

Hassan Shokry Hassan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8479642/publications.pdf>

Version: 2024-02-01

47
papers

1,641
citations

218592

26
h-index

302012

39
g-index

47
all docs

47
docs citations

47
times ranked

1687
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of eggshell/N,N-dimethylformamide (DMF) mixing ratios on the sonochemical production of CaCO ₃ nanoparticles. Journal of Engineering and Applied Science, 2022, 69, .	0.8	3
2	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
3	Novel aspartic-based bio-MOF adsorbent for effective anionic dye decontamination from polluted water. RSC Advances, 2022, 12, 18363-18372.	1.7	9
4	Development of Nano-SnO ₂ and SnO ₂ :V ₂ O ₅ Thin Films for Selective Gas Sensor Devices. Arabian Journal for Science and Engineering, 2021, 46, 669-686.	1.7	1
5	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
6	An Enhanced Multi-Objective Particle Swarm Optimization in Water Distribution Systems Design. Water (Switzerland), 2021, 13, 1334.	1.2	8
7	Photocatalytic Degradation of Malachite Green Dye from Aqueous Solution Using Environmentally Compatible Ag/ZnO Polymeric Nanofibers. Polymers, 2021, 13, 2033.	2.0	37
8	Intelligent nanosensors (INS) for environmental applications. , 2021, , 321-344.		1
9	Bio-Zirconium Metal-Organic Framework Regenerable Bio-Beads for the Effective Removal of Organophosphates from Polluted Water. Polymers, 2021, 13, 3869.	2.0	17
10	Trimethoprim Antibiotic Adsorption from Aqueous Solution onto Eco-Friendly Zr-Metal Organic Framework Material. Materials, 2021, 14, 7545.	1.3	11
11	Ruthenium (Ru) doped zinc oxide nanostructure-based radio frequency identification (RFID) gas sensors for NH ₃ detection. Journal of Materials Research and Technology, 2020, 9, 15693-15704.	2.6	19
12	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
13	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
14	Bacterial nanocellulose from agro-industrial wastes: low-cost and enhanced production by Komagataeibacter saccharivorans MD1. Scientific Reports, 2020, 10, 3491.	1.6	143
15	Eco-friendly magnetic activated carbon nano-hybrid for facile oil spills separation. Scientific Reports, 2020, 10, 10265.	1.6	74
16	Impact of synthesized metal oxide nanomaterials on seedlings production of three Solanaceae crops. Heliyon, 2020, 6, e03188.	1.4	55
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Nano-architecture of highly sensitive SnO ₂ -based gas sensors for acetone and ammonia using molecular imprinting technique. Sensors and Actuators B: Chemical, 2019, 297, 126668.	4.0	60
21	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
22	Synthesis and Characterization of Stabilized Tetragonal Nano Zirconia by Precipitation Method. Journal of Nano Research, 2019, 56, 142-151.	0.8	9
23	Electrospun Polyvinyl Alcohol Nanofibers Containing Titanium Dioxide for Gas Sensor Applications. Arabian Journal for Science and Engineering, 2019, 44, 251-257.	1.7	22
24	Development of Nano- WO ₃ Doped with NiO for Wireless Gas Sensors. Arabian Journal for Science and Engineering, 2019, 44, 647-654.	1.7	13
25	Effect of replacement of selenium by indium on the thermal stability and crystallization kinetics of quaternary Se ₉₀ Zn ₅ Te ₅ In _x glassy alloys. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	7
26	Equilibrium and Kinetic Behaviors of Cationic Dye Decolorization Using Poly (AN-co-Py)/ZrO ₂ Novel Nanopolymeric Composites. Advances in Polymer Technology, 2018, 37, 740-752.	0.8	9
27	Microwave-Assisted Synthesis of Magnetic Hydroxyapatite for Removal of Heavy Metals from Groundwater. Chemical Engineering and Technology, 2018, 41, 553-562.	0.9	51
28	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
29	Novel Magnetic Zinc Oxide Nanotubes for Phenol Adsorption: Mechanism Modeling. Materials, 2017, 10, 1355.	1.3	31
30	Sorption Profile of Phosphorus Ions onto ZnO Nanorods Synthesized via Sonic Technique. Journal of Engineering (United States), 2016, 2016, 1-9.	0.5	29
31	Immobilization of Magnetic Nanoparticles onto Amine-Modified Nano-Silica Gel for Copper Ions Remediation. Materials, 2016, 9, 460.	1.3	41
32	Adsorption Profile of Basic Dye onto Novel Fabricated Carboxylated Functionalized Co-Polymer Nanofibers. Polymers, 2016, 8, 177.	2.0	48
33	Effect of superparamagnetic nanoparticles on the physicochemical properties of nano hydroxyapatite for groundwater treatment: adsorption mechanism of Fe(II) and Mn(II). RSC Advances, 2016, 6, 82244-82259.	1.7	72
34	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
35	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
36	Invention of Hollow Zirconium Tungsto-Vanadate at Nanotube Morphological Structure for Radionuclides and Heavy Metal Pollutants Decontamination from Aqueous Solutions. Nanoscale Research Letters, 2015, 10, 474.	3.1	34

#	ARTICLE	IF	CITATIONS
37	Construction of Zinc Oxide into Different Morphological Structures to Be Utilized as Antimicrobial Agent against Multidrug Resistant Bacteria. <i>Bioinorganic Chemistry and Applications</i> , 2015, 2015, 1-20.	1.8	54
38	Basic Violet Decolourization Using Alginate Immobilized Nanozirconium Tungstovanadate Matrix as Cation Exchanger. <i>Journal of Chemistry</i> , 2015, 2015, 1-10.	0.9	17
39	Development of polypyrrole coated copper nanowires for gas sensor application. <i>Sensing and Bio-Sensing Research</i> , 2015, 5, 50-54.	2.2	38
40	Effect of gamma irradiation on the FTIR of cement kiln dust bismuth borate glasses. <i>Journal of Non-Crystalline Solids</i> , 2015, 419, 110-117.	1.5	36
41	Formulation of Synthesized Zinc Oxide Nanopowder into Hybrid Beads for Dye Separation. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-14.	1.5	45
42	Synthesis, characterization and fabrication of gas sensor devices using ZnO and ZnO:In nanomaterials. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2014, 3, 216-221.	0.8	32
43	Fabrication and characterization of gas sensor micro-arrays. <i>Sensing and Bio-Sensing Research</i> , 2014, 1, 34-40.	2.2	26
44	Fabrication and analysis of new bismuth borate glasses containing cement kiln dust. <i>Journal of Non-Crystalline Solids</i> , 2014, 403, 47-52.	1.5	23
45	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.	3.1	44
46	Fabrication of ZnO and ZnO:Sb Nanoparticles for Gas Sensor Applications. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-8.	1.5	41
47	Upcycling of Polystyrene Waste Plastics to High Value Carbon by Thermal Decomposition. <i>Key Engineering Materials</i> , 0, 897, 103-108.	0.4	11