Elnaz Asghari

List of Publications by Year
in descending order

13	243	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of amino acids and montmorillonite nanoparticles on improving the corrosion protection characteristics of hybrid sol-gel coating applied on AZ91 Mg alloy. Materials Chemistry and Physics, 2019, 225, 298-308.	4.0	52
2	Fabrication of bridge like Pt@MWCNTs/CoS 2 electrocatalyst on conductive polymer matrix for electrochemical hydrogen evolution. Chemical Engineering Journal, 2017, 308, 275-288.	12.7	40
3	Fabrication and electrochemical kinetics studies of reduced carbon quantum dots- supported palladium nanoparticles as bifunctional catalysts in methanol oxidation and hydrogen evolution reactions. Synthetic Metals, 2019, 254, 153-163.	3.9	30
4	Nickel nanoparticles decorated on carbon quantum dots as a novel non-platinum catalyst for methanol oxidation; a green, low-cost, electrochemically-synthesized electrocatalyst. Chemical Engineering Science, 2020, 217, 115534.	3.8	24
5	Sonoelectrosynthesized polypyrrole-graphene oxide nanocomposite modified by carbon nanotube and Cu2O nanoparticles on copper electrode for electrocatalytic oxidation of methanol. Journal of the Taiwan Institute of Chemical Engineers, 2016, 69, 118-130.	5.3	16
6	A low-cost platinum-free electrocatalyst based on carbon quantum dots decorated Niâ€“Cu hierarchical nanocomposites for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2020, 45, 19324-19334.	7.1	16
7	Advances, opportunities, and challenges of hydrogen and oxygen production from seawater electrolysis: An electrocatalysis perspective. Current Opinion in Electrochemistry, 2022, 31, 100879.	4.8	16
8	The use of a hierarchically platinum-free electrode composed of tin oxide decorated polypyrrole on nanoporous copper in catalysis of methanol electrooxidation. Thin Solid Films, 2016, 598, 6-15.	1.8	13
9	Electrosynthesis of polypyrroleâ€“nanodiamond composite film under ultrasound irradiation: Promotion for methanol electrooxidation by gold and Cu 2 O nanostructures. Journal of the Taiwan Institute of Chemical Engineers, 2017, 75, 263-270.	5.3	11
10	Design of new anodic bimetallic nanocatalyst composed of Niâ€“Cu supported by reduced carbon quantum dots for the methanol oxidation reaction. Diamond and Related Materials, 2021, 115, 108348.	3.9	10
11	Improvement of the electrocatalytic performance of platinum-free hierarchical Cu/polypyrrole/NiOx anode for methanol oxidation via changing the morphology of polypyrrole sublayer by self-assembled pyrrole monomers and overoxidation. Synthetic Metals, 2017, 229, 57-64.	3.9	9
12	Tartaric Acid as a Non-toxic and Environmentally-Friendly Anti-scaling Material for Using in Cooling Water Systems: Electrochemical and Surface Studies. Journal of Materials Engineering and Performance, 2016, 25, 4230-4238.	2.5	4
13	A facile electrochemical strategy for synthesis of 3D nanodimensional polypyrrole structures using self-assembled layers of pyrrole monomers. Progress in Organic Coatings, 2016, 101, 130-141.	3.9	2