

Elnaz Asghari

List of Publications by Year in descending order

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13
papers

243
citations

1040056

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14
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329
citing authors

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