

Khuram Shahzad Ahmad

List of Publications by Year in descending order

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129
papers

2,062
citations

257101

24
h-index

344852

36
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131
all docs

131
docs citations

131
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable synthesis of organic framework-derived ZnO nanoparticles for fabrication of supercapacitor electrode. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 605-616.	1.2	24
2	Role of renewable energy and nanotechnology in sustainable desalination of water: mini review. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 7700-7719.	1.8	3
3	Multi-functional bio-sorbents triggered sustainable detoxification of eco-contaminants besmirched hydrospheric swatches. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3931-3946.	1.8	3
4	<i>Helianthus annuus</i> based biodiesel production from seed oil garnered from a phytoremediated terrain. <i>International Journal of Ambient Energy</i> , 2022, 43, 1763-1771.	1.4	12
5	Functionalization of Mn_2O_3 / PdO / ZnO electrocatalyst using organic template with accentuated electrochemical potential toward water splitting. <i>International Journal of Energy Research</i> , 2022, 46, 452-463.	2.2	11
6	Newfangled progressions in the charge transport layers impacting the stability and efficiency of perovskite solar cells. <i>Reviews in Inorganic Chemistry</i> , 2022, 42, 137-159.	1.8	8
7	Sustainable hydrothermal synthesis of cobalt-nickel nanomaterial for supercapacitor using green stabilizing agents. <i>International Journal of Energy Research</i> , 2022, 46, 4599-4608.	2.2	6
8	Functionalised graphene oxide-based nanofiltration membranes with enhanced molecular separation performance. <i>Materials Research Innovations</i> , 2022, 26, 373-381.	1.0	12
9	Dynamic green synthesis of iron oxide and manganese oxide nanoparticles and their cogent antimicrobial, environmental and electrical applications. <i>Reviews in Inorganic Chemistry</i> , 2022, 42, 239-263.	1.8	3
10	Phytogenic synthesis and enhanced photocatalytic properties of ZnO/Co_3O_4 junction: biomimetic water remediators. <i>Ionics</i> , 2022, 28, 1999.	1.2	2
11	Doped antimony chalcogenide semiconductor thin films fabrication by physical vapour deposition: elucidation of optoelectronic and electrochemical features. <i>Canadian Metallurgical Quarterly</i> , 2022, 61, 145-154.	0.4	16
12	Biomimetic ZrO_2 @ PdO nanocomposites: fabrication, characterization, and water splitting potential exploration. <i>International Journal of Energy Research</i> , 2022, 46, 8516-8526.	2.2	10
13	Electron beam deposited (Cu_2S/CdS) GO thin film as active electrode for supercapacitor and enhanced photocatalyst for water remediation. <i>International Journal of Energy Research</i> , 2022, 46, 9371-9388.	2.2	30
14	E-beam-deposited Zr_2NiS_4 - GO alloy thin film, a tenacious photocatalyst and efficient electrode for electrical devices. <i>Journal of Materials Science</i> , 2022, 57, 7290-7309.	1.7	25
15	Review elucidating graphene derivatives (GO/rGO) supported metal sulfides based hybrid nanocomposites for efficient photocatalytic dye degradation. <i>Reviews in Inorganic Chemistry</i> , 2022, 42, 337-354.	1.8	10
16	Fungal and bacterial assisted bioremediation of environmental toxicant (<i>N</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (â€¦2â€¦ genesis elucidating the eco-friendly strategy. <i>Journal of Basic Microbiology</i> , 2022, , .	1.8	2
17	Electrochemical trapping of meta-stable NiO consolidated ZnO/PdO by biomimetic provenance for the employment of clean energy generation. <i>Materials Science in Semiconductor Processing</i> , 2022, 150, 106867.	1.9	10
18	Interfacial engineering revolutionizers: perovskite nanocrystals and quantum dots accentuated performance enhancement in perovskite solar cells. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2021, 46, 251-279.	6.8	35

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19	Cr ₂ S ₃ (Et ₂ DTC) complex and [Cr ₂ S ₃ -MoS ₂ (Et ₂ DTC)] bilayer thin films: single source stationed fabrication, compositional, optical, microstructural and electrochemical investigation. Environmental Technology (United Kingdom), 2021, 42, 444-458.	1.2	6
20	Physical vapor deposition of SnS:PbS-dithiocarbamate chalcogenide semiconductor thin films: elucidation of optoelectronic and electrochemical features. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 36-46.	0.8	19
21	Modified sol-gel synthesis of Co ₃ O ₄ nanoparticles using organic template for electrochemical energy storage. Energy, 2021, 218, 119502.	4.5	36
22	Biomimetic [MoO ₃ @ZnO] semiconducting nanocomposites: Chemo-proportional fabrication, characterization and energy storage potential exploration. Renewable Energy, 2021, 167, 568-579.	4.3	39
23	Phyto-mediated semiconducting n-type electrode nanomaterial: structural, compositional, and supercapacitor investigations. Ionics, 2021, 27, 833-843.	1.2	4
24	Modified sol gel synthesis of MoO ₃ NPs using organic template: synthesis, characterization and electrochemical investigations. Journal of Sol-Gel Science and Technology, 2021, 97, 178-190.	1.1	12
25	Xenobiotic thien carbazole-methyl biotransformation investigation by bacteria Streptococcus pneumoniae, Escherichia coli and Streptococcus pyogenes. International Journal of Environmental Science and Technology, 2021, 18, 1753-1760.	1.8	3
26	Activated carbon processed from <i>Citrus sinensis</i> : Synthesis, characterization and application for adsorption-based separation of toxic pesticides from soils. Separation Science and Technology, 2021, 56, 2026-2035.	1.3	7
27	Biofertilizers™ functionality in organic agriculture entrenching sustainability and ecological protection. , 2021, , 211-219.		4
28	Phyto-inspired Cu/Bi oxide-based nanocomposites: synthesis, characterization, and energy relevant investigation. RSC Advances, 2021, 11, 30510-30519.	1.7	9
29	Identification and quantification of phyto-constituents of wild Moraceae-Ficus palmata Forssk and its implication as synthesizing fuel for biomimetic nanomaterials. Chemical Papers, 2021, 75, 2181-2190.	1.0	2
30	Lithosphere-stationed fate and eco-detoxification investigation of fungicidal agent Zoxamide possessing chlorinated benzamidic genesis. International Journal of Environmental Science and Technology, 2021, 18, 3127-3142.	1.8	2
31	Facile synthesis of ZnO@CoMoO ₄ nanocomposite using bio-organic fuel for energy storage application. Journal of Materials Science: Materials in Electronics, 2021, 32, 8460-8474.	1.1	5
32	Identification and implication of organic compounds of Viola odorata: a potential source for bio-fabrication of nickel oxide nanoparticles. Applied Nanoscience (Switzerland), 2021, 11, 1593-1603.	1.6	5
33	Recent developments in carbon nanotubes-based perovskite solar cells with boosted efficiency and stability. Zeitschrift Fur Physikalische Chemie, 2021, 235, 1539-1572.	1.4	18
34	Physical Vapor Deposited [Co: Cd-(dtc) ₂]/SnO ₂ Dual Semiconductor Systems: Synthesis, Characterization and Photo-Electrochemistry. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2579-2593.	1.9	11
35	Variogated Pedospheric Matrices Based Pyrzaole Fungicide Chemico-physical and Biological Degradation Elucidation. Soil and Sediment Contamination, 2021, 30, 998-1024.	1.1	2
36	Semi-conducting Ni/Zn nano-hybrids™ driven efficient electro-catalytic performance: fabrication, characterization, and electrochemical features™ elucidation. Green Chemistry Letters and Reviews, 2021, 14, 286-301.	2.1	18

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37	Molecular characterization of <i>Fusarium solani</i> and <i>Fusarium oxysporum</i> phyto-pathogens causing mango maturity malconformation. Archives of Phytopathology and Plant Protection, 2021, 54, 1372-1390.	0.6	6
38	Electrochemical energy storage by nanosized MoO ₃ /PdO material: Investigation of its structural, optical and electrochemical properties for supercapacitor. Journal of Energy Storage, 2021, 36, 102447.	3.9	10
39	Electro-catalyst [ZrO ₂ /ZnO/PdO]-NPs green functionalization: Fabrication, characterization and water splitting potential assessment. International Journal of Hydrogen Energy, 2021, 46, 19347-19362.	3.8	36
40	Synthesis of facile ZnO : NiO@PdO@Pd nanomaterial by organic fuel: Environmentally benign electrode material for energy storage. International Journal of Energy Research, 2021, 45, 16284-16293.	2.2	1
41	Environmental toxicant Zoxamide sorption, degradation and Punica granatum-based activated carbon-mediated removal from soils. Environmental Earth Sciences, 2021, 80, 1.	1.3	6
42	Analysis and quantification of naturally occurring aflatoxin B1 in dry fruits with subsequent physical and biological detoxification. Natural Product Research, 2021, , 1-5.	1.0	5
43	Preparation of Organo-Stabilized Mn ₃ O ₄ Nanostructures as an Electro-Catalyst for Clean Energy Generation. Journal of Electronic Materials, 2021, 50, 5150-5160.	1.0	5
44	Two-dimensional graphene oxide based membranes for ionic and molecular separation: Current status and challenges. Journal of Environmental Chemical Engineering, 2021, 9, 105605.	3.3	63
45	Facile ZnO-based nanomaterial and its fabrication as a supercapacitor electrode: synthesis, characterization and electrochemical studies. RSC Advances, 2021, 11, 23374-23384.	1.7	50
46	Systematic review elucidating the generations and classifications of solar cells contributing towards environmental sustainability integration. Reviews in Inorganic Chemistry, 2021, 41, 21-39.	1.8	20
47	Sustainability consolidation via employment of biomimetic ecomaterials with an accentuated photo-catalytic potential: emerging progressions. Reviews in Inorganic Chemistry, 2021, 41, 131-150.	1.8	9
48	Innovatory role of nanomaterials as bio-tools for treatment of cancer. Reviews in Inorganic Chemistry, 2021, 41, 61-75.	1.8	0
49	Mycotoxins in <i>Zea mays</i> , their quantification and HPLC analysis of physico-biological detoxification. Natural Product Research, 2021, , 1-5.	1.0	1
50	Chromatographic identification of green capping agents extracted from <i>Nasturtium officinale</i> (Brassicaceae) leaves for the synthesis of MoO ₃ nanoparticles. Journal of Separation Science, 2020, 43, 598-605.	1.3	31
51	Biomimetic detoxifier <i>Prunus cerasifera</i> Ehrh. silver nanoparticles: innate green bullets for morbidic pathogens and persistent pollutants. Environmental Science and Pollution Research, 2020, 27, 9669-9685.	2.7	29
52	Environmental contaminant 2-chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide remediation via <i>Xanthomonas axonopodis</i> and <i>Aspergillus niger</i> . Environmental Research, 2020, 182, 109117.	3.7	19
53	Developmental abnormality caused by <i>Fusarium mangiferae</i> in mango fruit explored via molecular characterization. Biologia (Poland), 2020, 75, 465-473.	0.8	6
54	Optical and structural properties of single source precursor based pure and Cu-doped antimony sulphide thin films by physical vapour deposition assisted technique. Chemical Physics, 2020, 539, 110979.	0.9	8

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55	Effective Remediation Strategy for Xenobiotic Zoxamide by Pure Bacterial Strains, <i>Escherichia coli</i> , <i>Streptococcus pyogenes</i> , and <i>Streptococcus pneumoniae</i> . <i>BioMed Research International</i> , 2020, 2020, 1-6.	0.9	5
56	Synthesis, characterization and electrochemical investigation of physical vapor deposited barium sulphide doped iron sulphide dithiocarbamate thin films. <i>Microelectronic Engineering</i> , 2020, 233, 111400.	1.1	39
57	Evaluation of electrochemical properties of organic template assisted PdO incorporated NiO for H ₂ /O ₂ evolution. <i>Microchemical Journal</i> , 2020, 158, 105282.	2.3	2
58	Herbicide thien carbazole-methyl pedospheric disposition through sorption and degradation mechanisms in heterogenous soils. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	9
59	Green synthesis of ZnO-Co ₃ O ₄ nanocomposite using facile foliar fuel and investigation of its electrochemical behaviour for supercapacitors. <i>New Journal of Chemistry</i> , 2020, 44, 18281-18292.	1.4	46
60	Bio Framework-Derived Facile MoO ₃ -NiO-PdO-Pd Nanomaterial for Detoxification of Organic Pollutants. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5591-5602.	3.3	5
61	Phyto-inspired and scalable approach for the synthesis of PdO-Mn ₂ O ₃ : a nano-material for application in water splitting electro-catalysis. <i>RSC Advances</i> , 2020, 10, 29961-29974.	1.7	15
62	Biotechnological tools based lithospheric management of toxic Pyrethroid pesticides: a critical evaluation. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-24.	1.8	1
63	Chemosynthesis and physical vapor deposition of acanthite thin films: Characterization and electrochemistry exploration. <i>Results in Physics</i> , 2020, 19, 103647.	2.0	15
64	Ecospheric Decontamination Attained via Green Nanobiotechnological NiO-Based Nanocatalyst Derived from Nature's Biofactories. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8357-8367.	3.3	7
65	Synthesis of binary metal oxide-doped Co ₃ O ₄ nanoparticles by organic template and investigation of its structural, optical and electrochemical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10323-10333.	1.1	6
66	Remedial potential of bacterial and fungal strains (<i>Bacillus subtilis</i> , <i>Aspergillus niger</i> , <i>Aspergillus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30. <i>Microbiologica</i> , 2020, 65, 801-810.	1.1	21
67	Evaluation of electrochemical properties for water splitting by NiO nano-cubes synthesized using <i>Olea ferruginea</i> Royle. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 40, 100753.	1.7	16
68	Efficient fungal and bacterial facilitated remediation of thien carbazole methyl in the environment. <i>Environmental Research</i> , 2020, 188, 109811.	3.7	9
69	Synthesis of palladium diethyldithiocarbamate complexes as precursor for the deposition of un-doped and copper sulfide doped thin films by a facile physical vapour deposition technique. <i>Optik</i> , 2020, 218, 165014.	1.4	21
70	Organic template-based ZnO embedded Mn ₃ O ₄ nanoparticles: synthesis and evaluation of their electrochemical properties towards clean energy generation. <i>RSC Advances</i> , 2020, 10, 9854-9867.	1.7	21
71	Lithospherically sorbed cyclodiene insecticide sustainable remediation via green adsorbent derived from <i>Arachis hypogaea</i> shells. <i>Chemistry and Ecology</i> , 2020, 36, 766-784.	0.6	0
72	Organic template-assisted green synthesis of CoMoO ₄ nanomaterials for the investigation of energy storage properties. <i>RSC Advances</i> , 2020, 10, 8115-8129.	1.7	52

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73	Effect of NiO on organic framework functionalized ZnO nanoparticles for energy storage application. <i>International Journal of Energy Research</i> , 2020, 44, 5259-5271.	2.2	29
74	Functionalization of MoO ₃ NiMoO ₄ nanocomposite using organic template for energy storage application. <i>Journal of Energy Storage</i> , 2020, 29, 101309.	3.9	38
75	Structural, optical and electrochemical studies of organo-templated wet synthesis of cubic shaped nickel oxide nanoparticles. <i>Optik</i> , 2020, 205, 164241.	1.4	26
76	Effects of bioactive compounds on the morphology and surface chemistry of MoO ₃ /ZnMoO ₄ nanocomposite for supercapacitor. <i>Journal of Materials Science</i> , 2020, 55, 7743-7759.	1.7	21
77	Congruously designed eco-curative integrated farming model designing and employment for sustainable encompassments. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19543-19560.	2.7	6
78	Green synthesis of doped Co ₃ O ₄ nanocatalysts using organic template for fast azo dye degradation from aqueous environment. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2898-2910.	1.6	9
79	Fungicide isopyrazam degradative response toward extrinsically added fungal and bacterial strains. <i>Journal of Basic Microbiology</i> , 2020, 60, 484-493.	1.8	6
80	Synthesis and analysis of ZnO@CoMoO ₄ incorporated organic compounds for efficient degradation of azo dye pollutants under dark ambient conditions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5733.	1.7	6
81	Assessment of methyl 2-({[(4,6-dimethoxypyrimidin-2-yl)carbamoyl] sulfamoyl)methyl)benzoate through biotic and abiotic degradation modes. <i>Open Chemistry</i> , 2020, 18, 314-324.	1.0	10
82	Adsorption and sugarcane-bagasse-derived activated carbon-based mitigation of 1-[2-(2-chloroethoxy)phenyl]sulfonyl-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl) urea-contaminated soils. <i>Open Chemistry</i> , 2020, 18, 1433-1443.	1.0	6
83	FUNGICIDAL METHYL-2-BENZIMIDAZOLE CARBAMATE ADSORPTION IN SOIL AND REMEDIATION VIA Prunus dulcis DERIVED ACTIVATED CARBON. , 2020, 36, .		1
84	Neoteric environmental detoxification of organic pollutants and pathogenic microbes via green synthesized ZnO nanoparticles. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3745-3761.	1.2	47
85	Bioelectrochemical systems: Sustainable bio-energy powerhouses. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111576.	5.3	92
86	Pedospheric environmental forensics aspects. , 2019, , 39-59.		2
87	Pedospheric adsorption-desorption of anti-moulting agent Chlorfluazuron and transfer in agriculturally significant Arcadian soils. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2019, 44, 1.	0.8	7
88	ç”~è”-â^¶ä1/2œæ’»æ€§ç,âž»é™æCE†â®šâœÿâ£ä,çš,,ç¡«ä,1âé™,,. <i>Journal of Central South University</i> , 2019, 26, 146-157.		12
89	In situ synthesis and deposition of un-doped and doped magnesium sulfide thin films by green technique. <i>Optik</i> , 2019, 182, 739-744.	1.4	12
90	Synthesis and characterization of transition metals doped CuO nanostructure and their application in hybrid bulk heterojunction solar cells. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	42

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91	Analysis of dopant concentration effect on optical and morphological properties of PVD coated Cu-doped Ni ₃ S ₂ thin films. <i>Optik</i> , 2019, 187, 152-163.	1.4	30
92	Mycological assisted phytoremediation enhancement of bioenergy crops <i>Zea mays</i> and <i>Helianthus annuus</i> in heavy metal contaminated lithospheric zone. <i>Soil and Sediment Contamination</i> , 2019, 28, 411-430.	1.1	18
93	Sustainable management of <i>Mangifera indica</i> pre- and post-harvest diseases mediated by botanical extracts via foliar and fruit application. <i>Journal of Plant Diseases and Protection</i> , 2019, 126, 367-372.	1.6	6
94	<i>Arachis hypogaea</i> derived activated carbon steered remediation of Benzimidazole based fungicide adsorbed soils. <i>Chemistry and Ecology</i> , 2019, 35, 576-591.	0.6	14
95	Synthesis and physiognomic study of copper sulfide doped cobalt sulfide. <i>Materials Research Express</i> , 2019, 6, 046408.	0.8	5
96	Carbendazole lithospheric adsorption, <i>Saccharum officinarum</i> -based remediation and microbial degradation in heterogeneously composed soils. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	6
97	Optical and morphological properties of environmentally benign Cu-Tin sulphide thin films grown by physical vapor deposition technique. <i>Materials Research Express</i> , 2019, 6, 036406.	0.8	10
98	Synergistic mycoflora natural farming mediated biofertilization and heavy metals decontamination of lithospheric compartment in a sustainable mode via <i>Helianthus annuus</i> . <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 6735-6752.	1.8	11
99	Adsorption Evaluation of Herbicide Iodosulfuron Followed by <i>Cedrus deodora</i> Sawdust-Derived Activated Carbon Removal. <i>Soil and Sediment Contamination</i> , 2019, 28, 65-80.	1.1	21
100	Foliar-mediated Ag:ZnO nanophotocatalysts: green synthesis, characterization, pollutants degradation, and in vitro biocidal activity. <i>Green Processing and Synthesis</i> , 2019, 8, 172-182.	1.3	30
101	<i>Arachis hypogaea</i> activated carbon-assisted removal of 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-ethylsulfonylpyridin-2-yl)sulfonylurea herbicide in agriculturally adsorbed soils. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 6247-6258.	1.8	6
102	Evaluating the fate of agrochemical through adsorption and desorption studies of chlorfluzuron in selected agricultural soils. <i>Journal of King Saud University - Science</i> , 2019, 31, 612-617.	1.6	5
103	Carpogenic ZnO nanoparticles: amplified nanophotocatalytic and antimicrobial action. <i>IET Nanobiotechnology</i> , 2019, 13, 150-159.	1.9	19
104	Adsorption of Rimsulfuron in selected soils and its removal via activated carbon. <i>Revue Roumaine De Chimie</i> , 2019, 64, 299-310.	0.4	3
105	Adsorption-Desorption Mechanism of Synthesized Benzimidazole Based Fungicide 2-(3-Pyridyl) on Selected Soil Minerals. <i>International Journal of Economic and Environment Geology</i> , 2019, 10, 38-44.	0.2	5
106	Sorptive Interactions of Fungicidal 2-(4'-Thiazolyl) Benzimidazole with Soils of Divergent Physicochemical Composition. <i>International Journal of Economic and Environment Geology</i> , 2019, 10, 97-104.	0.2	6
107	Sorptive Interactions of Fungicidal 2-(4'-Thiazolyl) Benzimidazole with Soils of Divergent Physicochemical Composition. <i>International Journal of Economic and Environment Geology</i> , 2019, 10, 97-104.	0.2	2
108	Adsorption-Desorption Mechanism of Synthesized Benzimidazole Based Fungicide 2-(3-Pyridyl) on Selected Soil Minerals. <i>International Journal of Economic and Environment Geology</i> , 2019, 10, 38-44.	0.2	1

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109	<i>Prunus cerasifera</i> Ehrh. fabricated ZnO nano falcates and its photocatalytic and dose dependent <i>in vitro</i> bio-activity. Open Chemistry, 2018, 16, 141-154.	1.0	38
110	Augmented photocatalytic, antibacterial and antifungal activity of prunosynthetic silver nanoparticles. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 127-137.	1.9	78
111	Exploring the potential of Juglans regia-derived activated carbon for the removal of adsorbed fungicide Ethaboxam from soils. Environmental Monitoring and Assessment, 2018, 190, 737.	1.3	13
112	Low-cost and environmental-friendly <i>Triticum aestivum</i>-derived biochar for improving plant growth and soil fertility. Communications in Soil Science and Plant Analysis, 2018, 49, 2814-2827.	0.6	12
113	Phytosynthetic Ag doped ZnO nanoparticles: Semiconducting green remediators. Open Chemistry, 2018, 16, 556-570.	1.0	92
114	Synthesis, characterization and PVD assisted thin film fabrication of the nano-structured bimetallic Ni3S2/MnS2 composite. Surfaces and Interfaces, 2018, 12, 190-195.	1.5	11
115	Sorption and Juglans regia-derived activated carbon-mediated removal of aniline-based herbicide Alachlor from contaminated soils. Environmental Earth Sciences, 2018, 77, 1.	1.3	21
116	Phytofunctionalized silver nanoparticles: green biomaterial for biomedical and environmental applications. Reviews in Inorganic Chemistry, 2018, 38, 127-149.	1.8	28
117	Evaluating the Adsorption Potential of Alachlor and Its Subsequent Removal from Soils via Activated Carbon. Soil and Sediment Contamination, 2018, 27, 249-266.	1.1	28
118	Sorption-Desorption Characteristics of Benzimidazole Based Fungicide Benomyl on Physicochemical Properties of Selected Pakistani Soils and their Minerals. Pakistan Journal of Scientific and Industrial Research Series B: Biological Sciences, 2018, 61, 59-67.	0.1	2
119	Surfactant and template free synthesis of porous ZnS nanoparticles. Materials Chemistry and Physics, 2017, 189, 28-34.	2.0	25
120	Optical and gas sensing properties of SnO2 nanowires grown by vaporâ€“liquidâ€“solid mechanism. Journal of Materials Science: Materials in Electronics, 2017, 28, 17993-18002.	1.1	5
121	Pedospheric sorption investigation of sulfonyl urea herbicide Triasulfuron via regression correlation analysis in selected soils. South African Journal of Chemistry, 2017, 70, .	0.3	9
122	Investigating the Impact of Soilsâ€™ Physicochemical Composition on Chlorsulfuron Pedospheric Sorption. Studia Universitatis Babeş-Bolyai Chemia, 2017, 62, 165-174.	0.1	8
123	Determining the adsorption and desorption behavior of thiabendazole fungicide for five different agricultural soils. Soil and Environment, 2017, , 13-19.	1.1	7
124	Green electrokinetic remediation of Thiabendazole adsorbed soils via mineralization. Journal of Agricultural Economics, 2017, , .	0.1	0
125	Chemical bath deposition of Fe-doped ZnS thin films: Investigations of their ferromagnetic and half-metallic properties. Materials Science in Semiconductor Processing, 2015, 39, 283-291.	1.9	55
126	Aerosol-assisted chemical vapor deposition of copper sulfide nanostructured thin film from newly synthesized single-source precursor. Turkish Journal of Chemistry, 2013, 37, 796-804.	0.5	7

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127	1-(Adamantan-1-ylcarbonyl)-3-(2,6-difluoro-4-hydroxyphenyl)thiourea. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1597-o1597.	0.2	5
128	Agrochemical 2-chloro-2',6'-diethyl-N-methoxymethylacetanilide transformative and sorptive demeanor in agriculturally significant pedospheric environs. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	1.8	12
129	Sorptive and degradative assessments of environmentally pestilential Benzimidazole fungicide Fuberidazole in pedosphere. International Journal of Environmental Analytical Chemistry, 0, , 1-18.	1.8	3