

Luiz Frederico Rodrigues

List of Publications by Year in descending order

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31
papers

486
citations

623734

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32
all docs

32
docs citations

32
times ranked

592
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploratory analysis of the microbial community profile of the municipal solid waste leachate treatment system: A case study. <i>Waste Management</i> , 2022, 141, 125-135.	7.4	8
2	Origin and Alteration of Organic Matter in Hydrate-Bearing Sediments of the Rio Grande Cone, Brazil: Evidence from Biological, Physical, and Chemical Factors. <i>Radiocarbon</i> , 2020, 62, 197-206.	1.8	3
3	Gas hydrate dissociation linked to contemporary ocean warming in the southern hemisphere. <i>Nature Communications</i> , 2020, 11, 3788.	12.8	53
4	Feasibility of DS-GF AAS for the determination of metallic impurities in raw material for polymers production. <i>Talanta</i> , 2020, 218, 121129.	5.5	6
5	High-Pressure and Automatized System for Study of Natural Gas Hydrates. <i>Energies</i> , 2019, 12, 3064.	3.1	6
6	Gas Seeps at the Edge of the Gas Hydrate Stability Zone on Brazil's Continental Margin. <i>Geosciences (Switzerland)</i> , 2019, 9, 193.	2.2	13
7	Influence of hydraulic loading rate and recirculation on oxygen transfer in a vertical flow constructed wetland. <i>Science of the Total Environment</i> , 2019, 668, 988-995.	8.0	25
8	Molecular and Isotopic Composition of Hydrate-Bound, Dissolved and Free Gases in the Amazon Deep-Sea Fan and Slope Sediments, Brazil. <i>Geosciences (Switzerland)</i> , 2019, 9, 73.	2.2	6
9	Environmental monitoring of a landfill area through the application of carbon stable isotopes, chemical parameters and multivariate analysis. <i>Waste Management</i> , 2018, 76, 591-605.	7.4	21
10	Gas seeps and gas hydrates in the Amazon deep-sea fan. <i>Geo-Marine Letters</i> , 2018, 38, 429-438.	1.1	18
11	Evaluation of different samplers and storage temperature effect on the methane carbon stable isotope analysis. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 573.	2.7	1
12	A preliminary study on traceability of biodiesel mixtures based on the raw materials profiles from Brazilian regions and fourier transform infrared spectroscopy (FTIR). <i>Vibrational Spectroscopy</i> , 2018, 99, 113-123.	2.2	8
13	Comparative assessment between different sample preparation methodologies for PTGA CO ₂ adsorption assays: Pellet, powder, and fragment samples. <i>Adsorption Science and Technology</i> , 2018, 36, 1441-1455.	3.2	2
14	Discriminant analysis of biodiesel fuel blends based on combined data from Fourier Transform Infrared Spectroscopy and stable carbon isotope analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 161, 70-78.	3.5	17
15	Integration Results of Soil CO ₂ Flux and Subsurface Gases in the Ressacada Pilot site, Southern Brazil. <i>Energy Procedia</i> , 2017, 114, 3793-3804.	1.8	0
16	Environmental monitoring of water resources around a municipal landfill of the Rio Grande do Sul state, Brazil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21398-21411.	5.3	21
17	Classification of Fuel Blends Using Exploratory Analysis with Combined Data from Infrared Spectroscopy and Stable Isotope Analysis. <i>Energy & Fuels</i> , 2017, 31, 523-532.	5.1	12
18	The influence of methane fluxes on the sulfate/methane interface in sediments from the Rio Grande Cone Gas Hydrate Province, southern Brazil. <i>Brazilian Journal of Geology</i> , 2017, 47, 369-381.	0.7	11

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19	Trichomonas vaginalis NTPDase and ecto-5'-nucleotidase hydrolyze guanine nucleotides and increase extracellular guanosine levels under serum restriction. <i>Molecular and Biochemical Parasitology</i> , 2016, 207, 10-18.	1.1	9
20	Discriminant Analysis and Cluster Analysis of Biodiesel Fuel Blends Based on Fourier Transform Infrared Spectroscopy (FTIR). <i>Energy & Fuels</i> , 2016, 30, 4905-4915.	5.1	15
21	Discovery of a chemosynthesis-based community in the western South Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 112, 45-56.	1.4	34
22	Natural gas hydrates in the Rio Grande Cone (Brazil): A new province in the western South Atlantic. <i>Marine and Petroleum Geology</i> , 2015, 67, 187-196.	3.3	45
23	Advances in the graphitization protocol at the Radiocarbon Laboratory of the Universidade Federal Fluminense (LAC-UFF) in Brazil. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 402-405.	1.4	27
24	Geochemical Characterization of Irati And Palermo Formations (Paraná Basin-Southern Brazil) for Shale Oil/Gas Exploration. <i>Energy Technology</i> , 2015, 3, 481-487.	3.8	9
25	Determination of trace elements in raw material for polyurethane production using direct sampling graphite furnace atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 324-331.	3.0	15
26	Determination of metal impurities in carbon nanotubes by direct solid sampling electrothermal atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1040-1049.	0.6	23
27	Determination of trace impurities in aluminum nitride by direct solid sampling graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 637-643.	2.9	16
28	Solid sampling coupled to flame furnace atomic absorption spectrometry for Mn and Ni determination in petroleum coke. <i>Microchemical Journal</i> , 2010, 96, 64-70.	4.5	10
29	Chromium determination in pharmaceutical grade barium sulfate by solid sampling electrothermal atomic absorption spectrometry with Zeeman-effect background correction. <i>Talanta</i> , 2007, 74, 119-124.	5.5	19
30	Determination of cadmium, copper and lead in alumina based catalysts by direct solid sampling graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 933-938.	2.9	24
31	Isotopic Analysis of Sugarcane/Petroleum Polyethylene Blends: A Perspective on the Application of Stable Isotope Method ($\delta^{13}C$). <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0