

Cicero Bezerra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1944780/publications.pdf>

Version: 2024-02-01

41
papers

2,547
citations

393982

19
h-index

360668

35
g-index

42
all docs

42
docs citations

42
times ranked

3876
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of Fe-N/C and Co-N/C catalysts for the oxygen reduction reaction. <i>Electrochimica Acta</i> , 2008, 53, 4937-4951.	2.6	1,032
2	A review of heat-treatment effects on activity and stability of PEM fuel cell catalysts for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2007, 173, 891-908.	4.0	398
3	Kinetics and thermodynamics of textile dye adsorption from aqueous solutions using babassu coconut mesocarp. <i>Journal of Hazardous Materials</i> , 2009, 166, 1272-1278.	6.5	169
4	Novel carbon-supported Fe-N electrocatalysts synthesized through heat treatment of iron tripyridyl triazine complexes for the PEM fuel cell oxygen reduction reaction. <i>Electrochimica Acta</i> , 2008, 53, 7703-7710.	2.6	130
5	Water π -Donation in trans-Tetraammineruthenium(II): Effect on Coordinated-Water Properties Induced by a Trans NO Ligand. <i>Inorganic Chemistry</i> , 1999, 38, 5660-5667.	1.9	87
6	Removal of textile dyes from aqueous solution by babassu coconut epicarp (<i>Orbignya speciosa</i>). <i>Chemical Engineering Journal</i> , 2011, 173, 334-340.	6.6	71
7	Copper sorption from aqueous solutions and sugar cane spirits by chemically modified babassu coconut (<i>Orbignya speciosa</i>) mesocarp. <i>Chemical Engineering Journal</i> , 2010, 161, 99-105.	6.6	70
8	Fe loading of a carbon-supported Fe-N electrocatalyst and its effect on the oxygen reduction reaction. <i>Electrochimica Acta</i> , 2009, 54, 6631-6636.	2.6	68
9	Detection of the EPR Spectra of NO \cdot in Ruthenium(II) Complexes. <i>Inorganic Chemistry</i> , 2000, 39, 3577-3581.	1.9	59
10	Nickel-dimethylglyoxime complex modified graphite and carbon paste electrodes: preparation and catalytic activity towards methanol/ethanol oxidation. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 55-64.	1.5	54
11	Mineral Profile of Brazilian Cacha \tilde{c} as and Other International Spirits. <i>Journal of Food Composition and Analysis</i> , 1999, 12, 17-25.	1.9	47
12	Identification and dosage by HRGC of minor alcohols and esters in Brazilian sugar-cane spirit. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 86-90.	0.6	46
13	Chitosan-edible oil based materials as upgraded adsorbents for textile dyes. <i>Carbohydrate Polymers</i> , 2018, 180, 182-191.	5.1	35
14	Epicarp and mesocarp of babassu (<i>Orbignya speciosa</i>): characterization and application in copper phthalocyanine dye removal. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 21-29.	0.6	31
15	EIS-assisted performance analysis of non-noble metal electrocatalyst (Fe-N/C)-based PEM fuel cells in the temperature range of 23-80 $^{\circ}$ C. <i>Electrochimica Acta</i> , 2009, 54, 1737-1743.	2.6	28
16	Wood (<i>Bagassa guianensis</i> Aubl) and green coconut mesocarp (<i>cocos nucifera</i>) residues as textile dye removers (Remazol Red and Remazol Brilliant Violet). <i>Journal of Environmental Management</i> , 2017, 204, 23-30.	3.8	27
17	Collagen films from swim bladders: Preparation method and properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 62, 17-21.	2.5	24
18	Removal of Remazol brilliant violet textile dye by adsorption using rice hulls. <i>Polimeros</i> , 2017, 27, 16-26.	0.2	24

#	ARTICLE	IF	CITATIONS
19	1H NMR and EPR Studies of $[M(NH_3)_5(H_2O)](TFMS)_3$ (M = Ru, Os). Theory of the Paramagnetic Shift for Strong Field d5 Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 2865-2872.	1.9	21
20	Complexação de Ânions de metais por matéria orgânica dissolvida: modelagem e aplicação em sistemas reais. <i>Acta Amazonica</i> , 2009, 39, 639-648.	0.3	18
21	Hydrazine oxidation catalyzed by ruthenium hexacyanoferrate-modified glassy carbon electrode. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 375-382.	1.5	18
22	Development of a Novel and Simple Electroanalytical Procedure for the Determination of Copper in Biofuel Employing a Sensor Based on Vulcan Functionalized with Carbazone. <i>Journal of the Brazilian Chemical Society</i> , 2018, 29, 671-679.	0.6	15
23	High performance maleated lignocellulose epicarp fibers for copper ion removal. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 183-193.	0.7	11
24	New Chemical Organic Anhydride Immobilization Process Used on Banana Pseudostems: A Biopolymer for Cation Removal. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 11007-11015.	1.8	10
25	Photoelectrochemical-assisted determination of caffeic acid exploiting a composite based on carbon nanotubes, cadmium telluride quantum dots, and titanium dioxide. <i>Analytical Methods</i> , 2019, 11, 4775-4784.	1.3	10
26	Adsorption of Co(II), Ni(II), Cu(II), and Zn(II) on hexagonal templated zirconia obtained through a sol-gel process: the effects of nanostructure on adsorption features. <i>Journal of Colloid and Interface Science</i> , 2004, 277, 19-22.	5.0	7
27	Removal of phenolic compounds from aqueous solutions using activated carbon prepared from water hyacinth (<i>Eichhornia crassipes</i>): kinetic and thermodynamic equilibrium studies. <i>Quimica Nova</i> , 2014, 37, .	0.3	7
28	Sawdust Derivative for Environmental Application: Chemistry, Functionalization and Removal of textile dye from aqueous solution. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1212-1220.	0.3	6
29	Chemically Treated Rice Husk as Low-Cost Adsorbent for Metal Ions Uptake (Co ²⁺ and Ni ²⁺). <i>Revista Virtual De Química</i> , 2016, 8, .	0.1	6
30	Novo método espectrofotométrico para determinação de Hg (II) em amostras de peixe. <i>Food Science and Technology</i> , 2008, 28, 373-379.	0.8	5
31	Cianeto em tiquiras: riscos e metodologia analítica. <i>Food Science and Technology</i> , 2007, 27, 694-700.	0.8	3
32	Removal of the Textile Dye Indanthrene Olive Green from Aqueous Solution Using Chitosan. <i>Adsorption Science and Technology</i> , 2009, 27, 947-964.	1.5	3
33	Identificação e quantificação do cristal violeta em aguardentes de mandioca (tiquira). <i>Quimica Nova</i> , 2005, 28, 583-586.	0.3	3
34	EPR Spectroscopy as an Alternative Analytical Method for Copper Determination in Alcoholic Beverages. <i>Analytical Letters</i> , 1999, 32, 761-770.	1.0	2
35	Electrochemical Behavior of Ruthenium-Hexacyanoferrate Modified Glassy Carbon Electrode and Catalytic Activity towards Ethanol Electrooxidation. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	1
36	Sequential Design of Experiments for Removal of Methylene Blue Dye by Electrocoagulation Associated with Dissolved-Air System. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1

#	ARTICLE	IF	CITATIONS
37	Kinetics and thermodynamics of indanthrene textile dye adsorption onto chitosan. E-Polymers, 2010, 10, .	1.3	0
38	Adsorption of Methylene Blue and Crystal Violet on Baba-Şu (Obignya phalerata) Coconut Epicarp and the Development of a New Hg(II) Electrochemical Sensor. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 1099-1103.	0.6	0
39	A arte no ensino da Qu-Âmica: a linguagem que transforma. Research, Society and Development, 2021, 10, e330101320942.	0.0	0
40	Virtual Journal for Education in Chemistry: Principles and Structure. Revista Virtual De Quimica, 2015, 7, .	0.1	0
41	O modelo instrucional 5E e o ensino de Qu-Âmica: defini-Ş-ões e estrat-Â-gias. Research, Society and Development, 2022, 11, e14511124654.	0.0	0