Pooria Moozarm Nia

List of Publications by Citations

28 papers	750 citations	14 h-index	27 g-index
28 ext. papers	825 ext. citations	5.3 avg, IF	4.36 L-index

#	Paper	IF	Citations
28	One-step hydrothermal green synthesis of silver nanoparticle-carbon nanotube reduced-graphene oxide composite and its application as hydrogen peroxide sensor. *Sensors and Actuators B: Chemical* , **2015**, 208, 389-398	8.5	145
27	Electrodeposition of copper oxide/polypyrrole/reduced graphene oxide as a nonenzymatic glucose biosensor. *Sensors and Actuators B: Chemical*, **2015**, 209, 100-108	8.5	106
26	A novel non-enzymatic H2O2 sensor based on polypyrrole nanofibers□silver nanoparticles decorated reduced graphene oxide nano composites. *Applied Surface Science*, **2015**, 332, 648-656	6.7	90
25	Hydrogen peroxide sensor: Uniformly decorated silver nanoparticles on polypyrrole for wide detection range. *Applied Surface Science*, **2015**, 357, 1565-1572	6.7	47
24	Facile one-step electrochemical deposition of copper nanoparticles and reduced graphene oxide as nonenzymatic hydrogen peroxide sensor. *Applied Surface Science*, **2017**, 413, 56-65	6.7	45
23	Nanocomposites of nitrogen-doped graphene decorated with a palladium silver bimetallic alloy for use as a biosensor for methotrexate detection. *RSC Advances*, **2015**, 5, 99555-99565	3.7	44
22	One-step preparation of silver□polyaniline nanotube composite for non-enzymatic hydrogen peroxide detection. *Applied Surface Science*, **2015**, 347, 816-823	6.7	34
21	Electrodeposited reduced graphene oxide as a highly efficient and low-cost electrocatalyst for vanadium redox flow batteries. *Electrochimica Acta*, **2019**, 297, 31-39	6.7	33
20	Electrooxidation of nitrite based on green synthesis of gold nanoparticles using Hibiscus sabdariffa leaves. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 95, 616-626	5.3	30
19	Morphology and electrical properties of electrochemically synthesized pyrrole□formyl pyrrole copolymer. *Applied Surface Science*, **2015**, 357, 806-813	6.7	21
18	Novel polyolefin based alkaline polymer electrolyte membrane for vanadium redox flow batteries. *Journal of Power Sources*, **2019**, 424, 245-253	8.9	20
17	A novel method for fabricating Fe2+ ion selective sensor using polypyrrole and sodium dodecyl sulfate based on carbon screen-printed electrode. *Measurement: Journal of the International Measurement Confederation*, **2015**, 69, 115-125	4.6	18
16	One-Step Electrodeposition of Polypyrrole-Copper Nano Particles for H2O2Detection. *Journal of the Electrochemical Society*, **2016**, 163, B8-B14	3.9	17
15	One-Step Synthesis of Different Silver-Polyaniline Composite Morphologies for Enzymless Hydrogen Peroxide Detection. *Journal of the Electrochemical Society*, **2015**, 162, B193-B200	3.9	15
14	Comparative study on the corrosion and wear behavior of plasma-sprayed vs. high velocity oxygen fuel-sprayed Al8Si20BN ceramic coatings. *Ceramics International*, **2018**, 44, 12180-12193	5.1	14
13	Facile self-assembled Prussian blue-polypyrrole nanocomposites on glassy carbon: Comparative synthesis methods and its electrocatalytic reduction towards H2O2. *Electrochimica Acta*, **2017**, 246, 841-852	6.7	12
12	Flexible supercapacitor based on electrochemically synthesized pyrrole formyl pyrrole copolymer coated on carbon microfibers. *Applied Surface Science*, **2016**, 378, 259-269	6.7	11

11	Self-assembled heteropolyacid on nitrogen-enriched carbon nanofiber for vanadium flow batteries. *Nanoscale*, **2018**, 10, 13212-13222	7.7	9
10	Electrocatalytic activity of starch/Fe3O4/zeolite bionanocomposite for oxygen reduction reaction. *Arabian Journal of Chemistry*, **2020**, 13, 1297-1308	5.9	8
9	Tunable Electrochemical Approach for Reduction of Graphene Oxide: Taguchi-Assisted Chemical and Structural Optimization. *Journal of the Electrochemical Society*, **2018**, 165, E429-E438	3.9	6
8	Phosphoric acid doped composite proton exchange membrane for hydrogen production in medium-temperature copper chloride electrolysis. *International Journal of Hydrogen Energy*, **2020**, 45, 22209-22222	6.7	6
7	Surface Plasmon Resonance Sensor Based on Polypyrrole□Chitosan□BaFe2O4 Nanocomposite Layer to Detect the Sugar. *Applied Sciences (Switzerland)*, **2020**, 10, 2855	2.6	5
6	Self-assembled Prussian blue□olypyrrole nanocomposites for energy storage application. *Journal of Applied Electrochemistry*, **2019**, 49, 631-638	2.6	4
5	The optimization of effective parameters for electrodeposition of reduced graphene oxide through Taguchi method to evaluate the charge transfer. *Measurement: Journal of the International Measurement Confederation*, **2019**, 137, 683-690	4.6	4
4	Polypyrrole-Chitosan-CaFe2O4 Layer Sensor for Detection of Anionic and Cationic Dye Using Surface Plasmon Resonance. *International Journal of Polymer Science*, **2020**, 2020, 1-10	2.4	3
3	GO-modified membranes for vanadium redox flow battery. *E3S Web of Conferences*, **2019**, 90, 01004	0.5	1
2	Electro-Catalytic Behavior of Silver Nanoparticles Embedded in Potato and Tapioca Starch for Oxygen Reduction Reaction. *Starch/Staerke*, **2019**, 71, 1800038	2.3	1
1	Tetraethylenepentamine-containing adsorbent with optimized amination efficiency based on grafted polyolefin microfibrous substrate for CO2 adsorption. *Arabian Journal of Chemistry*, **2021**, 14, 103067	5.9	1