natural resins. Holzforschung, 2010, 64, .	1.9	6
20	Glutathione Transferases: Surrogate Targets for Discovering Biologically Active Compounds. Journal of Natural Products, 2020, 83, 2960-2966.	3.0	4