Pooria Moozarm Nia

List of Publications by Year
in descending order

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28	919	566801 15	500791 28
papers	citations	h-index	g-index

28	28	28	1480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	4.0	167
2	Electrodeposition of copper oxide/polypyrrole/reduced graphene oxide as a nonenzymatic glucose biosensor. Sensors and Actuators B: Chemical, 2015, 209, 100-108.	4.0	118
3	A novel non-enzymatic H2O2 sensor based on polypyrrole nanofibersâ€“silver nanoparticles decorated reduced graphene oxide nano composites. Applied Surface Science, 2015, 332, 648-656.	3.1	106
4	Facile one-step electrochemical deposition of copper nanoparticles and reduced graphene oxide as nonenzymatic hydrogen peroxide sensor. Applied Surface Science, 2017, 413, 56-65.	3.1	57
5	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.	1.7	52
6	Hydrogen peroxide sensor: Uniformly decorated silver nanoparticles on polypyrrole for wide detection range. Applied Surface Science, 2015, 357, 1565-1572.	3.1	52
7	Electrodeposited reduced graphene oxide as a highly efficient and low-cost electrocatalyst for vanadium redox flow batteries. Electrochimica Acta, 2019, 297, 31-39.	2.6	48
8	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.	2.7	47
9	One-step preparation of silverâ€“polyaniline nanotube composite for non-enzymatic hydrogen peroxide detection. Applied Surface Science, 2015, 347, 816-823.	3.1	35
10	Novel polyolefin based alkaline polymer electrolyte membrane for vanadium redox flow batteries. Journal of Power Sources, 2019, 424, 245-253.	4.0	24
11	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.	2.5	23
12	One-Step Electrodeposition of Polypyrrole-Copper Nano Particles for H2O2Detection. Journal of the Electrochemical Society, 2016, 163, B8-B14.	1.3	22
13	Morphology and electrical properties of electrochemically synthesized pyrroleâ€“formyl pyrrole copolymer. Applied Surface Science, 2015, 357, 806-813.	3.1	21
14	One-Step Synthesis of Different Silver-Polyaniline Composite Morphologies for Enzymless Hydrogen Peroxide Detection. Journal of the Electrochemical Society, 2015, 162, B193-B200.	1.3	17
15	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.	2.6	16
16	Flexible supercapacitor based on electrochemically synthesized pyrrole formyl pyrrole copolymer coated on carbon microfibers. Applied Surface Science, 2016, 378, 259-269.	3.1	15
17	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.	2.3	15
18	Self-assembled heteropolyacid on nitrogen-enriched carbon nanofiber for vanadium flow batteries. Nanoscale, 2018, 10, 13212-13222.	2.8	15

#	Article	IF	Citations
19	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.	3.8	14
20	Electrocatalytic activity of starch/Fe3O4/zeolite bionanocomposite for oxygen reduction reaction. Arabian Journal of Chemistry, 2020, 13, 1297-1308.	2.3	13
21	Tunable Electrochemical Approach for Reduction of Graphene Oxide: Taguchi-Assisted Chemical and Structural Optimization. Journal of the Electrochemical Society, 2018, 165, E429-E438.	1.3	8
22	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.	2.5	7
23	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.	1.2	7
24	Surface Plasmon Resonance Sensor Based on Polypyrroleâ€“Chitosanâ€“BaFe2O4 Nanocomposite Layer to Detect the Sugar. Applied Sciences (Switzerland), 2020, 10, 2855.	1.3	6
25	Tetraethylenepentamine-containing adsorbent with optimized amination efficiency based on grafted polyolefin microfibrous substrate for CO2 adsorption. Arabian Journal of Chemistry, 2021, 14, 103067.	2.3	6
26	Self-assembled Prussian blueâ€“polypyrrole nanocomposites for energy storage application. Journal of Applied Electrochemistry, 2019, 49, 631-638.	1.5	5
27	GO-modified membranes for vanadium redox flow battery. E3S Web of Conferences, 2019, 90, 01004.	0.2	2
28	Electroâ€Catalytic Behavior of Silver Nanoparticles Embedded in Potato and Tapioca Starch for Oxygen Reduction Reaction. Starch/Staerke, 2019, 71, 1800038.	1.1	1