

João soletti

List of Publications by Year in descending order

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56
papers

1,104
citations

394421

19
h-index

414414

32
g-index

61
all docs

61
docs citations

61
times ranked

1130
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulosic Ethanol from Sugarcane Straw: a Discussion Based on Industrial Experience in the Northeast of Brazil. <i>Bioenergy Research</i> , 2021, 14, 761-773.	3.9	10
2	Caffeine removal using activated biochar from a seed (Euterpe oleracea Mart): Experimental study and description of adsorbate properties using Density Functional Theory (DFT). <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104891.	6.7	21
3	Pyrolysis of Lignocellulosic Waste from Second-Generation Ethanol Industry. <i>Sugar Tech</i> , 2021, 23, 615-626.	1.8	5
4	Elaeis guineensis-activated carbon for methylene blue removal: adsorption capacity and optimization using CCD-RSM. <i>Environment, Development and Sustainability</i> , 2021, 23, 11732-11750.	5.0	15
5	Physicochemical Quality and Bioactive Compounds of the Honey of Melipona scutellaris Produced in an Urban-Industrial Region. <i>Revista Virtual De Quimica</i> , 2021, 13, 1268-1277.	0.4	0
6	Comparative study of diesel sorption performance between Chorisia speciosa fibers and a commercial polyurethane foam. <i>Revista Materia</i> , 2021, 26, .	0.2	2
7	Activated carbon from macauba endocarp (Acrocomia aculeate) for removal of atrazine: Experimental and theoretical investigation using descriptors based on DFT. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105155.	6.7	20
8	Estudo de liberao do Rincoforol adsorvido em carvo ativado do endocarpo do coco de dend. <i>Diversitas Journal</i> , 2021, 6, 2421-2436.	0.1	0
9	Liquid-Liquid Equilibrium Measurement and Thermodynamic Modeling of the {Sterculia striata Biodiesel + Glycerol + Ethanol} System. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 3293-3299.	1.9	3
10	Oil impact on the environment and aquatic organisms on the coasts of the states of Alagoas and Sergipe, Brazil - A preliminary evaluation. <i>Marine Pollution Bulletin</i> , 2021, 171, 112723.	5.0	20
11	PROSPECTIVA TECNOLGICA DA HYPTIS PECTINATA NA CICATRIZAO CUTNEA EM ANIMAL / TECHNOLOGICAL PROSPECTION OF THE HYPTIS PECTINATA IN SKIN HEALING IN ANIMALS. <i>Brazilian Journal of Development</i> , 2021, 7, 7324-7340.	0.1	0
12	Factorial design and surface method to optimization ethylic biodiesel production from chicken wastes. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2021, 27, 155-163.	0.7	1
13	Main Technologies for the Production of Anhydrous Ethanol in Brazil. <i>Revista Virtual De Quimica</i> , 2021, 13, 1228-1240.	0.4	0
14	Stirring and mixing in ethylic biodiesel production. <i>Journal of King Saud University - Science</i> , 2020, 32, 54-59.	3.5	21
15	Empirical modeling of different viscosity and density behavior of biodiesel from chich (Sterculia) Tj ETQq1 1 0.784314 rgBT /Overlode 628-635.	3.5	6
16	Property Modeling, Energy Balance and Process Simulation Applied to Bioethanol Purification. <i>Sugar Tech</i> , 2020, 22, 870-884.	1.8	2
17	Impact of temperature on vacuum pyrolysis of Syagrus coronata for biochar production. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 878-886.	3.0	9
18	Ultrafast diesel oil spill removal by fibers from silk-cotton tree: Characterization and sorption potential evaluation. <i>Journal of Cleaner Production</i> , 2020, 263, 121448.	9.3	25

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19	In vitro and in vivo control of yam dry rot nematodes using pyroligneous extracts from palm trees. Revista Ceres, 2020, 67, 482-490.	0.4	4
20	Liquid-liquid equilibrium for systems composed by biodiesel from Catolão oil (<i>Syagrus cearensis</i>) - methanol and glycerol. Chemical Industry and Chemical Engineering Quarterly, 2020, 26, 21-29.	0.7	4
21	Adsorption of methylene blue on agroindustrial wastes: Experimental investigation and phenomenological modelling. Progress in Biophysics and Molecular Biology, 2019, 141, 60-71.	2.9	130
22	Coalescence process to treat produced water: an updated overview and environmental outlook. Environmental Science and Pollution Research, 2019, 26, 28668-28688.	5.3	18
23	<i>Wodyetia bifurcata</i> biochar for methylene blue removal from aqueous matrix. Bioresource Technology, 2019, 293, 122093.	9.6	61
24	Liquid-Liquid Equilibrium of the System {Peanut Biodiesel + Glycerol + Ethanol} at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2019, 64, 2207-2212.	1.9	6
25	Electrochemical process and Fenton reaction followed by lamellar settler to oil/surfactant effluent degradation. Journal of Water Process Engineering, 2019, 31, 100841.	5.6	14
26	<i>Syagrus oleracea</i> activated carbon prepared by vacuum pyrolysis for methylene blue adsorption. Environmental Science and Pollution Research, 2019, 26, 16470-16481.	5.3	31
27	Experimental Data and Phase Equilibrium Modeling in Ternary and Pseudoquaternary Systems of Sunflower Oil for Biodiesel Production. Journal of Chemical & Engineering Data, 2019, 64, 412-420.	1.9	4
28	Cassava (<i>Manihot esculenta</i> Crantz) stump biochar: Physical/chemical characteristics and dye affinity. Chemical Engineering Communications, 2019, 206, 829-841.	2.6	22
29	MgAl-LDH/Biochar composites for methylene blue removal by adsorption. Applied Clay Science, 2019, 168, 11-20.	5.2	186
30	PRODUCTION OF PRODUCED WATER TREATMENT USING SUGARCANE SOLID RESIDUE AS BIOSORBENT. Revista Mexicana De Ingeniera Quimica, 2019, 19, 27-38.	0.4	10
31	Levantamento Prospectivo dos Processos e Tecnologias na Produção de Biodiesel com ênfase nos Equipamentos. Cadernos De Prospecção, 2019, 12, 79.	0.1	0
32	Cultivation of common bean with the application of biochar of ouricuri (<i>Syagrus coronata</i> (Mart)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	0
33	MAPEAMENTO PROSPECTIVO DAS TECNOLOGIAS ENVOLVIDAS NA PRODUÇÃO DE BIOETANOL. Cadernos De Prospecção, 2018, 11, 127.	0.1	1
34	PROSPECÇÃO DOS TIPOS DE PATENTES GERADAS PARA O DESENVOLVIMENTO DE TECNOLOGIAS DE TRATAMENTO ELETROQUÍMICO E FOTOCATÁLISE HETEROGÊNEA NA REMEDIAÇÃO DE EFLUENTE DE PRODUÇÃO DE SORVETES.. Cadernos De Prospecção, 2018, 11, 1513.	0.1	0
35	PESQUISA EXPLORATÓRIA DAS PATENTES DE MANTODOS DE DIAGNÓSTICO DA LEISHMANIA CHAGASI. Cadernos De Prospecção, 2018, 11, 1558.	0.1	0
36	Ouricuri (<i>Syagrus coronata</i>) fiber: a novel biosorbent to remove methylene blue from aqueous solutions. Water Science and Technology, 2017, 75, 106-114.	2.5	27

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37	Kinetics, isotherm, and thermodynamic studies of methylene blue adsorption from water by Mytella falcata waste. Environmental Science and Pollution Research, 2017, 24, 19927-19937.	5.3	24
38	PROSPECÇÃO TECNOLÓGICA DA APLICAÇÃO DE TRATAMENTO ELETROQUÍMICO E REAÇÃO DE FENTON NA REMEDIAÇÃO DE ÁGUA DE PRODUÇÃO DE BIODIESEL. Cadernos De Prospecção, 2017, 10, 479.	0.1	0
39	EMPIRICAL EVALUATION OF STIRRING PROCEDURES IN THE PRODUCTION OF BIODIESEL FROM CASTOR OIL. Brazilian Journal of Petroleum and Gas, 2016, 10, 77-87.	0.2	1
40	Biodiesel production from Sterculia striata oil by ethyl transesterification method. Industrial Crops and Products, 2015, 74, 767-772.	5.2	24
41	Physicochemical properties of Syagrus coronata and Acrocomia aculeata oils for biofuel production. Industrial Crops and Products, 2014, 62, 318-322.	5.2	32
42	Assessment of the feasibility of different oil sources to biodiesel production. Acta Scientiarum - Technology, 2012, 34, .	0.4	4
43	Characterization of biodiesel and bio-oil from Sterculia striata (chicha) oil. Industrial Crops and Products, 2012, 36, 349-354.	5.2	21
44	Liquid-liquid equilibria for the canola oil biodiesel + ethanol + glycerol system. Fuel, 2011, 90, 2738-2745.	6.4	57
45	Characterization of Syagrus coronata (Mart.) Becc. oil and properties of methyl esters for use as biodiesel. Industrial Crops and Products, 2010, 32, 518-521.	5.2	51
46	Studies of Terminalia catappa L. oil: Characterization and biodiesel production. Bioresource Technology, 2008, 99, 6545-6549.	9.6	83
47	Ethanolysis of castor and cottonseed oil: A systematic study using classical catalysts. JAOCS, Journal of the American Oil Chemists' Society, 2006, 83, 819-822.	1.9	78
48	Illicit drug use and injection practices among drug users on methadone and buprenorphine maintenance treatment in France. Addiction, 2003, 98, 1585-1597.	3.3	49
49	Retrofit design of multipurpose batch plants with multiple production routes. Brazilian Journal of Chemical Engineering, 2000, 17, 1015-1022.	1.3	2
50	SIMULAÇÃO DE UMA COLUNA DE ESGOTAMENTO PARA REMOÇÃO DE 1,2-DICLOROETANO (1,2-DCE) UTILIZANDO AR ATMOSFÉRICO. Anais Do ... Congresso Ibero-Latino-Americano De Máquinas e Computacionais Em Engenharia, 0, , .	0.0	0
51	ESTUDO DA INFLUÊNCIA DA TEMPERATURA DE PIRESSE NO BIOCARVÃO OBTIDO A PARTIR DO MESOCARPO DO COCO (COCOS NUCIFERA L.). , 0, , .		0
52	ESTUDO DA EFICIÊNCIA DOS SOLVENTES NA EXTRAÇÃO DO ÓLEO DA AMENDOÇA DA TERMINALIA CATAPPA LINN. , 0, , .		0
53	INFLUÊNCIA DE DIFERENTES ALCOÓIS NO ESTUDO DO EQUILÍBRIO LÍQUIDO-LÍQUIDO DO SISTEMA BIODIESEL DE SOJA + ALCOOL + GLICERINA. , 0, , .		0
54	ANÁLISE TÉCNICA DA VIABILIDADE ECONÔMICA DO CULTIVO, EM LARGA ESCALA, DA TERMINALIA CATAPPA LINN, NO RENDIMENTO DE ÓLEO PARA FINS ENERGÉTICOS.. , 0, , .		0

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55	CARACTERIZAÇÃO DO BIOCARVÃO OBTIDO A PARTIR DA PIRÓLISE DO ENDOCARPO DO COCO (COCOS) Tj ETQq1 1 0.784314	1.0	14
56	DETERMINAÇÃO DA MASSA ESPECÍFICA DE BIOMASSA DE PLANTAS DO NORDESTE DO BRASIL E SEUS BIOCARVÕES E AVALIAÇÃO DA AFINIDADE METÁLICA PARA OS IONS Cu^{+2} , Ni^{+2} e Cr^{+3} . , 0, , .		0