

Hesham Soliman

List of Publications by Year in descending order

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31
papers

792
citations

516710

16
h-index

526287

27
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32
all docs

32
docs citations

32
times ranked

1071
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of Nanostructured Thermoelectric Bismuth Telluride Thick Films by Electrochemical Deposition. <i>Chemistry of Materials</i> , 2006, 18, 3627-3633.	6.7	122
2	Evaluation of graphene oxide-activated carbon as effective composite adsorbent toward the removal of cationic dyes: Composite preparation, characterization and adsorption parameters. <i>Journal of Molecular Liquids</i> , 2019, 279, 530-539.	4.9	93
3	Effects of Annealing and Doping on Nanostructured Bismuth Telluride Thick Films. <i>Chemistry of Materials</i> , 2008, 20, 4403-4410.	6.7	72
4	Effect of reaction time and Sb doping ratios on the architecturing of ZnO nanomaterials for gas sensor applications. <i>Applied Surface Science</i> , 2013, 277, 73-82.	6.1	44
5	Graphene oxide: Follow the oxidation mechanism and its application in water treatment. <i>Journal of Molecular Liquids</i> , 2018, 265, 226-237.	4.9	41
6	Thermo- and pH-sensitive hydrogel membranes composed of poly(N-isopropylacrylamide)-hyaluronan for biomedical applications: Influence of hyaluronan incorporation on the membrane properties. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 158-167.	7.5	37
7	Metronidazole Topically Immobilized Electrospun Nanofibrous Scaffold: Novel Secondary Intention Wound Healing Accelerator. <i>Polymers</i> , 2022, 14, 454.	4.5	32
8	Preparation and characterizations of tungsten oxide electrochromic nanomaterials. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 1313-1321.	2.2	30
9	Development of sponge/graphene oxide composite as eco-friendly filter to remove methylene blue from aqueous media. <i>Applied Surface Science</i> , 2019, 496, 143676.	6.1	29
10	Preparation and characterization of DC sputtered molybdenum thin films. <i>AEJ - Alexandria Engineering Journal</i> , 2011, 50, 57-63.	6.4	27
11	Electrochemical Deposition and Optimization of Thermoelectric Nanostructured Bismuth Telluride Thick Films. <i>Engineering</i> , 2011, 03, 659-667.	0.8	23
12	Electrodeposited cobalt oxide nanoparticles modified carbon nanotubes as a non-precious catalyst electrode for oxygen reduction reaction. <i>Journal of Applied Electrochemistry</i> , 2017, 47, 183-195.	2.9	22
13	Preparation and characterization of layered-double hydroxides decorated on graphene oxide for dye removal from aqueous solution. <i>Journal of Materials Research and Technology</i> , 2022, 17, 2782-2795.	5.8	21
14	Seebeck coefficient of nanostructured phosphorus-alloyed bismuth telluride thick films. <i>Journal of Alloys and Compounds</i> , 2009, 471, 278-281.	5.5	19
15	CdSe Quantum Dots for Solar Cell Devices. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-7.	2.5	19
16	Decontamination of organic pollutants from aqueous media using cotton fiber-graphene oxide composite, utilizing batch and filter adsorption techniques: a comparative study. <i>RSC Advances</i> , 2019, 9, 5770-5785.	3.6	19
17	The use of rotating cylinder electrode to study the effect of 1,3-dihydroxypropane on the production of copper powder. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 705-714.	0.6	18
18	Impact of Congo red dye in nano-porous silicon as pH-sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 279-285.	7.8	18

#	ARTICLE	IF	CITATIONS
19	Fabrication and Characterization of Effective Biochar Biosorbent Derived from Agricultural Waste to Remove Cationic Dyes from Wastewater. <i>Polymers</i> , 2022, 14, 2587.	4.5	17
20	Formalin solution and acetone as organic additives in electrodeposition of copper. <i>Applied Surface Science</i> , 2002, 195, 155-165.	6.1	16
21	Fabrication of nano-porous silicon using alkali etching process. <i>Materials Letters</i> , 2013, 100, 184-187.	2.6	16
22	A novel method for highly effective removal and determination of binary cationic dyes in aqueous media using a cottonâ€“graphene oxide composite. <i>RSC Advances</i> , 2020, 10, 7791-7802.	3.6	16
23	Low temperature synthesis of cubic phase zinc sulfide quantum dots. <i>Open Chemistry</i> , 2012, 10, 54-58.	1.9	13
24	Effect of reducing agent strength on the growth and thermoelectric performance of nanocrystalline bismuth telluride. <i>Materials Research Express</i> , 2018, 5, 035033.	1.6	7
25	Adsorption of Methylene Blue Dye on Hydrothermally Prepared Tungsten Oxide Nanosheets. <i>Egyptian Journal of Chemistry</i> , 2020, 63, 483-498.	0.2	7
26	Synthesis and Seebeck coefficient of nanostructured phosphorusâ€“alloyed bismuth telluride thick films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 3453-3457.	0.8	6
27	Structure evaluation of bismuth telluride (Bi ₂ Te ₃) nanoparticles with enhanced Seebeck coefficient and low thermal conductivity. <i>Materials Research Innovations</i> , 0, , 1-9.	2.3	6
28	Hydraulic classifier system for fractionation of nano CaCO ₃ particles. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 379-391.	3.1	1
29	Fouling-resistant brush-like oligomers of poly(3-aminophenol). , 0, 73, 237-248.		1
30	Protein-Repellence PES Membranes Using Bio-grafting of Ortho-aminophenol. <i>Polymers</i> , 2016, 8, 306.	4.5	0
31	The Use of Rotating Cylinder Electrode to Study the Effect of 1,3-Dihydroxypropane on Copper Electrorefining. <i>Portugaliae Electrochimica Acta</i> , 2006, 24, 415-440.	1.1	0