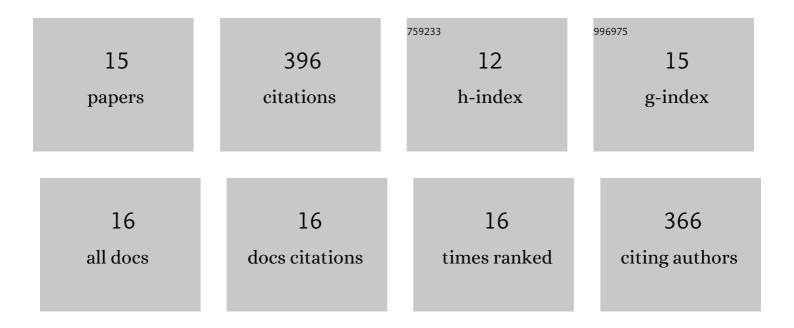
Amani E Fetohi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Heterointerface Engineering of Hierarchically Assembling Layered Double Hydroxides on Cobalt Selenide as Efficient Trifunctional Electrocatalysts for Water Splitting and Zincâ€Air Battery. Advanced Science, 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. International Journal of Hydrogen Energy, 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. Journal of Power Sources, 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. Electrochimica Acta, 2017, 242, 187-201.	5.2	32
5	Preparation and characterization of Pt–CeO2/C and Pt–TiO2/C electrocatalysts with improved electrocatalytic activity for methanol oxidation. Applied Surface Science, 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. International Journal of Hydrogen Energy, 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. Applied Surface Science, 2015, 359, 651-663.	6.1	26
8	Anchoring stable FeS ₂ nanoparticles on MXene nanosheets <i>via</i> interface engineering for efficient water splitting. Inorganic Chemistry Frontiers, 2022, 9, 662-669.	6.0	26
9	Core–shell structured Cu@Pt nanoparticles as effective electrocatalyst for ethanol oxidation in alkaline medium. International Journal of Hydrogen Energy, 2017, 42, 14680-14696.	7.1	24
10	Development of electroless Ni–P modified aluminum substrates in a simulated fuel cell environment. Journal of Industrial and Engineering Chemistry, 2015, 30, 239-248.	5.8	18
11	Electrocatalytic activity of Pt–ZrO2 supported on different carbon materials for methanol oxidation in H2SO4 solution. International Journal of Hydrogen Energy, 2016, 41, 1846-1858.	7.1	18
12	Influence of Metal Oxides on Platinum Activity towards Methanol Oxidation in H ₂ SO ₄ solution. ChemPhysChem, 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. Journal of Porous Materials, 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. Sustainable Energy and Fuels, 2022, 6, 430-439.	4.9	6
15	Ligand and temperature effects of porous palladium nanoparticle ensembles with grain boundaries for highly efficient electrocatalytic CO2 reduction. Journal of Materials Science, 2022, 57, 7276-7289.	3.7	2