

Felipe Dm Souza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8141743/publications.pdf>

Version: 2024-02-01

24
papers

453
citations

758635

12
h-index

713013

21
g-index

26
all docs

26
docs citations

26
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of H ₂ O ₂ electrogeneration and decolorization of Orange II azo dye using tungsten oxide nanoparticle-modified carbon. <i>Applied Catalysis B: Environmental</i> , 2018, 232, 436-445.	10.8	98
2	Ceria high aspect ratio nanostructures supported on carbon for hydrogen peroxide electrogeneration. <i>Electrochimica Acta</i> , 2018, 259, 865-872.	2.6	54
3	PdxNby electrocatalysts for DEFC in alkaline medium: Stability, selectivity and mechanism for EOR. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4505-4516.	3.8	41
4	Microwave synthesis of Ti/(RuO ₂) _{0.5} (IrO ₂) _{0.5} anodes: Improved electrochemical properties and stability. <i>Journal of Electroanalytical Chemistry</i> , 2020, 874, 114460.	1.9	30
5	Mineralization of paracetamol using a gas diffusion electrode modified with ceria high aspect ratio nanostructures. <i>Electrochimica Acta</i> , 2019, 295, 39-49.	2.6	26
6	Mitigation of arsenic in rice grains by polishing and washing: Evidencing the benefit and the cost. <i>Journal of Cereal Science</i> , 2019, 87, 52-58.	1.8	23
7	Niobium: a promising Pd co-electrocatalyst for ethanol electrooxidation reactions. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1495-1506.	1.2	22
8	Niobium increasing the electrocatalytic activity of palladium for alkaline direct ethanol fuel cell. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113824.	1.9	21
9	Sn-containing electrocatalysts with a reduced amount of palladium for alkaline direct ethanol fuel cell applications. <i>Renewable Energy</i> , 2020, 158, 49-63.	4.3	18
10	Hybrid palladium-ceria nanorod electrocatalysts applications in oxygen reduction and ethanol oxidation reactions in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 15896-15911.	3.8	17
11	A high-throughput analytical tool for quantification of 15 metallic nanoparticles supported on carbon black. <i>Heliyon</i> , 2019, 5, e01308.	1.4	13
12	The effect of support on Pd ₁ Nb ₁ electrocatalysts for ethanol fuel cells. <i>Renewable Energy</i> , 2020, 150, 293-306.	4.3	13
13	Methane activation at low temperature in an acidic electrolyte using PdAu/C, PdCu/C, and PdTiO ₂ /C electrocatalysts for PEMFC. <i>Research on Chemical Intermediates</i> , 2020, 46, 2481-2496.	1.3	12
14	Pd-Pt nanoparticles combined with ceria nanorods for application in oxygen reduction reactions in alkaline direct ethanol fuel cell cathodes. <i>Journal of Alloys and Compounds</i> , 2022, 899, 163361.	2.8	12
15	Insights in the Study of the Oxygen Reduction Reaction in Direct Ethanol Fuel Cells using Hybrid Platinum-Ceria Nanorods Electrocatalysts. <i>ChemElectroChem</i> , 2019, 6, 5124-5135.	1.7	9
16	Niobium Enhances Electrocatalytic Pd Activity in Alkaline Direct Glycerol Fuel Cells. <i>ChemElectroChem</i> , 2019, 6, 5396-5406.	1.7	9
17	NaNbO ₃ microcubes decorated with minimum Pd and maximum performance for Alkaline Direct Ethanol Fuel Cell applications. <i>Journal of Power Sources</i> , 2021, 493, 229694.	4.0	9
18	Acetol as a high-performance molecule for oxidation in alkaline direct liquid fuel cell. <i>Renewable Energy</i> , 2021, 165, 37-42.	4.3	7

#	ARTICLE	IF	CITATIONS
19	Electrocatalysts based on low amounts of palladium combined with tin nanoparticles and cerium dioxide nanorods for application as ADEFC anodes. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39438-39456.	3.8	7
20	MnO ₂ /Vulcan-Based Gas Diffusion Electrode for Mineralization of Diazo Dye in Simulated Effluent. <i>Electrocatalysis</i> , 2020, 11, 268-274.	1.5	4
21	Cotton fabric derived γ -Fe magnetic porous carbon as electrocatalyst for alkaline direct ethanol fuel cell. <i>Catalysis Today</i> , 2021, 381, 65-75.	2.2	2
22	Methane activation on PdMn/C-ITO electrocatalysts using a reactor-type PEMFC. <i>Research on Chemical Intermediates</i> , 2020, 46, 4383-4402.	1.3	2
23	Addition of CeO ₂ Nanorods in PtSn-Based Electrocatalysts for Ethanol Electrochemical Oxidation in Acid Medium. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
24	Fast and Inexpensive Synthesis of Multilayer Graphene Used as Pd Support in Alkaline Direct Ethanol Fuel Cell Anode. <i>Electrocatalysis</i> , 2021, 12, 715.	1.5	1