

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	MgAl-LDH/Biochar composites for methylene blue removal by adsorption. <i>Applied Clay Science</i> , 2019, 168, 11-20.	5.2	186
2	Adsorption of methylene blue on agroindustrial wastes: Experimental investigation and phenomenological modelling. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 141, 60-71.	2.9	130
3	Studies of <i>Terminalia catappa</i> L. oil: Characterization and biodiesel production. <i>Bioresource Technology</i> , 2008, 99, 6545-6549.	9.6	83
4	Ethanolysis of castor and cottonseed oil: A systematic study using classical catalysts. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2006, 83, 819-822.	1.9	78
5	<i>Wodyetia bifurcata</i> biochar for methylene blue removal from aqueous matrix. <i>Bioresource Technology</i> , 2019, 293, 122093.	9.6	61
6	Liquid-liquid equilibria for the canola oil biodiesel + ethanol + glycerol system. <i>Fuel</i> , 2011, 90, 2738-2745.	6.4	57
7	Characterization of <i>Syagrus coronata</i> (Mart.) Becc. oil and properties of methyl esters for use as biodiesel. <i>Industrial Crops and Products</i> , 2010, 32, 518-521.	5.2	51
8	Illicit drug use and injection practices among drug users on methadone and buprenorphine maintenance treatment in France. <i>Addiction</i> , 2003, 98, 1585-1597.	3.3	49
9	Physicochemical properties of <i>Syagrus coronata</i> and <i>Acrocomia aculeata</i> oils for biofuel production. <i>Industrial Crops and Products</i> , 2014, 62, 318-322.	5.2	32
10	<i>Syagrus oleracea</i> activated carbon prepared by vacuum pyrolysis for methylene blue adsorption. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16470-16481.	5.3	31
11	Ouricuri (<i>Syagrus coronata</i>) fiber: a novel biosorbent to remove methylene blue from aqueous solutions. <i>Water Science and Technology</i> , 2017, 75, 106-114.	2.5	27
12	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
13	Biodiesel production from <i>Sterculia striata</i> oil by ethyl transesterification method. <i>Industrial Crops and Products</i> , 2015, 74, 767-772.	5.2	24
14	Kinetics, isotherm, and thermodynamic studies of methylene blue adsorption from water by <i>Mytella falcata</i> waste. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19927-19937.	5.3	24
15	Cassava (<i>Manihot esculenta</i> Crantz) stump biochar: Physical/chemical characteristics and dye affinity. <i>Chemical Engineering Communications</i> , 2019, 206, 829-841.	2.6	22
16	Characterization of biodiesel and bio-oil from <i>Sterculia striata</i> (chicha) oil. <i>Industrial Crops and Products</i> , 2012, 36, 349-354.	5.2	21
17	Stirring and mixing in ethylic biodiesel production. <i>Journal of King Saud University - Science</i> , 2020, 32, 54-59.	3.5	21
18	Caffeine removal using activated biochar from <i>Euterpe oleracea</i> 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

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19	Activated carbon from macauba endocarp (<i>Acrocomia aculeate</i>) 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
20	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
21	Coalescence process to treat produced water: an updated overview and environmental outlook. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28668-28688.	5.3	18
22	<i>Elaeis guineensis</i> -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
23	Electrochemical process and Fenton reaction followed by lamellar settler to oil/surfactant effluent degradation. <i>Journal of Water Process Engineering</i> , 2019, 31, 100841.	5.6	14
24	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
25	Oil PRODUCED WATER TREATMENT USING SUGARCANE SOLID RESIDUE AS BIOSORBENT. <i>Revista Mexicana De Ingeniera Quimica</i> , 2019, 19, 27-38.	0.4	10
26	Impact of temperature on vacuum pyrolysis of <i>Syagrus coronata</i> for biochar production. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 878-886.	3.0	9
27	Liquid-Liquid Equilibrium of the System {Peanut Biodiesel + Glycerol + Ethanol} at Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2207-2212.	1.9	6
28	Empirical modeling of different viscosity and density behavior of biodiesel from chichá (Sterculia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 628-635.	3.5	6
29	Pyrolysis of Lignocellulosic Waste from Second-Generation Ethanol Industry. <i>Sugar Tech</i> , 2021, 23, 615-626.	1.8	5
30	Assessment of the feasibility of different oil sources to biodiesel production. <i>Acta Scientiarum - Technology</i> , 2012, 34, .	0.4	4
31	Experimental Data and Phase Equilibrium Modeling in Ternary and Pseudoquaternary Systems of Sunflower Oil for Biodiesel Production. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 412-420.	1.9	4
32	In vitro and in vivo control of yam dry rot nematodes using pyroligneous extracts from palm trees. <i>Revista Ceres</i> , 2020, 67, 482-490.	0.4	4
33	Liquid-liquid equilibrium for systems composed by biodiesel from Catolã© oil (<i>Syagrus cearensis</i>) - methanol and glycerol. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2020, 26, 21-29.	0.7	4
34	Liquid-Liquid Equilibrium Measurement and Thermodynamic Modeling of the {<i>Sterculia striata</i> Biodiesel + Glycerol + Ethanol} System. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 3293-3299.	1.9	3
35	Property Modeling, Energy Balance and Process Simulation Applied to Bioethanol Purification. <i>Sugar Tech</i> , 2020, 22, 870-884.	1.8	2
36	Comparative study of diesel sorption performance between <i>Chorisia speciosa</i> fibers and a commercial polyurethane foam. <i>Revista Materia</i> , 2021, 26, .	0.2	2

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37	Retrofit design of multipurpose batch plants with multiple production routes. Brazilian Journal of Chemical Engineering, 2000, 17, 1015-1022.	1.3	2
38	Factorial design and surface method to optimization ethylic biodiesel production from chicken wastes. Chemical Industry and Chemical Engineering Quarterly, 2021, 27, 155-163.	0.7	1
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	MAPEAMENTO PROSPECTIVO DAS TECNOLOGIAS ENVOLVIDAS NA PRODUÇÃO DE BIOETANOL. Cadernos De Prospecção, 2018, 11, 127.	0.1	1
41	Cultivation of common bean with the application of biochar of ouricuri (<i>Syagrus coronata</i> (Mart)) Tj ETQq1 1 0.784314 rgBT 0 Overload	0.5	0
42	Physicochemical Quality and Bioactive Compounds of the Honey of <i>Melipona scutellaris</i> Produced in an Urban-Industrial Region. Revista Virtual De Quimica, 2021, 13, 1268-1277.	0.4	0
43	Estudo de liberaç�o do Rincoforol adsorvido em carv�o ativado do endocarpo do coco de dendr�a. Diversitas Journal, 2021, 6, 2421-2436.	0.1	0
44	PROSPEC�O TECNOL�GICA DA HYPTIS PECTINATA NA CICATRIZA�O CUT�NEA EM ANIMAL / TECHNOLOGICAL PROSPECTION OF THE HYPTIS PECTINATA IN SKIN HEALING IN ANIMALS. Brazilian Journal of Development, 2021, 7, 7324-7340.	0.1	0
45	Main Technologies for the Production of Anhydrous Ethanol in Brazil. Revista Virtual De Quimica, 2021, 13, 1228-1240.	0.4	0
46	SIMULA�O DE UMA COLUNA DE ESGOTAMENTO PARA REMO�O DE 1,2-DICLOROETANO (1,2-DCE) UTILIZANDO AR ATMOSF�RICO. Anais Do ... Congresso Ibero-Latino-Americano De M�todos Computacionais Em Engenharia, 0, , .	0.0	0
47	ESTUDO DA INFLU�NCIA DA TEMPERATURA DE PIR�LISE NO BIOCARV�O OBTIDO A PARTIR DO MESOCARPO DO COCO (COCOS NUCIFERA L.). , 0, , .		0
48	ESTUDO DA EFICI�NCIA DOS SOLVENTES NA EXTRA�O DO �LEO DA AM�NDOA DA TERMINALIA CATAPPA LINN. , 0, , .		0
49	INFLU�NCIA DE DIFERENTES �LCOIS NO ESTUDO DO EQUIL�BRIO L�QUIDO-L�QUIDO DO SISTEMA BIODIESEL DE SOJA + �LCOOL + GLICERINA. , 0, , .		0
50	AN�LISE T�CNICA DA VIABILIDADE ECON�MICA DO CULTIVO, EM LARGA ESCALA, DA TERMINALIA CATAPPA LINN, NO RENDIMENTO DE �LEO PARA FINS ENERG�TICOS.. , 0, , .		0
51	CARACTERIZA�O DO BIOCARV�O OBTIDO A PARTIR DA PIR�LISE DO ENDOCARPO DO COCO (COCOS) Tj ETQq1 1 0.784314 rgBT 0	0	0
52	DETERMINA�O DA MASSA ESPEC�FICA DE BIOMASSA DE PLANTAS DO NORDESTE DO BRASIL E SEUS BIOCARV�ES E AVALIA�O DA AFINIDADE MET�LICA PARA OS �ONS Cu+2, Ni+2 e Cr+3. , 0, , .		0
53	PROSPEC�O TECNOL�GICA DA APLICA�O DE TRATAMENTO ELETROQU�MICO E REA�O DE FENTON NA REMEDIA�O DE �GUA DE PRODU�O DE BIODIESEL. Cadernos De Prospec�o, 2017, 10, 479.	0.1	0
54	PROSPEC�O DOS TIPOS DE PATENTES GERADAS PARA O DESENVOLVIMENTO DE TECNOLOGIAS DE TRATAMENTO ELETROQU�MICO E FOTOCAT�LISE HETEROG�NEA NA REMEDIA�O DE EFLUENTE DE PRODU�O DE SORVETES.. Cadernos De Prospec�o, 2018, 11, 1513.	0.1	0

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55	PESQUISA EXPLORATÓRIA DAS PATENTES DE MÓDULOS DE DIAGNÓSTICO DA LEISHMANIA CHAGASI. Cadernos De Prospecção, 2018, 11, 1558.	0.1	0
56	Levantamento Prospectivo dos Processos e Tecnologias na Produção de Biodiesel com Ênfase nos Equipamentos. Cadernos De Prospecção, 2019, 12, 79.	0.1	0