Hassan Shokry Hassan

List of Publications by Year
in descending order

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Version: 2024-02-01

47	1,641	218592	302012
papers	citations	26 h-index	39 g-index

47	47	47	1687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial nanocellulose from agro-industrial wastes: low-cost and enhanced production by Komagataeibacter saccharivorans MD1. Scientific Reports, 2020, 10, 3491.	1.6	143
2	Nano activated carbon from industrial mine coal as adsorbents for removal of dye from simulated textile wastewater: operational parameters and mechanism study. Journal of Materials Research and Technology, 2019, 8, 4477-4488.	2.6	93
3	Eco-friendly magnetic activated carbon nano-hybrid for facile oil spills separation. Scientific Reports, 2020, 10, 10265.	1.6	74
4	Effect of superparamagnetic nanoparticles on the physicochemical properties of nano hydroxyapatite for groundwater treatment: adsorption mechanism of Fe(<scp>ii</scp>) and Mn(<scp>ii</scp>). RSC Advances, 2016, 6, 82244-82259.	1.7	72
5	Nano-architecture of highly sensitive SnO2â€“based gas sensors for acetone and ammonia using molecular imprinting technique. Sensors and Actuators B: Chemical, 2019, 297, 126668.	4.0	60
6	New Activated Carbon from Mine Coal for Adsorption of Dye in Simulated Water or Multiple Heavy Metals in Real Wastewater. Materials, 2020, 13, 2498.	1.3	60
7	New insights into the activity of green supported nanoscale zero-valent iron composites for enhanced acid blue-25 dye synergistic decolorization from aqueous medium. Journal of Molecular Liquids, 2019, 294, 111628.	2.3	59
8	Impact of synthesized metal oxide nanomaterials on seedlings production of three Solanaceae crops. Heliyon, 2020, 6, e03188.	1.4	55
9	Construction of Zinc Oxide into Different Morphological Structures to Be Utilized as Antimicrobial Agent against Multidrug Resistant Bacteria. Bioinorganic Chemistry and Applications, 2015, 2015, 1-20.	1.8	54
10	Biocompatible MIP-202 Zr-MOF tunable sorbent for cost-effective decontamination of anionic and cationic pollutants from waste solutions. Scientific Reports, 2021, 11, 6619.	1.6	53
11	Microwaveâ€Assisted Synthesis of Magnetic Hydroxyapatite for Removal of Heavy Metals from Groundwater. Chemical Engineering and Technology, 2018, 41, 553-562.	0.9	51
12	Adsorption Profile of Basic Dye onto Novel Fabricated Carboxylated Functionalized Co-Polymer Nanofibers. Polymers, 2016, 8, 177.	2.0	48
13	Electrospun Polyvinyl Alcohol/ Pluronic F127 Blended Nanofibers Containing Titanium Dioxide for Antibacterial Wound Dressing. Applied Biochemistry and Biotechnology, 2016, 178, 1488-1502.	1.4	47
14	Formulation of Synthesized Zinc Oxide Nanopowder into Hybrid Beads for Dye Separation. Journal of Nanomaterials, 2014, 2014, 1-14.	1.5	45
15	Effect of reaction time and Sb doping ratios on the architecturing of ZnO nanomaterials for gas sensor applications. Applied Surface Science, 2013, 277, 73-82.	3.1	44
16	Novel eco-friendly electrospun nanomagnetic zinc oxide hybridized PVA/alginate/chitosan nanofibers for enhanced phenol decontamination. Environmental Science and Pollution Research, 2020, 27, 43077-43092.	2.7	42
17	Fabrication of ZnO and ZnO:Sb Nanoparticles for Gas Sensor Applications. Journal of Nanomaterials, 2010, 2010, 1-8.	1.5	41
18	Immobilization of Magnetic Nanoparticles onto Amine-Modified Nano-Silica Gel for Copper Ions Remediation. Materials, 2016, 9, 460.	1.3	41

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19	Development of polypyrrole coated copper nanowires for gas sensor application. Sensing and Bio-Sensing Research, 2015, 5, 50-54.	2.2	38
20	Photocatalytic Degradation of Malachite Green Dye from Aqueous Solution Using Environmentally Compatible Ag/ZnO Polymeric Nanofibers. Polymers, 2021, 13, 2033.	2.0	37
21	Effect of gamma irradiation on the FTIR of cement kiln dustâ€“bismuth borate glasses. Journal of Non-Crystalline Solids, 2015, 419, 110-117.	1.5	36
22	Synthesis and characterization of surface modified electrospun poly (acrylonitrile-co-styrene) nanofibers for dye decolorization. Journal of the Taiwan Institute of Chemical Engineers, 2016, 58, 274-282.	2.7	36
23	Fabrication of novel magnetic zinc oxide cellulose acetate hybrid nano-fiber to be utilized for phenol decontamination. Journal of the Taiwan Institute of Chemical Engineers, 2017, 78, 307-316.	2.7	35
24	Invention of Hollow Zirconium Tungesto-Vanadate at Nanotube Morphological Structure for Radionuclides and Heavy Metal Pollutants Decontamination from Aqueous Solutions. Nanoscale Research Letters, 2015, 10, 474.	3.1	34
25	Synthesis, characterization and fabrication of gas sensor devices using ZnO and ZnO:In nanomaterials. Beni-Suef University Journal of Basic and Applied Sciences, 2014, 3, 216-221.	0.8	32
26	Novel Magnetic Zinc Oxide Nanotubes for Phenol Adsorption: Mechanism Modeling. Materials, 2017, 10, 1355.	1.3	31
27	Utilization of iron waste from steel industries in persulfate activation for effective degradation of dye solutions. Journal of Environmental Management, 2022, 314, 115108.	3.8	31
28	Sorption Profile of Phosphorus Ions onto ZnO Nanorods Synthesized via Sonic Technique. Journal of Engineering (United States), 2016, 2016, 1-9.	0.5	29
29	Fabrication and characterization of gas sensor micro-arrays. Sensing and Bio-Sensing Research, 2014, 1, 34-40.	2.2	26
30	Fabrication and analysis of new bismuth borate glasses containing cement kiln dust. Journal of Non-Crystalline Solids, 2014, 403, 47-52.	1.5	23
31	Electrospun Polyvinyl Alcohol Nanofibers Containing Titanium Dioxide for Gas Sensor Applications. Arabian Journal for Science and Engineering, 2019, 44, 251-257.	1.7	22
32	Ruthenium (Ru) doped zinc oxide nanostructure-based radio frequency identification (RFID) gas sensors for NH3 detection. Journal of Materials Research and Technology, 2020, 9, 15693-15704.	2.6	19
33	Basic Violet Decolourization Using Alginate Immobilized Nanozirconium Tungestovanadate Matrix as Cation Exchanger. Journal of Chemistry, 2015, 2015, 1-10.	0.9	17
34	Bio-Zirconium Metalâ€“Organic Framework Regenerable Bio-Beads for the Effective Removal of Organophosphates from Polluted Water. Polymers, 2021, 13, 3869.	2.0	17
35	Development of Nano- $$hbox {WO}_{3}$$ WO 3 Doped with NiO for Wireless Gas Sensors. Arabian Journal for Science and Engineering, 2019, 44, 647-654.	1.7	13
36	Upcycling of Polystyrene Waste Plastics to High Value Carbon by Thermal Decomposition. Key Engineering Materials, 0, 897, 103-108.	0.4	11

#	Article	IF	Citations
37	Trimethoprim Antibiotic Adsorption from Aqueous Solution onto Eco-Friendly Zr-Metal Organic Framework Material. Materials, 2021, 14, 7545.	1.3	11
38	Role of preparation technique in the morphological structures of innovative nano-cation exchange. Journal of Materials Research and Technology, 2019, 8, 2854-2864.	2.6	10
39	Equilibrium and Kinetic Behaviors of Cationic Dye Decolorization Using Poly (<scp>AN</scp>â€coâ€Py)/ZrO₂ Novel Nanopolymeric Composites. Advances in Polymer Technology, 2018, 37, 740-752.	0.8	9
40	Synthesis and Characterization of Stabilized Tetragonal Nano Zirconia by Precipitation Method. Journal of Nano Research, 2019, 56, 142-151.	0.8	9
41	Novel aspartic-based bio-MOF adsorbent for effective anionic dye decontamination from polluted water. RSC Advances, 2022, 12, 18363-18372.	1.7	9
42	An Enhanced Multi-Objective Particle Swarm Optimization in Water Distribution Systems Design. Water (Switzerland), 2021, 13, 1334.	1.2	8
43	Effect of replacement of selenium by indium on the thermal stability and crystallization kinetics of quaternary Se90â^'xâ€“Zn5â€“Te5â€“Inx glassy alloys. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	7
44	Using Ginger Extract for Synthesis of Metallic Nanoparticles and their Applications in Water Treatment. Journal of Pure and Applied Microbiology, 2020, 14, 1227-1236.	0.3	4
45	Effect of eggshell/N,N-dimethylformamide (DMF) mixing ratios on the sonochemical production of CaCO3 nanoparticles. Journal of Engineering and Applied Science, 2022, 69, .	0.8	3
46	Development of Nano-SnO2 and SnO2:V2O5 Thin Films for Selective Gas Sensor Devices. Arabian Journal for Science and Engineering, 2021, 46, 669-686.	1.7	1
47	Intelligent nanosensors (INS) for environmental applications. , 2021, , 321-344.		1