Felipe Dm Souza

List of Publications by Year
in descending order

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		758635	713013
24	453	12	21
papers	citations	h-index	g-index

26	26	26	458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pd-Pt nanoparticles combined with ceria nanorods for application in oxygen reduction reactions in alkaline direct ethanol fuel cell cathodes. Journal of Alloys and Compounds, 2022, 899, 163361.	2.8	12
2	Cotton fabric derived Î±Fe magnetic porous carbon as electrocatalyst for alkaline direct ethanol fuel cell. Catalysis Today, 2021, 381, 65-75.	2.2	2
3	Acetol as a high-performance molecule for oxidation in alkaline direct liquid fuel cell. Renewable Energy, 2021, 165, 37-42.	4.3	7
4	Hybrid palladium-ceria nanorod electrocatalysts applications in oxygen reduction and ethanol oxidation reactions in alkaline media. International Journal of Hydrogen Energy, 2021, 46, 15896-15911.	3.8	17
5	NaNbO3 microcubes decorated with minimum Pd and maximum performance for Alkaline Direct Ethanol Fuel Cell applications. Journal of Power Sources, 2021, 493, 229694.	4.0	9
6	Fast and Inexpensive Synthesis of Multilayer Graphene Used as Pd Support in Alkaline Direct Ethanol Fuel Cell Anode. Electrocatalysis, 2021, 12, 715.	1.5	1
7	Electrocatalysts based on low amounts of palladium combined with tin nanoparticles and cerium dioxide nanorods for application as ADEFC anodes. International Journal of Hydrogen Energy, 2021, 46, 39438-39456.	3.8	7
8	Niobium increasing the electrocatalytic activity of palladium for alkaline direct ethanol fuel cell. Journal of Electroanalytical Chemistry, 2020, 858, 113824.	1.9	21
9	The effect of support on Pd1Nb1 electrocatalysts for ethanol fuel cells. Renewable Energy, 2020, 150, 293-306.	4.3	13
10	Methane activation on PdMn/C-ITO electrocatalysts using a reactor-type PEMFC. Research on Chemical Intermediates, 2020, 46, 4383-4402.	1.3	2
11	Microwave synthesis of Ti/(RuO2)0.5(IrO2)0.5 anodes: Improved electrochemical properties and stability. Journal of Electroanalytical Chemistry, 2020, 874, 114460.	1.9	30
12	Sn-containing electrocatalysts with a reduced amount of palladium for alkaline direct ethanol fuel cell applications. Renewable Energy, 2020, 158, 49-63.	4.3	18
13	Methane activation at low temperature in an acidic electrolyte using PdAu/C, PdCu/C, and PdTiO2/C electrocatalysts for PEMFC. Research on Chemical Intermediates, 2020, 46, 2481-2496.	1.3	12
14	MnO2/Vulcan-Based Gas Diffusion Electrode for Mineralization of Diazo Dye in Simulated Effluent. Electrocatalysis, 2020, 11, 268-274.	1.5	4
15	Insights in the Study of the Oxygen Reduction Reaction in Direct Ethanol Fuel Cells using Hybrid Platinumâ€Ceria Nanorods Electrocatalysts. ChemElectroChem, 2019, 6, 5124-5135.	1.7	9
16	Niobium Enhances Electrocatalytic Pd Activity in Alkaline Direct Glycerol Fuel Cells. ChemElectroChem, 2019, 6, 5396-5406.	1.7	9
17	A high-throughput analytical tool for quantification of 15 metallic nanoparticles supported on carbon black. Heliyon, 2019, 5, e01308.	1.4	13
18	Mitigation of arsenic in rice grains by polishing and washing: Evidencing the benefit and the cost. Journal of Cereal Science, 2019, 87, 52-58.	1.8	23

#	Article	IF	Citations
19	Mineralization of paracetamol using a gas diffusion electrode modified with ceria high aspect ratio nanostructures. Electrochimica Acta, 2019, 295, 39-49.	2.6	26
20	PdxNby electrocatalysts for DEFC in alkaline medium: Stability, selectivity and mechanism for EOR. International Journal of Hydrogen Energy, 2018, 43, 4505-4516.	3.8	41
21	Evaluation of H2O2 electrogeneration and decolorization of Orange II azo dye using tungsten oxide nanoparticle-modified carbon. Applied Catalysis B: Environmental, 2018, 232, 436-445.	10.8	98
22	Niobium: a promising Pd co-electrocatalyst for ethanol electrooxidation reactions. Journal of Solid State Electrochemistry, 2018, 22, 1495-1506.	1.2	22
23	Ceria high aspect ratio nanostructures supported on carbon for hydrogen peroxide electrogeneration. Electrochimica Acta, 2018, 259, 865-872.	2.6	54
24	Addition of CeO2 Nanorods in PtSn-Based Electrocatalysts for Ethanol Electrochemical Oxidation in Acid Medium. Journal of the Brazilian Chemical Society, 0, , .	0.6	1