

Rosangela Assis Jacques

List of Publications by Year in descending order

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55
papers

1,940
citations

218381

26
h-index

253896

43
g-index

55
all docs

55
docs citations

55
times ranked

2596
citing authors

#	ARTICLE	IF	CITATIONS
1	Beef tallow biodiesel produced in a pilot scale. <i>Fuel Processing Technology</i> , 2009, 90, 570-575.	3.7	154
2	Yellow passion-fruit shell as biosorbent to remove Cr(III) and Pb(II) from aqueous solution. <i>Separation and Purification Technology</i> , 2007, 57, 193-198.	3.9	101
3	Comparison of soxhlet, ultrasound-assisted and pressurized liquid extraction of terpenes, fatty acids and Vitamin E from <i>Piper gaudichaudianum</i> Kunth. <i>Journal of Chromatography A</i> , 2006, 1105, 115-118.	1.8	89
4	High efficiency liquid chromatography techniques coupled to mass spectrometry for the characterization of mate extracts. <i>Journal of Chromatography A</i> , 2009, 1216, 7213-7221.	1.8	89
5	Extraction of Grape Seed Oil Using Compressed Carbon Dioxide and Propane: Extraction Yields and Characterization of Free Glycerol Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2558-2564.	2.4	83
6	Pressurized liquid extraction of vitamin E from Brazilian grape seed oil. <i>Journal of Chromatography A</i> , 2008, 1200, 80-83.	1.8	74
7	Qualitative analysis of bio oils of agricultural residues obtained through pyrolysis using comprehensive two dimensional gas chromatography with time-of-flight mass spectrometric detector. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 98, 51-64.	2.6	70
8	Removal of Cu(II), Fe(III), and Cr(III) from Aqueous Solution by Aniline Grafted Silica Gel. <i>Separation Science and Technology</i> , 2007, 42, 591-609.	1.3	69
9	Ponkan peel: A potential biosorbent for removal of Pb(II) ions from aqueous solution. <i>Biochemical Engineering Journal</i> , 2008, 40, 357-362.	1.8	69
10	Production and chromatographic characterization of bio-oil from the pyrolysis of mango seed waste. <i>Industrial Crops and Products</i> , 2016, 83, 529-536.	2.5	69
11	Analysis of products from pyrolysis of Brazilian sugar cane straw. <i>Fuel Processing Technology</i> , 2012, 101, 35-43.	3.7	66
12	Influence of Agronomic Variables on the Composition of Mate Tea Leaves (<i>Ilex paraguariensis</i>) Extracts Obtained from CO ₂ Extraction at 30 °C and 175 bar. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1990-1995.	2.4	58
13	The use of ultrasound in the extraction of <i>Ilex paraguariensis</i> leaves: A comparison with maceration. <i>Ultrasonics Sonochemistry</i> , 2007, 14, 6-12.	3.8	54
14	GC/MS characterization of mate tea leaves extracts obtained from high-pressure CO ₂ extraction. <i>Journal of Supercritical Fluids</i> , 2007, 40, 354-359.	1.6	48
15	Analysis of fractions and bio-oil of sugar cane straw by one-dimensional and two-dimensional gas chromatography with quadrupole mass spectrometry (GC-MS). <i>Microchemical Journal</i> , 2013, 110, 113-119.	2.3	47
16	Influence of the temperature in the yield and composition of the bio-oil from the pyrolysis of spent coffee grounds: Characterization by comprehensive two dimensional gas chromatography. <i>Fuel</i> , 2018, 232, 572-580.	3.4	46
17	A one-dimensional and comprehensive two-dimensional gas chromatography study of the oil and the bio-oil of the residual cakes from the seeds of <i>Crambe abyssinica</i> . <i>Industrial Crops and Products</i> , 2014, 52, 8-16.	2.5	41
18	Valorization of coffee silverskin industrial waste by pyrolysis: From optimization of bio-oil production to chemical characterization by GC-MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 129, 43-52.	2.6	40

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19	Effects of aluminum sulfate on erythropoiesis in rats. <i>Toxicology Letters</i> , 2002, 132, 131-139.	0.4	39
20	Effect of experimental parameters in the pressurized liquid extraction of brazilian grape seed oil. <i>Separation and Purification Technology</i> , 2013, 116, 313-318.	3.9	39
21	Characterization of feedstock and biochar from energetic tobacco seed waste pyrolysis and potential application of biochar as an adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1279-1287.	3.3	39
22	Characterization of naphthenic acids using mass spectroscopy and chromatographic techniques: study of technical mixtures. <i>Analytical Methods</i> , 2014, 6, 807-816.	1.3	35
23	Chemical composition of mate tea leaves (<i>Ilex paraguariensis</i>): A study of extraction methods. <i>Journal of Separation Science</i> , 2006, 29, 2780-2784.	1.3	34
24	Hematological changes in rats chronically exposed to oral aluminum. <i>Toxicology</i> , 2005, 209, 29-37.	2.0	33
25	Production of activated biochar from coconut fiber for the removal of organic compounds from phenolic. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2743-2750.	3.3	32
26	Pressurized liquid extraction of mate tea leaves. <i>Analytica Chimica Acta</i> , 2008, 625, 70-76.	2.6	30
27	Characterization of the yerba mate (<i>Ilex paraguariensis</i>) volatile fraction using solid-phase microextraction-comprehensive 2D GC-MS. <i>Journal of Separation Science</i> , 2009, 32, 3755-3763.	1.3	27
28	Comprehensive two dimensional gas chromatography with fast-quadrupole mass spectrometry detector analysis of polar compounds extracted from the bio-oil from the pyrolysis of sawdust. <i>Journal of Chromatography A</i> , 2014, 1356, 236-240.	1.8	27
29	Production of rice husk bio-oil and comprehensive characterization (qualitative and quantitative) by HPLC/PDA and GC-MS. <i>Renewable Energy</i> , 2019, 135, 554-565.	4.3	27
30	Ácidos naftênicos no petrôleo. <i>Quimica Nova</i> , 2012, 35, 1423-1433.	0.3	24
31	Influence of Agronomic Variables on the Macronutrient and Micronutrient Contents and Thermal Behavior of Mate Tea Leaves (<i>Ilex paraguariensis</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7510-7516.	2.4	22
32	Comprehensive two-dimensional gas chromatography with mass spectrometry applied to the analysis of volatiles in artichoke (<i>Cynara scolymus</i> L.) leaves. <i>Industrial Crops and Products</i> , 2014, 62, 507-514.	2.5	22
33	Optimization of pressurized liquid extraction of <i>Piper gaudichaudianum</i> Kunth leaves. <i>Journal of Chromatography A</i> , 2006, 1105, 148-153.	1.8	21
34	Use of low-cost agro products as substrate in semi-continuous process to obtain carotenoids by <i>Sporidiobolus salmonicolor</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 11, 268-274.	1.5	19
35	Influence of Drying Methods and Agronomic Variables on the Chemical Composition of Mate Tea Leaves (<i>Ilex paraguariensis</i> A. St.-Hil) Obtained from High-Pressure CO ₂ Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10081-10085.	2.4	18
36	Do we truly understand pollination syndromes in <i>Petunia</i> as much as we suppose?. <i>AoB PLANTS</i> , 2018, 10, ply057.	1.2	18

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37	PrÃ©-tratamentos de melaÃ§o de cana-de-aÃ§Ãª car e Ã¡gua de maceraÃ§Ã£o de milho para a bioproduÃ§Ã£o de carotenÃ³ides. <i>Quimica Nova</i> , 2007, 30, 1860-1866.	0.3	17
38	Comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry (GC-TOFMS) for the analysis of essential oils. <i>Microchemical Journal</i> , 2015, 118, 242-251.	2.3	17
39	GC-TOFMS analysis concerning the identification of organic compounds extracted from the aqueous phase of sugarcane straw fast pyrolysis oil. <i>Biomass and Bioenergy</i> , 2016, 85, 198-206.	2.9	17
40	Pyrolysis of Residual Tobacco Seeds: Characterization of Nitrogen Compounds in Bio-oil Using Comprehensive Two-Dimensional Gas Chromatography with Mass Spectrometry Detection. <i>Energy & Fuels</i> , 2017, 31, 9402-9407.	2.5	16
41	Valorization of cotton residues for production of bio-oil and engineered biochar. <i>Energy</i> , 2021, 235, 121363.	4.5	13
42	Wine lees from the 1st and 2nd rackings: valuable by-products. <i>Journal of Food Science and Technology</i> , 2019, 56, 1559-1566.	1.4	12
43	Use of Low-Cost Agro-Industrial Substrate to Obtain Carotenoids from <i>Phaffia rhodozyma</i> in a Bioreactor. <i>Industrial Biotechnology</i> , 2019, 15, 25-34.	0.5	12
44	Quantification of nitrogen compounds in diesel fuel samples by comprehensive two-dimensional gas chromatography coupled with quadrupole mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 4071-4077.	1.3	11
45	Characterization of volatile fractions in green mate and mate leaves (<i>Ilex paraguariensis</i> A. St. Hil.) by comprehensive two-dimensional gas chromatography coupled to time-of-flight mass spectrometry (GC-TOFMS). <i>Journal of Separation Science</i> , 2015, 38, 4071-4077.	1.3	11
46	Analysis of total phenolic compounds and caffeine in teas using variable selection approach with two-dimensional fluorescence and infrared spectroscopy. <i>Microchemical Journal</i> , 2021, 169, 106570.	2.3	11
47	Chemical characterisation of <i>Piper amalago</i> (Piperaceae) essential oil by comprehensive two-dimensional gas chromatography coupled with rapid-scanning quadrupole mass spectrometry (GC-qMS) and their antilithiasic activity and acute toxicity. <i>Phytochemical Analysis</i> , 2018, 29, 432-445.	1.2	6
48	GC-qMS analyses of <i>Campomanesia guazumifolia</i> (Cambess.) O. Berg essential oils and their antioxidant and antimicrobial activity. <i>Natural Product Research</i> , 2019, 33, 593-597.	1.0	6
49	Production of volatile compounds by yeasts using hydrolysed grape seed oil obtained by immobilized lipases in continuous packed-bed reactors. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1391-1402.	1.7	6
50	ExtraÃ§Ã£o de Al(III), Cr(III) e Fe(III) de meio etanÃ³lico usando o xerogel anilinapropilÃ¡tica. <i>Quimica Nova</i> , 2004, 27, 730-733.	0.3	5
51	Chromatographic Methods Applied to the Characterization of Bio-Oil from the Pyrolysis of Agro-Industrial Biomasses. , 0, , .		3
52	Kinetic Parameters of Fed-Batch Production of Carotenoids by <i>Sporidiobolus salmonicolor</i> Using Low-Cost Agro-Industrial Substrates. <i>Industrial Biotechnology</i> , 2019, 15, 311-321.	0.5	2
53	Comprehensive Two-Dimensional Gas Chromatography and Its Application to the Investigation of Pyrolytic Liquids. , 2017, , .		1
54	Analysis of the Seasonal Variation in Chemical Profile of <i>Piper glabratum</i> Kunth Essential Oils using GC-qMS and Their Antioxidant and Antifungal Activities. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	1

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55	Composição química e potencial antifúngico do óleo essencial de jambu sob adubação orgânica e convencional. Revista Ibero-americana De Ciências Ambientais, 2020, 12, 461-470.	0.0	0