

Amani E Fetohi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

396
citations

759233

12
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996975

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16
all docs

16
docs citations

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times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterointerface Engineering of Hierarchically Assembling Layered Double Hydroxides on Cobalt Selenide as Efficient Trifunctional Electrocatalysts for Water Splitting and Zinc-Air Battery. <i>Advanced Science</i> , 2022, 9, e2104522.	11.2	79
2	Ni-P and Ni-Co-P coated aluminum alloy 5251 substrates as metallic bipolar plates for PEM fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7677-7688.	7.1	56
3	Ni-P and Ni-Mo-P modified aluminium alloy 6061 as bipolar plate material for proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2013, 240, 589-597.	7.8	35
4	Effect of nickel loading in Ni@Pt/C electrocatalysts on their activity for ethanol oxidation in alkaline medium. <i>Electrochimica Acta</i> , 2017, 242, 187-201.	5.2	32
5	Preparation and characterization of Pt-CeO ₂ /C and Pt-TiO ₂ /C electrocatalysts with improved electrocatalytic activity for methanol oxidation. <i>Applied Surface Science</i> , 2016, 367, 382-390.	6.1	28
6	Study of different aluminum alloy substrates coated with Ni-Co-P as metallic bipolar plates for PEM fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 10807-10817.	7.1	26
7	Promotion effect of manganese oxide on the electrocatalytic activity of Pt/C for methanol oxidation in acid medium. <i>Applied Surface Science</i> , 2015, 359, 651-663.	6.1	26
8	Anchoring stable FeS ₂ nanoparticles on MXene nanosheets via interface engineering for efficient water splitting. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 662-669.	6.0	26
9	Core-shell structured Cu@Pt nanoparticles as effective electrocatalyst for ethanol oxidation in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 14680-14696.	7.1	24
10	Development of electroless Ni-P modified aluminum substrates in a simulated fuel cell environment. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 30, 239-248.	5.8	18
11	Electrocatalytic activity of Pt-ZrO ₂ supported on different carbon materials for methanol oxidation in H ₂ SO ₄ solution. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 1846-1858.	7.1	18
12	Influence of Metal Oxides on Platinum Activity towards Methanol Oxidation in H ₂ SO ₄ solution. <i>ChemPhysChem</i> , 2016, 17, 1054-1061.	2.1	14
13	Preparation, characterization and electrocatalytic activity of transition metal @ platinum on carbon support for alkaline ethanol electro-oxidation. <i>Journal of Porous Materials</i> , 2019, 26, 971-986.	2.6	6
14	Bifunctional manganese oxide-silver nanocomposites anchored on graphitic mesoporous carbon to promote oxygen reduction and inhibit cathodic biofilm growth for long-term operation of microbial fuel cells fed with sewage. <i>Sustainable Energy and Fuels</i> , 2022, 6, 430-439.	4.9	6
15	Ligand and temperature effects of porous palladium nanoparticle ensembles with grain boundaries for highly efficient electrocatalytic CO ₂ reduction. <i>Journal of Materials Science</i> , 2022, 57, 7276-7289.	3.7	2