Celio L Cavalcante

List of Publications by Year
in descending order

144	4,682	76294	123376
papers	citations	40 h-index	61 g-index

146	146	146	4850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CaO supported on mesoporous silicas as basic catalysts for transesterification reactions. Applied Catalysis A: General, 2008, 334, 35-43.	2.2	281
2	Adsorption of CO2 on nitrogen-enriched activated carbon and zeolite 13X. Adsorption, 2011, 17, 235-246.	1.4	175
3	Characterization of calcium oxide catalysts from natural sources and their application in the transesterification of sunflower oil. Bioresource Technology, 2014, 151, 207-213.	4.8	169
4	Microporous activated carbon prepared from coconut shells using chemical activation with zinc chloride. Microporous and Mesoporous Materials, 2007, 100, 361-364.	2.2	165
5	An Overview of the Biolubricant Production Process: Challenges and Future Perspectives. Processes, 2020, 8, 257.	1.3	116
6	Adsorption of Branched and Cyclic Paraffins in Silicalite. 2. Kinetics. Industrial & Engineering Chemistry Research, 1995, 34, 185-191.	1.8	109
7	Adsorption of Branched and Cyclic Paraffins in Silicalite. 1. Equilibrium. Industrial & Engineering Chemistry Research, 1995, 34, 177-184.	1.8	106
8	Characterization and application of dolomite as catalytic precursor for canola and sunflower oils for biodiesel production. Chemical Engineering Journal, 2015, 269, 35-43.	6.6	101
9	CO2 adsorption on amine modified mesoporous silicas: Effect of the progressive disorder of the honeycomb arrangement. Microporous and Mesoporous Materials, 2015, 209, 172-183.	2.2	96
10	Effects of textural and surface characteristics of microporous activated carbons on the methane adsorption capacity at high pressures. Applied Surface Science, 2007, 253, 5721-5725.	3.1	88
11	Properties of biodiesel oils formulated using different biomass sources and their blends. Renewable Energy, 2009, 34, 857-859.	4.3	88
12	MgM (M=Al and Ca) oxides as basic catalysts in transesterification processes. Applied Catalysis A: General, 2008, 347, 162-168.	2.2	86
13	Performance and emissions characteristics of castor oil biodiesel fuel blends. Applied Thermal Engineering, 2017, 125, 559-566.	3.0	80
14	CO2 adsorption on APTES functionalized mesocellular foams obtained from mesoporous silicas. Microporous and Mesoporous Materials, 2014, 187, 125-134.	2.2	73
15	Adsorption of thiophene and toluene on NaY zeolites exchanged with Ag(I), Ni(II) and Zn(II). Fuel, 2009, 88, 1885-1892.	3.4	71
16	A rapid method for evaluation of the oxidation stability of castor oil FAME: influence of antioxidant type and concentration. Fuel Processing Technology, 2009, 90, 1272-1277.	3.7	69
17	Transesterification of ethyl butyrate with methanol using MgO/CaO catalysts. Journal of Molecular Catalysis A, 2009, 300, 19-24.	4.8	68
18	Thermo-Oxidative Stability of Mineral Naphthenic Insulating Oils:Â Combined Effect of Antioxidants and Metal Passivator. Industrial & Engineering Chemistry Research, 2004, 43, 7428-7434.	1.8	64

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19	Evaluation of porous clay heterostructures modified with amine species as adsorbent for the CO2 capture. Microporous and Mesoporous Materials, 2017, 249, 25-33.	2.2	63
20	Biodiesel production from waste coconut oil by esterification with ethanol: The effect of water removal by adsorption. Renewable Energy, 2010, 35, 2581-2584.	4.3	62
21	CO2 adsorption capacity of zeolites synthesized from coal fly ashes. Fuel, 2020, 276, 118143.	3.4	62
22	Evaluation of two fibrous clay minerals (sepiolite and palygorskite) for CO2 Capture. Journal of Environmental Chemical Engineering, 2018, 6, 4573-4587.	3.3	60
23	Studies on the adsorption behavior of CO2-CH4 mixtures using activated carbon. Brazilian Journal of Chemical Engineering, 2013, 30, 939-951.	0.7	60
24	Diffusion of n-paraffins in offretite-erionite type zeolites. Zeolites, 1995, 15, 293-307.	0.9	59
25	Functionalization of hollow silica microspheres by impregnation or grafted of amine groups for the CO2 capture. International Journal of Greenhouse Gas Control, 2016, 52, 344-356.	2.3	59
26	Al and Ti-containing mesoporous molecular sieves: Synthesis, characterization and redox activity in the anthracene oxidation. Journal of Molecular Catalysis A, 2008, 281, 154-163.	4.8	58
27	Adsorption of methane in activated carbons obtained fromÂcoconut shells using H3PO4 chemical activation. Adsorption, 2009, 15, 271-277.	1.4	56
28	Viscosities and Densities of Binary Mixtures of Coconut + Colza and Coconut + Soybean Biodiesel at Various Temperatures. Journal of Chemical & Engineering Data, 2010, 55, 3909-3914.	1.0	56
29	Studies on biodegradability of bio-based lubricants. Tribology International, 2015, 92, 301-306.	3.0	55
30	Synthesis of biolubricants by the esterification of free fatty acids from castor oil with branched alcohols using cationic exchange resins as catalysts. Industrial Crops and Products, 2017, 104, 52-61.	2.5	55
31	A new and efficient procedure for removing calcium soaps in biodiesel obtained using CaO as a heterogeneous catalyst. Fuel, 2012, 95, 464-470.	3.4	54
32	Adsorption of polycyclic aromatic hydrocarbons (PAHs) from isooctane solutions by mesoporous molecular sieves: Influence of the surface acidity. Microporous and Mesoporous Materials, 2008, 108, 213-222.	2.2	52
33	Adsorptive separation of fructose and glucose from an agroindustrial waste of cashew industry. Bioresource Technology, 2008, 99, 2455-2465.	4.8	51
34	A Theoretical and Experimental Study of Charge and Discharge Cycles in a Storage Vessel for Adsorbed Natural Gas. Adsorption, 2005, 11, 147-157.	1.4	50
35	The effect of heterogeneity in the randomly etched graphite model for carbon pore size characterization. Carbon, 2010, 48, 2554-2565.	5.4	48
36	â€œLow Costâ€•Pore Expanded SBA-15 Functionalized with Amine Groups Applied to CO2 Adsorption. Materials, 2015, 8, 2495-2513.	1.3	48

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37	Assessment of biodegradability and oxidation stability of mineral, vegetable and synthetic oil samples. Industrial Crops and Products, 2011, 33, 579-583.	2.5	47
38	Experimental analysis of the efficiency on charge/discharge cycles in natural gas storage by adsorption. Fuel, 2011, 90, 113-119.	3.4	47
39	Microwave-assisted nitric acid treatment of sepiolite and functionalization with polyethylenimine applied to CO2 capture and CO2/N2 separation. Applied Surface Science, 2017, 410, 315-325.	3.1	43
40	Methane Adsorption Storage Using Microporous Carbons Obtained from Coconut Shells. Adsorption, 2005, 11, 911-915.	1.4	42
41	Isomerization of n-hexane on Ptâ€“Ni catalysts supported on nanocrystalline H-BEA zeolite. Catalysis Today, 2011, 172, 195-202.	2.2	41
42	FTIR assessment of the oxidation process of castor oil FAME submitted to PetroOXY and Rancimat methods. Fuel Processing Technology, 2011, 92, 1152-1155.	3.7	38
43	Relevance of the Physicochemical Properties of Calcined Quail Eggshell (CaO) as a Catalyst for Biodiesel Production. Journal of Chemistry, 2017, 2017, 1-12.	0.9	37
44	Natural and Modified Montmorillonite Clays as Catalysts for Synthesis of Biolubricants. Materials, 2018, 11, 1764.	1.3	36
45	Oleic acid esterification with ethanol under continuous water removal conditions. Fuel, 2011, 90, 902-904.	3.4	35
46	WO 3 -based catalysts supported on porous clay heterostructures (PCH) with Siâ€“Zr pillars for synthetic esters production. Applied Clay Science, 2016, 124-125, 69-78.	2.6	35
47	Thiophene Adsorption on Microporous Activated Carbons Impregnated with PdCl₂. Energy & Fuels, 2010, 24, 3436-3442.	2.5	34
48	Chemical modification of castor oil fatty acids (Ricinus communis) for biolubricant applications: An alternative for Brazilâ€™s green market. Industrial Crops and Products, 2020, 145, 112000.	2.5	34
49	Synthesis of lactic acid from glycerol using a Pd/C catalyst. Fuel Processing Technology, 2015, 138, 228-235.	3.7	33
50	Unusual Adsorption Site Behavior in PCN-14 Metalâ€“Organic Framework Predicted from Monte Carlo Simulation. Journal of the American Chemical Society, 2011, 133, 19282-19285.	6.6	32
51	Heat Effects in ZLC Experiments. Adsorption, 1998, 4, 275-285.	1.4	31
52	Characterization of activated carbons from peach stones through the mixed geometry model. Microporous and Mesoporous Materials, 2010, 134, 181-188.	2.2	29
53	Characterization of PSD of activated carbons by using slit and triangular pore geometries. Applied Surface Science, 2010, 256, 5191-5197.	3.1	29
54	CO2/CH4 adsorption separation process using pore expanded mesoporous silicas functionalizated by APTES grafting. Adsorption, 2015, 21, 565-575.	1.4	29

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55	Assessment of commercial resins in the biolubricants production from free fatty acids of castor oil. Catalysis Today, 2017, 279, 274-285.	2.2	29
56	Diffusion of Paraffins in Dealuminated Y Mesoporous Molecular Sieve. Adsorption, 2003, 9, 205-212.	1.4	28
57	Adsorption Equilibrium of Alkanes on a High Surface Area Activated Carbon Prepared from Brazilian Coconut Shells. Adsorption, 2005, 11, 107-111.	1.4	28
58	Removal of Aromatic Compounds from Mineral Naphthenic Oil by Adsorption. Industrial & Engineering Chemistry Research, 2008, 47, 3207-3212.	1.8	27
59	Adsorption Equilibria of Natural Gas Components on Activated Carbon: Pure and Mixed Gas Isotherms. Adsorption Science and Technology, 2008, 26, 323-332.	1.5	26
60	Pd-loaded mesoporous silica as a robust adsorbent in adsorption/desorption desulfurization cycles. Fuel, 2014, 126, 96-103.	3.4	26
61	Adsorption microcalorimetry applied to the characterisation of adsorbents for CO₂ capture. Canadian Journal of Chemical Engineering, 2012, 90, 1372-1380.	0.9	25
62	Glycerol valorization: conversion to lactic acid by heterogeneous catalysis and separation by ion exchange chromatography. Biofuels, Bioproducts and Biorefining, 2020, 14, 357-370.	1.9	25
63	Evaluation of the main diffusion path in zeolites from ZLC desorption curves. Zeolites, 1997, 18, 282-285.	0.9	24
64	Production of Jet Biofuels by Catalytic Hydroprocessing of Esters and Fatty Acids: A Review. Catalysts, 2022, 12, 237.	1.6	23
65	Characterization of the PSD of activated carbons from peach stones for separation of combustion gas mixtures. Adsorption, 2011, 17, 853-861.	1.4	22
66	Molecular simulation of natural gas storage in Cu-BTC metalâ€“organic framework. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 462, 194-201.	2.3	22
67	Influence of Synthetic and Natural Antioxidants on the Oxidation Stability of Beef Tallow Before Biodiesel Production. Waste and Biomass Valorization, 2019, 10, 797-803.	1.8	22
68	Production of biolubricants from soybean oil: Studies for an integrated process with the current biodiesel industry. Chemical Engineering Research and Design, 2021, 165, 456-466.	2.7	22
69	Sorption kinetics of linear paraffins in zeolite BEA nanocrystals. Microporous and Mesoporous Materials, 2008, 116, 352-357.	2.2	21
70	Molecular simulation of collection of methane isotherms in carbon material using all-atom and united atom models. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 357, 53-60.	2.3	21
71	Evaluation of carbon dioxideâ€“nitrogen separation through fixed bed measurements and simulations. Adsorption, 2014, 20, 945-957.	1.4	20
72	Synthesis and Characterization of Potential Bioâ€Based Lubricant Basestocks via Epoxidation Process. JAOCS, Journal of the American Oil Chemists' Society, 2020, 97, 437-446.	0.8	20

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73	Calcium/chitosan spheres as catalyst for biodiesel production. Polymer International, 2015, 64, 242-249.	1.6	19
74	Effects of Amine and Phenolic Based Antioxidants on the Stability of Babassu Biodiesel Using Rancimat and Differential Scanning Calorimetry Techniques. Industrial & Engineering Chemistry Research, 2020, 59, 18-24.	1.8	19
75	Studies on adsorption equilibrium of xylenes in AEL framework using biased GCMC and energy minimization. Microporous and Mesoporous Materials, 2008, 111, 89-96.	2.2	18
76	Diffusion of linear paraffins in silicalite studied byÂtheÂZLC method in the presence of CO2. Adsorption, 2010, 16, 29-36.	1.4	18
77	Sorption and Diffusion of p-Xylene and o-Xylene in Aluminophosphate Molecular Sieve AlPO4-11. Adsorption, 2000, 6, 53-59.	1.4	17
78	On the influence of heterogeneity of graphene sheets inÂtheÂdetermination of the pore size distribution of activated carbons. Adsorption, 2011, 17, 845-851.	1.4	17
79	Adsorption of naphthalene and pyrene from isooctane solutions on commercial activated carbons. Adsorption, 2011, 17, 937-947.	1.4	17
80	On the production of glucose and fructose syrups from cashew apple juice derivatives. Journal of Food Engineering, 2011, 102, 355-360.	2.7	17
81	Transesterificarion of soybean oil using ethanol and mesoporous silica catalyst. Renewable Energy, 2012, 38, 136-140.	4.3	17
82	Amino-modified pillared adsorbent from water-treatment solid wastes applied to CO2/N2 separation. Adsorption, 2017, 23, 405-421.	1.4	16
83	Influence of pore size and loading for Nb 2 O 5 /SBA-15 catalysts on synthetic ester production from free fatty acids of castor oil. Molecular Catalysis, 2017, 436, 267-275.	1.0	16
84	Sulfonated activated carbons as potential catalysts for biolubricant synthesis. Molecular Catalysis, 2020, 488, 110888.	1.0	16
85	Parametric Analysis of a Moving Bed Temperature Swing Adsorption (MBTSA) Process for Postcombustion CO₂ Capture. Industrial & Engineering Chemistry Research, 2021, 60, 10736-10752.	1.8	16
86	Adsorption of light alkanes on coconut nanoporous activated carbon. Brazilian Journal of Chemical Engineering, 2006, 23, 555-561.	0.7	16
87	Purification and Characterization of Microbial Hyaluronic Acid by Solvent Precipitation and Size-Exclusion Chromatography. Separation Science and Technology, 2009, 44, 906-923.	1.3	15
88	Evaluation of oxidative stability of soybean biodiesel using ethanolic and chloroform extracts of Platymiscium floribundum as antioxidant. Renewable Energy, 2020, 159, 767-774.	4.3	15
89	Assessment of the potential use of zeolites synthesized from power plant fly ash to capture CO2 under post-combustion scenario. Adsorption, 2020, 26, 1153-1164.	1.4	14
90	Adsorption Equilibria of C8Aromatic Liquid Mixtures on Y Zeolites Using Headspace Chromatography. Separation Science and Technology, 2005, 40, 1817-1834.	1.3	12

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91	Structural analysis and adsorption sites of xylenes in AlPO4-5 and AlPO4-11 using molecular simulation. Microporous and Mesoporous Materials, 2006, 88, 135-144.	2.2	12
92	Transesterification of Castor Oil Using Ethanol: Effect of Water Removal by Adsorption onto Zeolite 3A. Energy & Fuels, 2009, 23, 1136-1138.	2.5	12
93	Oxidative Stability of Acylated and Hydrogenated Ricinoleates Using Synthetic and Natural Antioxidants. Journal of Chemistry, 2019, 2019, 1-10.	0.9	12
94	Assessment of surface acidity in mesoporous materials containing aluminum and titanium. Applied Surface Science, 2009, 255, 6205-6209.	3.1	11
95	Adsorption of Polycyclic Aromatic Hydrocarbons from Heavy Naphthenic Oil Using Commercial Activated Carbons. 1. Fluid-Particle Studies. Industrial & Engineering Chemistry Research, 2016, 55, 8176-8183.	1.8	11
96	Pure and Binary Adsorption of Carbon Dioxide and Nitrogen on AQSOA FAM Z02. Journal of Chemical & Engineering Data, 2018, 63, 661-670.	1.0	11
97	Effect of additives on the oxidative stability and corrosivity of biodiesel samples derived from babassu oil and residual frying oil: An experimental and theoretical assessment. Fuel, 2021, 289, 119939.	3.4	11
98	Shortâ€chain esters enriched biofuel obtained from vegetable oil using molecular distillation. Canadian Journal of Chemical Engineering, 2018, 96, 1071-1078.	0.9	10
99	Potential Bio-Based Lubricants Synthesized from Highly Unsaturated Soybean Fatty Acids: Physicochemical Properties and Thermal Degradation. Industrial & Engineering Chemistry Research, 2019, 58, 17709-17717.	1.8	10
100	A potential bio-antioxidant for mineral oil from cashew nutshell liquid: an experimental and theoretical approach. Brazilian Journal of Chemical Engineering, 2020, 37, 369-381.	0.7	10
101	Representative Pores: An Efficient Method to Characterize Activated Carbons. Frontiers in Chemistry, 2020, 8, 595230.	1.8	10
102	Evaluation of a mixed geometry model for the characterization ofÂactivated carbons. Adsorption, 2011, 17, 551-560.	1.4	9
103	Pore wall thickness and interpore influence on adsorption of alkanes in carbons using explicit pore models. Adsorption, 2012, 18, 113-119.	1.4	9
104	Surface acid-base properties of Cu-BTC and Fe-BTC MOFs. An inverse gas chromatography and n-butylamine thermo desorption study. Inorganica Chimica Acta, 2020, 507, 119590.	1.2	9
105	Single - and multi-component liquid phase adsorption measurements by headspace chromatography. Brazilian Journal of Chemical Engineering, 2001, 18, 121-125.	0.7	9
106	Scale inhibitor adsorption studies in rock sandstone type. Adsorption, 2014, 20, 977-985.	1.4	8
107	Fatty acid alkyl esters obtained from babassu oil using C1â€“C8 alcohols and process integration into a typical biodiesel plant. Chemical Engineering Research and Design, 2020, 160, 224-232.	2.7	8
108	Ortho-selectivity in aluminophosphate molecular sieves: A molecular simulation study. Adsorption, 2006, 12, 423.	1.4	7

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109	Monte Carlo and energy minimization studies of binary xylene adsorption in AEL and AFI networks. Adsorption, 2007, 13, 477.	1.4	7
110	Studies of C8 aromatics adsorption in BaY and mordenite molecular sieves using the headspace technique. Adsorption, 2010, 16, 525-530.	1.4	7
111	Synthesis and Characterization of Metal-Supported Mesoporous Silicas Applied to the Adsorption of Benzothiophene. Adsorption Science and Technology, 2011, 29, 691-704.	1.5	7
112	Monte Carlo Simulation Strategies for Predicting CO₂/CH₄ Adsorption onto Activated Carbons from Pure Gas Isotherms. Adsorption Science and Technology, 2011, 29, 651-661.	1.5	7
113	Adsorption of Polycyclic Aromatic Hydrocarbons from Heavy Naphthenic Oil Using Commercial Activated Carbons. 2. Column Adsorption Studies. Industrial & Engineering Chemistry Research, 2016, 55, 8184-8190.	1.8	7
114	Tribological properties of bio-based lubricant basestock obtained from pequi oil (Caryocar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	0.8	7
115	Rapid assessment of total and polycyclic aromatic contents in heavy oils. Environmental Monitoring and Assessment, 2016, 188, 215.	1.3	6
116	Benzothiophene adsorption on M/SBAâ€15 and M/SBAâ€15/NH₄F modified (Mâ€‰=â€‰Fe or Co) in liquid phase batch system. Canadian Journal of Chemical Engineering, 2017, 95, 2315-2323.	0.9	6
117	Castorâ€“babassu biodiesel blends: estimating kinetic parameters by Differential Scanning Calorimetry using the Borchardt and Daniels method. SN Applied Sciences, 2019, 1, 1.	1.5	6
118	Biodegradable base stock oils obtained from ricinoleic acid using C8 alcohols and process integration into a biodiesel industry. Biomass Conversion and Biorefinery, 2021, 11, 803-814.	2.9	6
119	Assessing mass transfer rates in porous adsorbents using gas adsorption microcalorimetry. Chemical Engineering Science, 2021, 229, 115983.	1.9	5
120	Sensitivity to guestâ€“host force fields in adsorption equilibrium of cyclic hydrocarbons in one-dimensional molecular sieve. Molecular Simulation, 2007, 33, 437-448.	0.9	4
121	Synthesis and characterization of Al- and Ti-MCM-41 materials: application to oxidation of anthracene. Brazilian Journal of Chemical Engineering, 2007, 24, 135-141.	0.7	4
122	Metal-impregnated carbon applied as adsorbent for removal of sulphur compounds using fixed-bed column technology. Environmental Technology (United Kingdom), 2014, 35, 1367-1377.	1.2	4
123	Adsorption and separation of propane and propylene by Cuban natural volcanic glass. Materials Chemistry and Physics, 2015, 168, 132-137.	2.0	4
124	Oxidative stability of mineral naphthenic insulating oils: Optimization of commercial antioxidants and metal passivators. IEEE Transactions on Dielectrics and Electrical Insulation, 2019, 26, 240-246.	1.8	4
125	Deactivation Analysis of Industrial Spent Catalysts Applied to Lube Oil Hydrotreating in a Pilot Plant. Chemical Engineering and Technology, 2019, 42, 1018-1026.	0.9	4
126	Reclamation of Used Transformer Oil by Adsorption. Tribology Transactions, 2003, 46, 223-227.	1.1	3

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127	Air-Cooled Design of a Temperature-Swing Adsorption Compressor for Closed-Loop Air Revitalization Systems. , 0, , .		3
128	Adsorption equilibrium in one-dimensional molecular sieve: a study of force fields effect on linear alkanes molecules. Molecular Simulation, 2008, 34, 1337-1349.	0.9	2
129	Effect of framework distortion on xylene adsorption in AlPO4-11 predicted from Monte Carlo simulations. Microporous and Mesoporous Materials, 2010, 127, 157-160.	2.2	2
130	Accelerated oxidation of fresh and stored biodiesel samples obtained from castor and soybean oils using the petrooxy method. Biofuels, 2021, 12, 543-547.	1.4	2
131	Separation of cyclohexane from 2,2 and 2,4 dimethyl pentanes by adsorption in silicalite. Studies in Surface Science and Catalysis, 1994, 84, 1209-1216.	1.5	1
132	Sorption kinetics of linear paraffins in zeolite BEA nanocrystals. Microporous and Mesoporous Materials, 2009, 124, 236-237.	2.2	1
133	Jorge (Giorgio) Zgrablich. Adsorption Science and Technology, 2011, 29, 423-424.	1.5	1
134	Obtaining Long-Chain Esters with Lubricant Properties from Sesame Biomass (Sesamum indicum). , 2015, , 31-38.		1
135	Oxidation Studies on Mineral Insulating Oil Using an Accelerated Method with Continuous Online Monitoring. IEEE Transactions on Dielectrics and Electrical Insulation, 2021, 28, 630-636.	1.8	1
136	The first Brazilian meeting on adsorption. Adsorption, 1996, 2, iii-iii.	1.4	0
137	Adsorption of Oxygenates from Used Transformer Oil Using Surfactant- and Microemulsion-Impregnated Clays. Industrial & Engineering Chemistry Research, 2002, 41, 3042-3043.	1.8	0
138	Babassu Biodiesel Doped with Antioxidants: Assessment of Thermoâ€Oxidative Stability by Borchardt and Daniels Method. JAOCS, Journal of the American Oil Chemists' Society, 2020, 97, 1355-1363.	0.8	0
139	Activated Carbons for H2S Capture. Engineering Materials, 2021, , 197-215.	0.3	0
140	Special issue on the 13th Brazilian meeting on adsorption. Adsorption, 2021, 27, 1001-1002.	1.4	0
141	Mesoporous Phosphate Heterostructures: Synthesis and Application on Adsorption and Catalysis. , 2010, , 423-446.		0
142	Storage and Transportation of Natural Gas at Moderate Pressures using Adsorption in Porous Materials. , 2011, , .		0
143	Ethanolysis of Soybean Oil Using Mesoporous Molecular Sieves. , 2011, , .		0
144	Sulfonated MCM-41 as potential catalyst to obtain biolubricants from vegetable oil. Brazilian Journal of Chemical Engineering, 0, , 1.	0.7	0