

Fabrcio Augusto Hansel

List of Publications by Citations

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31
papers

598
citations

12
h-index

24
g-index

32
ext. papers

705
ext. citations

3.8
avg, IF

3.82
L-index

#	Paper	IF	Citations
31	Thermally produced E(o-alkylphenyl)alkanoic acids provide evidence for the processing of marine products in archaeological pottery vessels. <i>Tetrahedron Letters</i> , 2004 , 45, 2999-3002	2	166
30	Hardwood and softwood kraft lignins fractionation by simple sequential acid precipitation. <i>Separation and Purification Technology</i> , 2015 , 154, 82-88	8.3	78
29	Formation of dihydroxy acids from Z-monounsaturated alkenoic acids and their use as biomarkers for the processing of marine commodities in archaeological pottery vessels. <i>Tetrahedron Letters</i> , 2009 , 50, 5562-5564	2	51
28	Soil Animals and Pedogenesis. <i>Soil Science</i> , 2016 , 181, 110-125	0.9	31
27	Mini-cuttings technique: a new ex vitro method for clonal propagation of sweetgum. <i>New Forests</i> , 2010 , 39, 343-353	2.6	31
26	Gas chromatographic mass spectrometric detection of dihydroxy fatty acids preserved in the bound phase of organic residues of archaeological pottery vessels. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 1893-8	2.2	28
25	Antioxidant, antibacterial and antitumoural activities of kraft lignin from hardwood fractionated by acid precipitation. <i>International Journal of Biological Macromolecules</i> , 2021 , 166, 1535-1542	7.9	26
24	Molecular and morphological characterization of hydrochar produced by microwave-assisted hydrothermal carbonization of cellulose. <i>Pesquisa Agropecuaria Brasileira</i> , 2012 , 47, 687-692	1.8	22
23	Comparison of two alkaline treatments in the extraction of organic compounds associated with water repellency in soil under Pinus taeda. <i>Geoderma</i> , 2008 , 148, 167-172	6.7	17
22	Evaluation of biotechnological processes to obtain ethanol from recycled paper sludge. <i>Journal of Material Cycles and Waste Management</i> , 2017 , 19, 463-472	3.4	16
21	Organic geochemical evaluation of organic acids to assess anthropogenic soil deposits of Central Amazon, Brazil. <i>Organic Geochemistry</i> , 2013 , 58, 96-106	3.1	14
20	Effect of cellulose size-concentration on the structure of polyvinyl alcohol hydrogels. <i>Carbohydrate Polymers</i> , 2020 , 245, 116612	10.3	12
19	Micropropagation of an Eucalyptus hybrid (Eucalyptus benthamii x Eucalyptus dunnii). <i>Acta Scientiarum - Agronomy</i> , 2011 , 33,	0.6	12
18	Determination of volatile organic compounds in eucalyptus fast pyrolysis bio-oil by full evaporation headspace gas chromatography. <i>Talanta</i> , 2018 , 176, 47-51	6.2	12
17	The evaluation of the potential ecotoxicity of pyroligneous acid obtained from fast pyrolysis. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 180, 616-623	7	11
16	Evolved gas analysis (TG-DSC-FTIR) and (Pyr-GC-MS) in the disposal of medicines (aceclofenac). <i>Journal of Analytical and Applied Pyrolysis</i> , 2016 , 119, 157-161	6	11
15	Allelopathic effects of Araucaria angustifolia needle extracts in the growth of Lactuca sativa seeds. <i>Journal of Forest Research</i> , 2012 , 17, 440-445	1.4	11

14	Chemical Composition of Essential Oils from Ripe and Unripe Fruits of <i>Piper amalago</i> L. var. medium (Jacq.) Yunck and <i>Piper hispidum</i> Sw.. <i>Journal of Essential Oil Research</i> , 2011 , 23, 54-58	2.3	11
13	Pilot-Scaled Fast-Pyrolysis Conversion of Eucalyptus Wood Fines into Products: Discussion Toward Possible Applications in Biofuels, Materials, and Precursors. <i>Bioenergy Research</i> , 2020 , 13, 411-422	3.1	7
12	Pyrolysis-gas chromatography-mass spectrometry Kov \ddot{e} s retention index of pyrolysis products of lignocellulosic materials. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017 , 126, 332-336	6	6
11	Chemical and structural characterization of hardwood and softwood LignoForce $\text{\textcircled{R}}$ lignins. <i>Industrial Crops and Products</i> , 2021 , 173, 114138	5.9	5
10	Thermal profile of 4,4'-dinitrocarbanilide determined by thermogravimetry-differential scanning calorimetry-mass spectrometry (TG-DSC-MS) and pyrolysis-gas chromatography-mass spectrometry (Py-GC-MS). <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 697-701	4.1	4
9	Arqueologia biomolecular: passos preliminares para interpreta $\text{\c{c}}$ oes sobre a origem dos res $\text{\c{c}}$ duos org $\text{\c{a}}$ nicos preservados em fragmentos de cer $\text{\c{a}}$ mica pr $\text{\textcircled{c}}$ -colonial no Brasil. <i>Quimica Nova</i> , 2006 , 29, 422-428	1.6	4
8	Acetone:Water fractionation of pyrolytic lignin improves its antioxidant and antibacterial activity. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021 , 156, 105175	6	4
7	Chemical compounds in Neotropical fruit bat-plant interactions. <i>Mammalian Biology</i> , 2019 , 94, 92-97	1.6	3
6	Simultaneous pyrolysis and trimethylsilylation with N-methyl-(trimethylsilyl) trifluoroacetamide for the characterisation of lignocellulosic materials from kraft pulping. <i>Holzforschung</i> , 2018 , 72, 851-862	2	2
5	Evaluation of occurrence of NO $\text{\textcircled{3}}$ -Coliform and atrazine in a karst aquifer, Colombo, PR. <i>Revista Brasileira De Recursos Hidricos</i> , 2017 , 22,	1.2	1
4	Lip $\text{\c{d}}$ ios em sedimentos arqueol $\text{\c{g}}$ icos: resultados preliminares do s $\text{\c{e}}$ rio arqueol $\text{\c{g}}$ ico Rio do Meio, Ilha de Santa Catarina (SC). <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 133-140	1.5	1
3	Earthworm-biochar interactions: A laboratory trial using <i>Pontoscolex corethrurus</i> . <i>Science of the Total Environment</i> , 2021 , 777, 146147	10.2	1
2	Thermally assisted hydrolysis and methylation (THM) analysis: A new perspective for biochemical investigation of fatty acid composition in enchytraeid tissues. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014 , 110, 470-475	6	0
1	Callus culture as a new approach for the production of high added value compounds in <i>Ilex paraguariensis</i> : genotype influence, medium optimization and compounds identification. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20181251	1.4	0