

Andre Fernando Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

554
citations

623734

14
h-index

677142

22
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51
all docs

51
docs citations

51
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and evaluation of sorption potential of the iron mine waste after Samarco dam disaster in Doce River basin – Brazil. <i>Chemosphere</i> , 2018, 209, 411-420.	8.2	62
2	Assessment of the durability of grout submitted to accelerated carbonation test. <i>Construction and Building Materials</i> , 2018, 159, 261-268.	7.2	44
3	Building robust models for identification of adulteration in olive oil using FT-NIR, PLS-DA and variable selection. <i>Food Chemistry</i> , 2021, 345, 128866.	8.2	40
4	Asynchronous merging zones system: spectrophotometric determination of Fe(II) and Fe(III) in pharmaceutical products. <i>Talanta</i> , 1999, 49, 505-510.	5.5	35
5	Pesticide residue removal in classic domestic processing of tomato and its effects on product quality. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 850-857.	1.5	34
6	Effects of ozone fumigation treatment on the removal of residual difenoconazole from strawberries and on their quality. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 94-101.	1.5	32
7	Synthesis of polymetallic nanoparticles from spent lithium-ion batteries and application in the removal of reactive blue 4 dye. <i>Journal of Cleaner Production</i> , 2018, 202, 264-272.	9.3	30
8	Use of ozone and detergent for removal of pesticides and improving storage quality of tomato. <i>Food Research International</i> , 2019, 125, 108626.	6.2	26
9	Environmental remediation processes by zero valence copper: reaction mechanisms. <i>Environmental Science and Pollution Research</i> , 2019, 26, 14883-14903.	5.3	23
10	Spectrophotometric Determination of Iodate in Table Salt. <i>Journal of the Brazilian Chemical Society</i> , 1998, 9, 171-174.	0.6	21
11	Biochars obtained from arabica coffee husks by a pyrolysis process: characterization and application in Fe(II) removal in aqueous systems. <i>New Journal of Chemistry</i> , 2020, 44, 3310-3322.	2.8	21
12	Study of ciprofloxacin degradation by zero-valent copper nanoparticles. <i>Chemical Papers</i> , 2019, 73, 249-260.	2.2	18
13	Mobility and persistence of the herbicide fomesafen in soils cultivated with bean plants using SLE/LTP and HPLC/DAD. <i>Environmental Science and Pollution Research</i> , 2015, 22, 3457-3466.	5.3	16
14	Synthesis of polymetallic nanoparticles from printed circuit board waste and application in textile dye remediation. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5580-5586.	6.7	16
15	Headspace solid phase microextraction-gas chromatography for the determination of trihalomethanes in fish. <i>Microchemical Journal</i> , 2017, 133, 539-544.	4.5	13
16	Aqueous ozone solutions for pesticide removal from potatoes. <i>Food Science and Technology International</i> , 2016, 22, 752-758.	2.2	12
17	Evaluation of a high sensitivity PbO ₂ pH-sensor. <i>Talanta</i> , 2005, 66, 225-228.	5.5	10
18	Otimização, validação e aplicação de método para determinação da concentração residual de difenoconazol em morangos após múltiplas aplicações. <i>Química Nova</i> , 2014, 37, 153-157.	0.3	10

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19	Flow injection spectrophotometric determination of reducing sugars using a focalized coiled reactor in a domestic microwave oven. <i>Talanta</i> , 1999, 50, 899-904.	5.5	9
20	Textile effluent treatment using a fixed bed reactor using bimetallic Fe/Ni nanoparticles supported on chitosan spheres. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104133.	6.7	8
21	Focused-microwave-assisted reaction in flow injection spectrophotometry: a new liquid-vapor separation chamber for determination of reducing sugars in wine. <i>Talanta</i> , 2001, 55, 677-684.	5.5	7
22	A new spectrophotometric method for determination of EDTA in water using its complex with Mn(III). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 253-257.	3.9	7
23	The efficacy of washing strategies in the elimination of fungicide residues and the alterations on the quality of bell peppers. <i>Food Research International</i> , 2021, 147, 110579.	6.2	7
24	Direct Introduction of Water Sample in Multisegmented Flow-Injection Analysis for Sulfide Determination. <i>Analytical Sciences</i> , 2011, 27, 309-313.	1.6	6
25	Estudo da adsorção de brometo de etídeo em resina XAD-7. <i>Quimica Nova</i> , 2009, 32, 1134-1138.	0.3	5
26	Ozone Treatment for the Removal of Residual Chlorothalonil and Effects on the Quality of Table Grapes. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	4
27	Study of Cu NPs reactivity for compounds with different chemical structures: Black reactive dye 5, picric acid and 2,4-D herbicide. <i>Chemosphere</i> , 2019, 235, 749-756.	8.2	4
28	Sequential determinations by confluent reagent introduction in the sample loop: system characteristics and applications. <i>Analytica Chimica Acta</i> , 1998, 366, 281-285.	5.4	3
29	TitGer: uma planilha eletrônica para simulação de titulação de mistura de compostos polipróticos. <i>Quimica Nova</i> , 2007, 30, 224-228.	0.3	3
30	Effect of the Incorporation of Sugarcane Bagasse Biochar in Leaching and Bioavailability of Clomazone in Soil. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
31	Optimization and validation of the salting-out assisted liquid-liquid extraction method and analysis by gas chromatography to determine pesticides in water. <i>Ecletica Quimica</i> , 2018, 43, 11.	0.5	3
32	DEVELOPMENT OF A METHOD FOR THE DETERMINATION OF AMOXICILLIN IN CAPSULES BY POTENTIOMETRIC TITRATION. <i>The Journal of Engineering and Exact Sciences</i> , 2018, 4, 0234-0239.	0.1	3
33	BUFFERING FUNCTION: A GENERAL APPROACH FOR BUFFER BEHAVIOR. <i>The Journal of Engineering and Exact Sciences</i> , 2020, 6, 0387-0396.	0.1	3
34	Coated-Carbon Rod Ion-Selective Electrode for the Determination of Niobium in Citric Medium. <i>Analytical Letters</i> , 1992, 25, 2187-2198.	1.8	2
35	Turbidimetric determination of orthophosphate in digested plant material by flow-injection analysis. <i>Laboratory Robotics and Automation</i> , 2000, 12, 236-240.	0.2	2
36	Single Drop Microextraction: a Sensitive Multi-residue Method for Determination of Pesticides in Water Using GC/ECD. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	2

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37	Determination of Pesticides in Soil Using a Hyphenated Extraction Technique. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
38	Degradation of the Direct Red 80 dye by chitosan bead-supported Fe/Ni nanoparticles in a fluidized bed reactor. Chemical Papers, 2020, 74, 3367-3381.	2.2	2
39	Determination of quinclorac by adsorptive stripping voltammetry in rice samples without sample pretreatment. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 828-837.	1.5	2
40	Desenvolvimento de um titulador baseado na contagem de gotas. Quimica Nova, 2010, 33, 721-724.	0.3	1
41	Modelling of Lead Migration from Electronic Waste to Mixtures of Kaolinite, Iron Oxides and Organic Matter. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
42	Direct Determination of Boscalid in Grape Samples by Differential Pulse Voltammetry using a Carbon Paste Electrode. Analytical Methods, 2021, 13, 5195-5203.	2.7	1
43	Microextraction technique associated with gas chromatography-mass spectrometry for determining pesticide residues in urine. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2022, 57, 165-175.	1.5	1
44	DLLME-GC/ECD Method for the Residual Analysis of Parathion-Methyl and its Application in the Study of the UV-Photodegradation Process. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
45	Proposal of a controlled release of citrate by solubility equilibrium. Environmental Technology (United Kingdom), 2021, 42, 1582-1590.	2.2	0
46	Determination of Ozone or Hypochlorite in Waters Based on Digital Images Analysis Using Same Reagent. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
47	Evaluation of the Effects of Hofmeister Series on Salting Out in the Determination of Organophosphorous Pesticides and Pyrethroids by LDS/DLLME. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
48	DESCRIPTION OF PROCESS IN AQUEOUS SOLUTIONS: DIFFERENCES BETWEEN XIX AND XX CENTURIES CONCEPTIONS. The Journal of Engineering and Exact Sciences, 2019, 5, 0020-0025.	0.1	0
49	DEVELOPMENT OF A METHOD TO EVALUATE THE EFFICIENCY OF NANOSCALE ZERO-VALENT IRON (NZVI) TO DEGRADE POLLUTANTS. The Journal of Engineering and Exact Sciences, 2019, 5, 0299-0307.	0.1	0
50	QUESTIONING THE RELEVANCE OF SOLUTION pH CALCULATION. The Journal of Engineering and Exact Sciences, 2020, 6, 0147-0151.	0.1	0
51	Application of a Chemometric Method to Interpret Spectrophotometric Data Obtained for Degradation of an Organic Dye in Water Using Manganese Oxide. Journal of the Brazilian Chemical Society, 0, , .	0.6	0