

# Fabrício Augusto Hansel

## List of Publications by Year in descending order

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32  
papers

878  
citations

623574

14  
h-index

477173

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ilex paraguariensis: the effect of genotypes and growth phase on biomass, secondary metabolism and antioxidant activity of in vitro cultivated calli. Boletín Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas, 2022, 21, 548-560.	0.2	0
2	Antioxidant, antibacterial and antitumoural activities of kraft lignin from hardwood fractionated by acid precipitation. International Journal of Biological Macromolecules, 2021, 166, 1535-1542.	3.6	57
3	Acetone:Water fractionation of pyrolytic lignin improves its antioxidant and antibacterial activity. Journal of Analytical and Applied Pyrolysis, 2021, 156, 105175.	2.6	17
4	Earthworm-biochar interactions: A laboratory trial using Pontoscolex corethrurus. Science of the Total Environment, 2021, 777, 146147.	3.9	8
5	Chemical and structural characterization of hardwood and softwood LignoForce <sup>®</sup> lignins. Industrial Crops and Products, 2021, 173, 114138.	2.5	39
6	Effect of cellulose size-concentration on the structure of polyvinyl alcohol hydrogels. Carbohydrate Polymers, 2020, 245, 116612.	5.1	42
7	Pilot-Scaled Fast-Pyrolysis Conversion of Eucalyptus Wood Fines into Products: Discussion Toward Possible Applications in Biofuels, Materials, and Precursors. Bioenergy Research, 2020, 13, 411-422.	2.2	16
8	Callus culture as a new approach for the production of high added value compounds in Ilex paraguariensis: genotype influence, medium optimization and compounds identification. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181251.	0.3	3
9	Chemical compounds in Neotropical fruit bat-plant interactions. Mammalian Biology, 2019, 94, 92-97.	0.8	3
10	The evaluation of the potential ecotoxicity of pyroligneous acid obtained from fast pyrolysis. Ecotoxicology and Environmental Safety, 2019, 180, 616-623.	2.9	15
11	Thermal profile of 4,4-dinitrocarbanilide determined by thermogravimetry-differential scanning calorimetry-mass spectrometry (TG-DSC-MS) and pyrolysis-gas chromatography-mass spectrometry 2.0 (Py-GC-MS). Journal of Thermal Analysis and Calorimetry, 2019, 138, 697-701.		7
12	Determination of volatile organic compounds in eucalyptus fast pyrolysis bio-oil by full evaporation headspace gas chromatography. Talanta, 2018, 176, 47-51.	2.9	14
13	Simultaneous pyrolysis and trimethylsilylation with N-methyl-(trimethylsilyl) trifluoroacetamide for the characterisation of lignocellulosic materials from kraft pulping. Holzforschung, 2018, 72, 851-862.	0.9	4
14	Evaluation of biotechnological processes to obtain ethanol from recycled paper sludge. Journal of Material Cycles and Waste Management, 2017, 19, 463-472.	1.6	18
15	Pyrolysis-gas chromatography-mass spectrometry Kovats retention index of pyrolysis products of lignocellulosic materials. Journal of Analytical and Applied Pyrolysis, 2017, 126, 332-336.	2.6	11
16	Evaluation of occurrence of NO <sub>3</sub> <sup>-</sup> , Coliform and atrazine in a karst aquifer, Colombo, PR. Revista Brasileira De Recursos Hidricos, 2017, 22, .	0.5	3
17	Soil Animals and Pedogenesis. Soil Science, 2016, 181, 110-125.	0.9	40
18	Evolved gas analysis (TG-DSC-FTIR) and (Pyr-GC-MS) in the disposal of medicines (aceclofenac). Journal of Analytical and Applied Pyrolysis, 2016, 119, 157-161.	2.6	13

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19	Hardwood and softwood kraft lignins fractionation by simple sequential acid precipitation. Separation and Purification Technology, 2015, 154, 82-88.	3.9	112
20	Thermally assisted hydrolysis and methylation (THM) analysis: A new perspective for biochemical investigation of fatty acid composition in enchytraeid tissues. Journal of Analytical and Applied Pyrolysis, 2014, 110, 470-475.	2.6	1
21	Organic geochemical evaluation of organic acids to assess anthropogenic soil deposits of Central Amazon, Brazil. Organic Geochemistry, 2013, 58, 96-106.	0.9	18
22	Allelopathic effects of <i>Araucaria angustifolia</i> needle extracts in the growth of <i>Lactuca sativa</i> seeds. Journal of Forest Research, 2012, 17, 440-445.	0.7	13
23	Molecular and morphological characterization of hydrochar produced by microwave-assisted hydrothermal carbonization of cellulose. Pesquisa Agropecuaria Brasileira, 2012, 47, 687-692.	0.9	25
24	Chemical Composition of Essential Oils from Ripe and Unripe Fruits of <i>Piper amalago</i> L. var. <i>medium</i> (Jacq.) Yunck and <i>Piper hispidum</i> Sw.. Journal of Essential Oil Research, 2011, 23, 54-58.	1.3	12
25	Gas chromatographic mass spectrometric detection of dihydroxy fatty acids preserved in the "bound" phase of organic residues of archaeological pottery vessels. Rapid Communications in Mass Spectrometry, 2011, 25, 1893-1898.	0.7	34
26	Micropropagation of an Eucalyptus hybrid ( <i>Eucalyptus benthamii</i> x <i>Eucalyptus dunnii</i> ). Acta Scientiarum - Agronomy, 2011, 33, .	0.6	23
27	Mini-cuttings technique: a new ex vitro method for clonal propagation of sweetgum. New Forests, 2010, 39, 343-353.	0.7	45
28	Formation of dihydroxy acids from Z-monounsaturated alkenoic acids and their use as biomarkers for the processing of marine commodities in archaeological pottery vessels. Tetrahedron Letters, 2009, 50, 5562-5564.	0.7	58
29	Comparison of two alkaline treatments in the extraction of organic compounds associated with water repellency in soil under <i>Pinus taeda</i> . Geoderma, 2008, 148, 167-172.	2.3	25
30	Lipídios em sedimentos arqueológicos: resultados preliminares do sítio arqueológico Rio do Meio, Ilha de Santa Catarina (SC). Revista Brasileira De Ciencia Do Solo, 2008, 32, 133-140.	0.5	2
31	Arqueologia biomolecular: passos preliminares para interpretações sobre a origem dos resíduos orgânicos preservados em fragmentos de cerâmica pré-colonial no Brasil. Quimica Nova, 2006, 29, 422-428.	0.3	4
32	Thermally produced $\beta$ -(o-alkylphenyl)alkanoic acids provide evidence for the processing of marine products in archaeological pottery vessels. Tetrahedron Letters, 2004, 45, 2999-3002.	0.7	196