

Abdallah M Elgorban

List of Publications by Citations

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213
papers

2,604
citations

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h-index

41
g-index

230
ext. papers

3,837
ext. citations

4.3
avg, IF

6.03
L-index

#	Paper	IF	Citations
213	Apoptosis pathways in cancer and cancer therapy. <i>Cancer Immunology, Immunotherapy</i> , 2004 , 53, 153-9	7.4	363
212	Fungal diversity notes 491802: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2017 , 83, 1-261	17.6	134
211	The impact of arbuscular mycorrhizal fungi in mitigating salt-induced adverse effects in sweet basil (L.). <i>Saudi Journal of Biological Sciences</i> , 2017 , 24, 170-179	4	91
210	Green synthesis and characterization of gold nanoparticles using endophytic fungi and its in-vitro anticancer and biomedical applications. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 706-712	4	90
209	Antimicrobial activity and green synthesis of silver nanoparticles using <i>Trichoderma viride</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2016 , 30, 299-304	1.6	66
208	Review on biomass feedstocks, pyrolysis mechanism and physicochemical properties of biochar: State-of-the-art framework to speed up vision of circular bioeconomy. <i>Journal of Cleaner Production</i> , 2021 , 297, 126645	10.3	63
207	Fungal diversity notes 1151276: taxonomic and phylogenetic contributions on genera and species of fungal taxa. <i>Fungal Diversity</i> , 2020 , 100, 5-277	17.6	62
206	Sucrose regulated enhanced induction of anthraquinone, phenolics, flavonoids biosynthesis and activities of antioxidant enzymes in adventitious root suspension cultures of <i>Morinda citrifolia</i> (L.). <i>Acta Physiologiae Plantarum</i> , 2012 , 34, 405-415	2.6	62
205	Antifungal silver nanoparticles: synthesis, characterization and biological evaluation. <i>Biotechnology and Biotechnological Equipment</i> , 2016 , 30, 56-62	1.6	59
204	The ranking of fungi: a tribute to David L. Hawksworth on his 70th birthday. <i>Fungal Diversity</i> , 2017 , 84, 1-23	17.6	56
203	ACC deaminase and antioxidant enzymes producing halophilic sp. PR14 promotes the growth of rice and millets under salinity stress. <i>Physiology and Molecular Biology of Plants</i> , 2020 , 26, 1847-1854	2.8	55
202	Extracellular synthesis of silver nanoparticles using <i>Aspergillus versicolor</i> and evaluation of their activity on plant pathogenic fungi. <i>Mycosphere</i> , 2016 , 7, 844-852	10.9	41
201	Rapid colorimetric detection of mercury using silver nanoparticles in the presence of methionine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117712	4.4	32
200	Fungal diversity notes 1277386: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2020 , 104, 1-266	17.6	26
199	A magnetic nanoparticle functionalized reduced graphene oxide-based drug carrier system for a chemo-photodynamic cancer therapy. <i>New Journal of Chemistry</i> , 2020 , 44, 5265-5277	3.6	25
198	Natural solvent-assisted synthesis of amphiphilic co-polymeric nanomicelles for prolonged release of camptothecin delivery. <i>New Journal of Chemistry</i> , 2018 , 42, 10366-10375	3.6	25
197	Complete green synthesis of silver-nanoparticles applying seed-borne. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1333-1339	4	25

196	Process optimization of batch biosorption of lead using <i>Lactobacillus bulgaricus</i> in an aqueous phase system using response surface methodology. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 2047-55	4.4	24
195	Green synthesized zinc oxide nanoparticles regulates the apoptotic expression in bone cancer cells MG-63 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 202, 111644	6.7	24
194	Association of oxidative stress components with resistance to flax powdery mildew. <i>Tropical Plant Pathology</i> , 2012 , 37, 386-392	2.5	23
193	Length-weight relationships of nine fish species from the Tetulia River, southern Bangladesh. <i>Journal of Applied Ichthyology</i> , 2015 , 31, 967-969	0.9	22
192	Inoculation of <i>Klebsiella variicola</i> Alleviated Salt Stress and Improved Growth and Nutrients in Wheat and Maize. <i>Agronomy</i> , 2021 , 11, 927	3.6	22
191	A Mixture of Piper Leaves Extracts and Rhizobacteria for Sustainable Plant Growth Promotion and Bio-Control of Blast Pathogen of Organic Bali Rice. <i>Sustainability</i> , 2020 , 12, 8490	3.6	20
190	Chrysin-Loaded Chitosan Nanoparticles Potentiates Antibiofilm Activity against. <i>Pathogens</i> , 2020 , 9,	4.5	20
189	Co-inoculation of rhizobacteria promotes growth, yield, and nutrient contents in soybean and improves soil enzymes and nutrients under drought conditions. <i>Scientific Reports</i> , 2021 , 11, 22081	4.9	20
188	Construction of nano-heterojunction AgFeO ₂ /ZnO for boosted photocatalytic performance and its antibacterial applications. <i>Materials Science in Semiconductor Processing</i> , 2021 , 133, 105924	4.3	20
187	Biosynthesis of silver nanoparticles using and analysis of their antifungal activity. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 2123-2127	4	19
186	Integrating Ag ₂ WO ₄ on VS ₄ nanoplates with synergy of plasmonic photocatalysis and boosted visible-light harvesting and its antibacterial applications. <i>Journal of Alloys and Compounds</i> , 2021 , 865, 158810	5.7	18
185	Experimental assessment of performance, combustion and emission characteristics of diesel engine fuelled by combined non-edible blends with nanoparticles. <i>Fuel</i> , 2021 , 295, 120590	7.1	18
184	Heavy metals immobilization and improvement in maize (<i>Zea mays</i> L.) growth amended with biochar and compost. <i>Scientific Reports</i> , 2021 , 11, 18416	4.9	18
183	Two-Dimensional Copper Tungstate Nanosheets: Application toward the Electrochemical Detection of Mesalazine. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 18279-18287	8.3	17
182	Halotolerant Microbial Consortia for Sustainable Mitigation of Salinity Stress, Growth Promotion, and Mineral Uptake in Tomato Plants and Soil Nutrient Enrichment. <i>Sustainability</i> , 2021 , 13, 8369	3.6	17
181	Highly selective and effective environmental mercuric ion detection method based on starch modified Ag NPs in presence of glycine. <i>Optics Communications</i> , 2020 , 465, 125564	2	16
180	BI-LAYER HYBRID BIOCOMPOSITES: CHEMICAL RESISTANT AND PHYSICAL PROPERTIES. <i>BioResources</i> , 2012 , 7,	1.3	16
179	Antagonistic potentiality of <i>Trichoderma harzianum</i> towards seed-borne fungal pathogens of winter wheat cv. Protiva in vitro and in vivo. <i>Journal of Microbiology and Biotechnology</i> , 2012 , 22, 585-91	3.3	16

178	Fungicide-Tolerant Plant Growth-Promoting Rhizobacteria Mitigate Physiological Disruption of White Radish Caused by Fungicides Used in the Field Cultivation. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	16
177	A simple approach for the synthesis of bi-functional p-n type ZnO@CuFe ₂ O ₄ heterojunction nanocomposite for photocatalytic and antimicrobial application. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021 , 130, 114664	3	16
176	Natural products of sp., an endophytic fungus isolated from Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 1068-1077	4	16
175	Bioengineered silver nanoparticles using and its fungicidal activity against. <i>Saudi Journal of Biological Sciences</i> , 2017 , 24, 1522-1528	4	15
174	Characterization and anti- impact of nanoparticles synthesized by. <i>Saudi Journal of Biological Sciences</i> , 2017 , 24, 1243-1248	4	15
173	Arbuscular mycorrhizal fungi mitigates heavy metal toxicity adverse effects in sewage water contaminated soil on <i>Tagetes erecta</i> L. <i>Soil Science and Plant Nutrition</i> , 2018 , 64, 662-668	1.6	15
172	Silver nanoparticle probe for colorimetric detection of aminoglycoside antibiotics: picomolar-level sensitivity toward streptomycin in water, serum, and milk samples. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 874-884	4.3	15
171	UV-Vis spectroscopic method for the sensitive and selective detection of mercury by silver nanoparticles in presence of alanine. <i>Optik</i> , 2020 , 204, 164160	2.5	15
170	Colorimetric detection of mercury ions from environmental water sample by using 3-(Trimethoxysilyl)propyl methacrylate functionalized Ag NPs-tryptophan nanoconjugate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 207, 111888	6.7	14
169	Bioremediation of Explosive TNT by. <i>Molecules</i> , 2020 , 25,	4.8	14
168	Highly sensitive and selective colorimetric detection of arginine by polyvinylpyrrolidone functionalized silver nanoparticles. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112361	6	14
167	Preparation of plasmonic CoS/Ag ₂ WO ₄ nanocomposites: Efficient visible light driven photocatalysts and enhanced anti-microbial activity. <i>Colloids and Interface Science Communications</i> , 2021 , 42, 100415	5.4	14
166	Decoration of Ag ₂ WO ₄ on plate-like MnS for mitigating the charge recombination and tuned bandgap for enhanced white light photocatalysis and antibacterial applications. <i>Journal of Alloys and Compounds</i> , 2022 , 889, 161662	5.7	14
165	Development of predictive models for the growth of <i>Escherichia coli</i> O157:H7 on cabbage in Korea. <i>Journal of Food Science</i> , 2012 , 77, M257-63	3.4	13
164	Evaluating an effective electrocatalyst for the rapid determination of triptan drug (Maxalt [®]) from (mono and binary) transition metal (Co, Mn, CoMn, MnCo) oxides via electrochemical approaches. <i>New Journal of Chemistry</i> , 2020 , 44, 605-613	3.6	13
163	Enhanced antibacterial and visible light driven photocatalytic activity of CaFe ₂ O ₄ doped CdO heterojunction nanohybrid particles prepared by sono-chemical method. <i>Optical Materials</i> , 2021 , 113, 110595	3.3	13
162	Integrated control of white rot disease on beans caused by using Contans [®] and reduced fungicides application. <i>Saudi Journal of Biological Sciences</i> , 2017 , 24, 405-409	4	12
161	New saprobic marine fungi and a new combination. <i>Botanica Marina</i> , 2017 , 60,	1.8	12

160	Curcumin and Gymnema sylvestre extract loaded graphene oxide-polyhydroxybutyrate-sodium alginate composite for diabetic wound regeneration. <i>Reactive and Functional Polymers</i> , 2020 , 154, 104671	4.6	12
159	Low cost feedstock for the production of endoglucanase in solid state fermentation by <i>Trichoderma hamatum</i> NGL1 using response surface methodology and saccharification efficacy. <i>Journal of King Saud University - Science</i> , 2020 , 32, 1718-1724	3.6	12
158	In Vivo Assessment of a Hydroxyapatite/ECarrageenan-Maleic Anhydride-Casein/Doxorubicin Composite-Coated Titanium Bone Implant. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 1650-1662	5.5	11
157	Drought Tolerant sp./ Secretes Indole-3-acetic Acid and Other Biomolecules and Enhances the Biological Attributes of (<i>L.</i>) <i>R. Wilczek</i> in Water Deficit Conditions. <i>Biology</i> , 2021 , 10,	4.9	11
156	Antibacterial Activity of Biogenic Silver Nanoparticles Produced by <i>Aspergillus terreus</i> . <i>International Journal of Pharmacology</i> , 2015 , 11, 858-863	0.7	11
155	Facile synthesis of Ag/Cu-cellulose nanocomposite for detection, photocatalysis and anti-microbial applications. <i>Optik</i> , 2020 , 220, 165218	2.5	11
154	Preparation of Ag-cellulose nanocomposite for the selective detection and quantification of mercury at nanomolar level and the evaluation of its photocatalytic performance. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 911-919	7.9	11
153	Luteolin-Fabricated ZnO Nanostructures Showed PLK-1 Mediated Anti-Breast Cancer Activity. <i>Biomolecules</i> , 2021 , 11,	5.9	11
152	Efficient Double Suzuki Cross-Coupling Reactions of 2,5-Dibromo-3-hexylthiophene: Anti-Tumor, Haemolytic, Anti-Thrombolytic and Biofilm Inhibition Studies. <i>Molecules</i> , 2016 , 21,	4.8	11
151	Performance analysis of novel Bi6Cr2O15 coupled Co3O4 nano-heterostructure constructed by ultrasonic assisted method: Visible-light driven photocatalyst and antibacterial agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 622, 126671	5.1	11
150	Polyethylene glycol functionalised Ag NPs based optical probe for the selective and sensitive detection of Hg(II). <i>Journal of Molecular Liquids</i> , 2020 , 307, 112978	6	10
149	Marine fungi from Red Sea mangroves in Saudi Arabia with <i>Fulvocentrum rubrum</i> sp. nov. (Torpedosporales, Ascomycota). <i>Nova Hedwigia</i> , 2019 , 108, 365-377	1.3	10
148	The Effect of Various Capping Agents on Surface Modifications of CdO NPs and the Investigation of Photocatalytic Performance, Antibacterial and Anti-biofilm Activities. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 1865-1876	3.2	10
147	Silver nanoparticles synthesized by showed antifungal activity. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 1847-1852	4	10
146	Mesorhizobium ciceri as biological tool for improving physiological, biochemical and antioxidant state of <i>Cicer aritenum</i> (L.) under fungicide stress. <i>Scientific Reports</i> , 2021 , 11, 9655	4.9	10
145	Novel NiS/Ag2MoO4 heterostructure nanocomposite: Synthesis, characterization and superior antibacterial and enhanced photocatalytic activity. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021 , 133, 114767	3	10
144	Facile synthesis of MgS/Ag2MoO4 nanohybrid heterojunction: Outstanding visible light harvesting for boosted photocatalytic degradation of MB and its anti-microbial applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 627, 127097	5.1	10
143	Process optimization and characterization of pectin derived from underexploited pineapple peel biowaste as a value-added product. <i>Food Hydrocolloids</i> , 2022 , 123, 107141	10.6	10

142	Zinc oxide nanoparticles synthesized from Fraxinus rhynchophylla extract by green route method attenuates the chemical and heat induced neurogenic and inflammatory pain models in mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 202, 111668	6.7	9
141	Purification and kinetic behavior of glucose isomerase from RSU26. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1117-1123	4	9
140	Synthesis of biocompatible chitosan decorated silver nanoparticles biocomposites for enhanced antimicrobial and anticancer property. <i>Process Biochemistry</i> , 2020 , 99, 348-356	4.8	9
139	Citrate functionalized Ag NPs-polyethylene glycol nanocomposite for the sensitive and selective detection of mercury (II) ion, photocatalytic and antimicrobial applications. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020 , 124, 114335	3	9
138	Highly selective and sensitive tool for the detection of Hg(II) using 3-(Trimethoxysilyl) propyl methacrylate functionalized Ag-Ce nanocomposite from real water sample. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 242, 118738	4.4	9
137	An intensified approach for transesterification of biodiesel from Annona squamosa seed oil using ultrasound-assisted homogeneous catalysis reaction and its process optimization. <i>Fuel</i> , 2021 , 291, 120195 ¹	7.1	9
136	Length-Weight relationships of Dermogenys pusilla Kuhl & van Hasselt, 1823 (Zenarchopteridae) and Labeo bata (Hamilton, 1822) (Cyprinidae) from the Ganges River (NW Bangladesh). <i>Journal of Applied Ichthyology</i> , 2016 , 32, 744-746	0.9	9
135	Cadmium oxide nanoparticles: An attractive candidate for novel therapeutic approaches. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 585, 124017	5.1	9
134	Development of silver-polyvinylpyrrolidone nanocomposite for the selective and sensitive detection of sulfide from aqueous sample and its antimicrobial activity. <i>Materials Chemistry and Physics</i> , 2021 , 257, 123789	4.4	9
133	Differential responses of maize (Zea mays) at the physiological, biomolecular, and nutrient levels when cultivated in the presence of nano or bulk ZnO or CuO or Zn or Cu ions. <i>Journal of Hazardous Materials</i> , 2021 , 419, 126493	12.8	9
132	Tree bark scrape fungus: A potential source of laccase for application in bioremediation of non-textile dyes. <i>PLoS ONE</i> , 2020 , 15, e0229968	3.7	8
131	Effective Influence of Essential Oils and Microelements against Sclerotinia sclerotiorum. <i>International Journal of Pharmacology</i> , 2014 , 10, 275-281	0.7	8
130	A new genus Allodiatrype, five new species and a new host record of diatrypaceous fungi from palms (Arecaceae). <i>Mycosphere</i> , 2020 , 11, 239-268	10.9	8
129	Synthesis of novel heterostructured Fe ₂ /Ag ₂ MoO ₄ nanocomposite: Characterization, efficient antibacterial and enhanced visible light driven photocatalytic activity. <i>Surfaces and Interfaces</i> , 2021 , 23, 101003	4.1	8
128	Synthesis, biological activities and docking studies of novel 2,4-dihydroxybenzaldehyde based Schiff base. <i>Medicinal Chemistry Research</i> , 2016 , 25, 2860-2871	2.2	8
127	Rhizobacteria Inoculation and Caffeic Acid Alleviated Drought Stress in Lentil Plants. <i>Sustainability</i> , 2021 , 13, 9603	3.6	8
126	Spinel FeV ₂ O ₄ coupling on nanocube-like Bi ₂ O ₃ for high performance white light photocatalysis and antibacterial applications. <i>Journal of Alloys and Compounds</i> , 2021 , 887, 161432	5.7	8
125	Enhanced SPR signals based on methylenediphosphonic acid functionalized Ag NPs for the detection of Hg(II) in the presence of an antioxidant glutathione. <i>Journal of Molecular Liquids</i> , 2020 , 311, 113281	6	7

124	In vitro Antifungal Activity of Some Plant Essential Oils. <i>International Journal of Pharmacology</i> , 2014 , 11, 56-61	0.7	7
123	Natural products of <i>Nothophoma multilocularis</i> sp. nov. an endophyte of the medicinal plant <i>Rhazya stricta</i> . <i>Mycosphere</i> , 2017 , 8, 1185-1200	10.9	7
122	Investigation of Antifungal Properties of Synthetic Dimethyl-4-Bromo-1-(Substituted Benzoyl) Pyrrolo[1,2-a] Quinoline-2,3-Dicarboxylates Analogues: Molecular Docking Studies and Conceptual DFT-Based Chemical Reactivity Descriptors and Pharmacokinetics Evaluation. <i>Molecules</i> , 2021 , 26,	4.8	7
121	Efficacy of a novel bacteriocin isolated from <i>Lysinibacillus</i> sp. against <i>Bacillus pumilus</i> . <i>LWT - Food Science and Technology</i> , 2019 , 102, 260-267	5.4	7
120	Vincamine, a safe natural alkaloid, represents a novel anticancer agent. <i>Bioorganic Chemistry</i> , 2021 , 107, 104626	5.1	7
119	Heavy Metals Induced Modulations in Growth, Physiology, Cellular Viability, and Biofilm Formation of an Identified Bacterial Isolate. <i>ACS Omega</i> , 2021 , 6, 25076-25088	3.9	7
118	High performance MnO ₂ /Al ₂ O ₃ nanocomposite as white light photocatalyst and bactericidal agent: Insights on photoluminescence and intrinsic mechanism. <i>Optical Materials</i> , 2021 , 120, 111438	3.3	7
117	Construction of Ag ₂ WO ₄ decorated CoWO ₄ nano-heterojunction with recombination delay for enhanced visible light photocatalytic performance and its antibacterial applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 629, 127416	5.1	7
116	Vamsapriya yunnana, a new species of Vamsapriya (Xylariaceae, Xylariales) associated with bamboo from Yunnan, China. <i>Phytotaxa</i> , 2018 , 356, 61	0.7	6
115	A new species of <i>Colletotrichum</i> from <i>Sonchus</i> sp. in Italy. <i>Phytotaxa</i> , 2017 , 314, 55	0.7	6
114	Fruit Derived Potentially Bioactive Bioengineered Silver Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021 , 16, 7711-7726	7.3	6
113	Designing intimate porous Al ₂ O ₃ decorated 2D CdO nano-heterojunction as enhanced white light driven photocatalyst and antibacterial agent. <i>Journal of Alloys and Compounds</i> , 2021 , 162807	5.7	6
112	Biodegradation of PAHs by <i>Bacillus marsiflavi</i> , genome analysis and its plant growth promoting potential. <i>Environmental Pollution</i> , 2022 , 292, 118343	9.3	6
111	In vitro screening and in silico prediction of antifungal metabolites from rhizobacterium <i>Achromobacter kerstersii</i> JKP9. <i>Archives of Microbiology</i> , 2020 , 202, 2855-2864	3	6
110	Synthesis of CTAB functionalized MnS/PVP-Ag nanocomposite for Hg ²⁺ detection, photocatalysis and antibacterial application. <i>Optical Materials</i> , 2020 , 110, 110452	3.3	6
109	Biological characteristics and biomarkers of novel SARS-CoV-2 facilitated rapid development and implementation of diagnostic tools and surveillance measures. <i>Biosensors and Bioelectronics</i> , 2021 , 177, 112969	11.8	6
108	Two new species of <i>Kallichroma</i> (Bionectriaceae, Hypocreales) from Saudi Arabian mangroves. <i>Phytotaxa</i> , 2016 , 260, 66	0.7	6
107	Spectroscopic study of benzothiophene partitioning in sodium dodecyl sulfate and cetyl trimethyl ammonium bromide micellar media. <i>Journal of Surfactants and Detergents</i> , 2016 , 19, 1033-1041	1.9	6

106	Development of multifunctional Cu sensitized Ag-dextran nanocomposite for selective and sensitive detection of mercury from environmental sample and evaluation of its photocatalytic and anti-microbial applications. <i>Journal of Molecular Liquids</i> , 2021 , 321, 114742	6	6
105	Mercury removal from aqueous solution using petal-like MoS ₂ nanosheets. <i>Frontiers of Environmental Science and Engineering</i> , 2021 , 15, 1	5.8	6
104	New Insight into the Chemical Composition, Antimicrobial and Synergistic Effects of the Moroccan Endemic (Ball) Roussine Essential Oil in Combination with Conventional Antibiotics. <i>Molecules</i> , 2021 , 26,	4.8	6
103	Differential bioaccumulations and ecotoxicological impacts of metal-oxide nanoparticles, bulk materials, and metal-ions in cucumbers grown in sandy clay loam soil. <i>Environmental Pollution</i> , 2021 , 289, 117854	9.3	6
102	Visible light driven photocatalytic activity and efficient antibacterial activity of ZnFe ₂ O ₄ decorated CdO nanohybrid heterostructures synthesized by ultrasonic-assisted method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 628, 127307	5.1	6
101	Microplastics and trace metals in fish species of the Gulf of Mannar (Indian Ocean) and evaluation of human health. <i>Environmental Pollution</i> , 2021 , 291, 118089	9.3	6
100	Spectrophotometric Investigation of the Role of Organic Solvents in the Ionization of Azo Dyes Derived from Thienopyridine. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 1495-1499	2.8	5
99	Beijerinckia fluminensis BFC-33, a novel multi-stress-tolerant soil bacterium: Deciphering the stress amelioration, phytopathogenic inhibition and growth promotion in Triticum aestivum L. (wheat).. <i>Chemosphere</i> , 2022 , 295, 133843	8.4	5
98	Fabrication of intimately coupled CeO ₂ /ZnFe ₂ O ₄ nano-heterojunction for visible-light photocatalysis and bactericidal application. <i>Materials Chemistry and Physics</i> , 2022 , 279, 125759	4.4	5
97	Life-History Traits of the Endangered Carp Botia dario (Cyprinidae) from the Ganges River in Northwestern Bangladesh. <i>Pakistan Journal of Zoology</i> , 2017 , 49, 801-809	1.7	5
96	Selected 1,3-Benzodioxine-Containing Chalcones as Multipotent Oxidase and Acetylcholinesterase Inhibitors. <i>ChemMedChem</i> , 2020 , 15, 2257-2263	3.7	5
95	The potential of Allium sativum and Cannabis sativa extracts for anti-tick activities against Rhipicephalus (Boophilus) microplus. <i>Experimental and Applied Acarology</i> , 2020 , 82, 281-294	2.1	5
94	Biogenic Synthesis of NiO Nanoparticles Using Leaf Extract and Their Antidiabetic and Cytotoxic Effects. <i>Molecules</i> , 2021 , 26,	4.8	5
93	Synthesis of gallotannin capped iron oxide nanoparticles and their broad spectrum biological applications.. <i>RSC Advances</i> , 2021 , 11, 9880-9893	3.7	5
92	A novel SPR based Fe@Ag core-shell nanosphere entrapped on starch matrix an optical probe for sensing of mercury(II) ion: A nanomolar detection, wide pH range and real water sample application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 263, 120204	4.4	5
91	Evaluation of enhanced production of cellulose deconstructing enzyme using natural and alkali pretreated sugar cane bagasse under the influence of graphene oxide. <i>Bioresource Technology</i> , 2021 , 342, 126015	11	5
90	Co-fermentation of residual algal biomass and glucose under the influence of FeO nanoparticles to enhance biohydrogen production under dark mode. <i>Bioresource Technology</i> , 2021 , 342, 126034	11	5
89	Enhance production of fungal cellulase cocktail using cellulosic waste. <i>Environmental Technology and Innovation</i> , 2020 , 19, 100949	7	4

88	Phytochemical profiling, antioxidant and antibacterial efficacy of a native Himalayan Fern: (Makino) Nakai. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1961-1967	4	4
87	Neolinocarpon phayaoense sp. nov. (Linocarpaceae) from Thailand. <i>Phytotaxa</i> , 2018 , 362, 77	0.7	4
86	Khaleijomyces marinus gen. et sp. nov. (Juncigenaceae, Torpedosporales) a new lignicolous marine fungus from Saudi Arabia. <i>Phytotaxa</i> , 2018 , 340, 277	0.7	4
85	Biocontrol of Meloidogyne javanica on Tomato Plants by Hypocrea lixii (the Teleomorph of Trichoderma harzianum). <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1464-1469	1.6	4
84	Delonicicola siamense gen. & sp. nov. (Delonicicolaceae fam. nov., Delonicicolales ord. nov.), a Saprobic Species from Delonix regia Seed Pods. <i>Cryptogamie, Mycologie</i> , 2017 , 38, 321-340	1.4	4
83	Effect of CeO ₂ -ZnO Nanocomposite for Photocatalytic and Antibacterial Activities. <i>Crystals</i> , 2020 , 10, 817	2.3	4
82	Characterization of Species Associated with Mango Grey Leaf Spot Disease in Sinaloa, Mexico. <i>Pathogens</i> , 2020 , 9,	4.5	4
81	Antimicrobial and synergistic effect of Moroccan native essential oil for modulating of antibiotics resistance. <i>Natural Product Research</i> , 2021 , 35, 6078-6082	2.3	4
80	Biosorption of oxybenzene using biosorbent prepared by raw wastes of and comparative study by using commercially available activated carbon. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 3469-3476	4	4
79	Impacts of fertigation via surface and subsurface drip irrigation on growth rate, yield and flower quality of Zinnia elegans. <i>Bragantia</i> , 2016 , 75, 96-107	1.2	4
78	Length-weight and length-length relationships of five Mystus species from the Ganges and Rupsha rivers, Bangladesh. <i>Journal of Applied Ichthyology</i> , 2016 , 32, 994-997	0.9	4
77	Isolation, Characterization and In-Silico Study of Conotoxin Protein from Conus lorioisii and Its Anti-cancer Activity. <i>International Journal of Peptide Research and Therapeutics</i> , 2021 , 27, 385-395	2.1	4
76	Enhanced anti-methicillin-resistant Staphylococcus aureus activity of bacteriocin by encapsulation on silver nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 1	3.3	4
75	SPR based gold nano-probe as optical sensor for cysteine detection via plasmonic enhancement in the presence of Cr. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 265, 120356	4.4	4
74	Chemical Composition of Essential Oil and Its Potential Antioxidant and Antimicrobial Activities.. <i>Plants</i> , 2022 , 11,	4.5	4
73	Enhancing using glucose encapsulation, the efficacy of CdO NPs against multi-drug resistant Escherichia coli. <i>Microbial Pathogenesis</i> , 2018 , 119, 42-48	3.8	3
72	Amelioration of salinity stress in different basil (Ocimum basilicum L.) varieties by vesicular-arbuscular mycorrhizal fungi. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016 , 66, 583-592	1.1	3
71	Additions to Karst Fungi 3: Prosthemium sinense sp nov., from Guizhou Province, China. <i>Phytotaxa</i> , 2016 , 284, 281	0.7	3

70	Designing Z-scheme AgIO nanorod embedded with BiS nanoflakes for expeditious visible light photodegradation of Congo red and rhodamine B.. <i>Chemosphere</i> , 2022 , 133755	8.4	3
69	Potentially Bioactive Fungus Mediated Silver Nanoparticles.. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
68	A New Hysteriform Dothideomycete (Gloniaceae, PleosporomycetidaeIncertae sedis),Purpurepithecium murisporumgen. et sp. nov. on Pine Cone Scales. <i>Cryptogamie, Mycologie</i> , 2017 , 38, 241-251	1.4	3
67	Synthesis, Computational Pharmacokinetics Report, Conceptual DFT-Based Calculations and Anti-Acetylcholinesterase Activity of Hydroxyapatite Nanoparticles Derived From Plant Extract. <i>Frontiers in Chemistry</i> , 2021 , 9, 741037	5	3
66	Looking into dental pulp stem cells in the therapy of photoreceptors and retinal degenerative disorders. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 203, 111727	6.7	3
65	Hydrogen Peroxide-Assisted Hydrothermal Synthesis of BiFeO ₃ Microspheres and Their Dielectric Behavior. <i>Magnetochemistry</i> , 2020 , 6, 42	3.1	3
64	A potent multifunctional MnS/Ag-polyvinylpyrrolidone nanocomposite for enhanced detection of Hg from aqueous samples and its photocatalytic and antibacterial applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 244, 118844	4.4	3
63	Coupling of nano-spinel MgFe ₂ O ₄ on Co ₃ O ₄ for heterogeneous photocatalysis and antibacterial applications: Insights of optoelectrical properties. <i>Colloids and Interface Science Communications</i> , 2021 , 44, 100467	5.4	3
62	Integrating plasmonic effect and nano-heterojunction formation for boosted light harvesting and photocatalytic performance using CaWO ₄ /Ag ₂ MoO ₄ and its antibacterial applications. <i>Materials Science in Semiconductor Processing</i> , 2021 , 133, 105921	4.3	3
61	Visible-light sensitization and recombination delay through coupling CaFe ₂ O ₄ on Bi ₂ O ₃ nanocomposite for high performance photocatalytic and antibacterial applications. <i>Surfaces and Interfaces</i> , 2021 , 26, 101336	4.1	3
60	Designing spinel CoFe ₂ O ₄ loaded sheet-like Bi ₂ O ₃ nano-heterostructure for synergetic white-light photocatalysis with recombination delay and antibacterial applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 629, 127449	5.1	3
59	Lignocellulosic composition based thermal kinetic study of Mangifera indica Lam, Artocarpus Heterophyllus Lam and Syzygium Jambolana seeds. <i>Bioresource Technology</i> , 2021 , 341, 125891	11	3
58	Biogenic enabled in-vitro synthesis of nickel cobaltite nanoparticle and its application in single stage hybrid biohydrogen production. <i>Bioresource Technology</i> , 2021 , 342, 126006	11	3
57	Biological synthesis of Ag ₂ S composite nanoparticles using the fungus Humicola sp. and its biomedical applications. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102770	4.5	3
56	Quinoline based thiosemicarbazones as colorimetric chemosensors for fluoride and cyanide ions and DFT studies.. <i>Scientific Reports</i> , 2022 , 12, 4927	4.9	3
55	Isolation and characterization of plant growth promoting rhizobacteria and their biocontrol efficacy against phytopathogens of tomato (Solanum lycopersicum L.). <i>Plant Biosystems</i> , 2020 , 1-7	1.6	2
54	Tumoricidal Potential of Novel Amino-1,10-phenanthroline Derived Imine Ligands: Chemical Preparation, Structure, and Biological Investigations. <i>Molecules</i> , 2020 , 25,	4.8	2
53	A new species of Trichoglossum (Geoglossales, Ascomycota) from Thailand. <i>Phytotaxa</i> , 2017 , 316, 161	0.7	2

52	The toxicity analysis of PVP, PVA and PEG surface functionalized ZnO nanoparticles on embryonic as well as adult <i>Danio rerio</i> . <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 824	3.1	2
51	Inhibitory Influence of Plant Extracts on Soil Borne Fungi Infecting Muskmelon (<i>Cucumis melo</i> L.). <i>International Journal of Pharmacology</i> , 2014 , 10, 322-327	0.7	2
50	In vitro Susceptibility of Clinical <i>Aspergillus</i> Species to Some Antifungal Agents. <i>International Journal of Pharmacology</i> , 2015 , 11, 496-501	0.7	2
49	Bioremediation characteristics, influencing factors of dichlorodiphenyltrichloroethane (DDT) removal by using non-indigenous <i>Paracoccus</i> sp. <i>Chemosphere</i> , 2021 , 270, 129474	8.4	2
48	Potency of plant extracts against <i>Penicillium</i> species isolated from different seeds and fruits in Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 3294-3302	4	2
47	Assessment of Chemopreventive Potential of the Plant Extracts against Liver Cancer Using HepG2 Cell Line. <i>Molecules</i> , 2021 , 26,	4.8	2
46	New host and distributional records for <i>Camarosporidiella</i> in Italy, Russia, and Ukraine. <i>Mycotaxon</i> , 2021 , 136, 451-489	0.5	2
45	Titanium Dioxide Nanoparticles Induce Inhibitory Effects against Planktonic Cells and Biofilms of Human Oral Cavity Isolates of , sp. and. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
44	Naphthyridine derived colorimetric and fluorescent turn off sensors for Ni in aqueous media. <i>Scientific Reports</i> , 2021 , 11, 19242	4.9	2
43	Photocatalytic degradation of methyl orange by cadmium oxide nanoparticles synthesized by the sol-gel method. <i>Optik</i> , 2021 , 251, 168401	2.5	1
42	Graphene oxide mediated enhanced cellulase production using pomegranate waste following co-cultured condition with improved pH and thermal stability. <i>Fuel</i> , 2022 , 312, 122807	7.1	1
41	Potential antileptospiral constituents from <i>Phyllanthus amarus</i> . <i>Pharmacognosy Magazine</i> , 2020 , 16, 371	0.8	1
40	Sulfonated PVdF-HFP/shuttle-like SrBaWO ₄ nanocomposite membranes for the evolution of high performance and durable DMFCs. <i>Solid State Ionics</i> , 2021 , 372, 115776	3.3	1
39	f.a., sp. nov. from Syhat mangrove, Saudi Arabia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 977-981	2.2	1
38	<i>Pleurotheciella nilotica</i> sp. nov. (Pleurotheciales, Ascomycota) from freshwater habitats in Egypt. <i>Nova Hedwigia</i> , 2020 , 110, 91-98	1.3	1
37	Cholesterol Reduction and Vitamin B12 Production Study on <i>Enterococcus faecium</i> and <i>Lactobacillus pentosus</i> Isolated from Yoghurt. <i>Sustainability</i> , 2021 , 13, 5853	3.6	1
36	Nano-decolorization of methylene blue by iron nanoparticles: an eco-friendly synthesis and its antimicrobial, phytotoxicity study. <i>Applied Nanoscience (Switzerland)</i> , 2021 , 1-11	3.3	1
35	Fatty acid production of thraustochytrids from Saudi Arabian mangroves. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 855-864	4	1

34	Three Novel Entomopathogenic Fungi From China and Thailand. <i>Frontiers in Microbiology</i> , 2020 , 11, 608997	1	1
33	Stemphylium Leaf Blight of Welsh Onion (): An Emerging Disease in Sanxing, Taiwan. <i>Plant Disease</i> , 2021 , PDIS11202329RE	1.5	1
32	Investigation of Pharmaceutical Importance of 2H-Pyran-2-One Analogues via Computational Approaches. <i>Symmetry</i> , 2021 , 13, 1619	2.7	1
31	Studies on Zero-cost algae based phytoremediation of dye and heavy metal from simulated wastewater. <i>Bioresource Technology</i> , 2021 , 342, 125971	11	1
30	Development of Ag decorated Au core-shell nanospheres for the detection of Cr(III) from environmental sample. <i>Optical Materials</i> , 2021 , 120, 111409	3.3	1
29	Performance analysis of novel La6WO12/Ag2WO4 nano-system for efficient visible-light photocatalysis and antimicrobial activity. <i>Journal of Alloys and Compounds</i> , 2021 , 879, 160075	5.7	1
28	Green synthesis of Cu/Fe3O4nanocomposite using Calendula extract and evaluation of its catalytic activity for chemoselective oxidation of sulfides to sulfoxides with aqueous hydrogen peroxide. <i>Journal of Organometallic Chemistry</i> , 2021 , 954-955, 122077	2.3	1
27	Ag decorated CrS NPs embedded on PVP matrix: A colorimetric probe for selective and rapid detection of sulphide ions from environmental samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 264, 120253	4.4	1
26	Genotoxic assay of silver and zinc oxide nanoparticles synthesized by leaf extract of Garcinia livingstonei T. Anderson: A comparative study. <i>Pharmacognosy Magazine</i> , 2021 , 17, 114	0.8	1
25	Understanding the phytotoxic impact of Al, nano-size, and bulk AlO on growth and physiology of maize (Zea mays L.) in aqueous and soil media.. <i>Chemosphere</i> , 2022 , 134555	8.4	1
24	Hydrogel assisted synthesis of gold nanoparticles with enhanced microbicidal and in vivo wound healing potential.. <i>Scientific Reports</i> , 2022 , 12, 6575	4.9	1
23	High-throughput amplicon sequencing of fungi and microbial eukaryotes associated with the seagrass Halophila stipulacea (Forssk.) Asch. from Al-Leith mangroves, Saudi Arabia. <i>Mycological Progress</i> , 2021 , 20, 1365-1381	1.9	0
22	In vitro antimicrobial and synergistic effect of essential oil from the red macroalgae Centroceras clavulatum (C. Agardh) Montagne with conventional antibiotics. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021 , 11, 414	1.4	0
21	Chemical composition and synergistic effect of three Moroccan lavender EOs with ciprofloxacin against foodborne bacteria: a promising approach to modulate antimicrobial resistance. <i>Letters in Applied Microbiology</i> , 2021 , 72, 698-705	2.9	0
20	Morphological and phylogenetic appraisal of Ophioceras (Ophioceraeae, Magnaporthales). <i>PLoS ONE</i> , 2021 , 16, e0253853	3.7	0
19	A systematic review and -analysis on the prevalence of infectious diseases of Duck: A world perspective. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 5131-5144	4	0
18	The Synergistic Action of Three Piper Plant Extracts and Biofertilizer for Growth Promotion and Biocontrol of Blast Disease in Red Rice. <i>Sustainability</i> , 2021 , 13, 10412	3.6	0
17	Improved visible-light driven photocatalysis of a novel heterostructure by the decoration of CuS on Ag2MoO4 nanorod: Synthesis, characterization, elucidation of photocatalytic mechanism and anti-microbial application. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 628, 127371	5.1	0

16	High performance nanohybrid CeO ₂ @2D CdO plates with suppressed charge recombination: Insights of photoluminescence, visible-light photocatalysis, intrinsic mechanism and antibacterial activity. <i>Optical Materials</i> , 2021 , 121, 111510	3.3	0
15	Diversity and Biosynthetic Activities of Agarwood Associated Fungi. <i>Diversity</i> , 2022 , 14, 211	2.5	0
14	Using Culture-Dependent and Molecular Techniques to Identify Endophytic Fungi Associated with Tea Leaves (<i>Camellia</i> spp.) in Yunnan Province, China. <i>Diversity</i> , 2022 , 14, 287	2.5	0
13	<i>Brunneosporopsis yunnanensis</i> gen. et sp. nov. and <i>Alloccryptovalsa xishuangbanica</i> sp. nov., New Terrestrial Sordariomycetes from Southwest China. <i>Life</i> , 2022 , 12, 635	3	0
12	Management of Green Mold Disease in White Button Mushroom (<i>Agaricus bisporus</i>) and Its Yield Improvement. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8, 554	5.6	0
11	<i>Lembosia mimusopis</i> sp. nov. from Thailand. <i>Mycotaxon</i> , 2021 , 136, 635-644	0.5	
10	Cu Nanoparticles Anchored over Chitosan-Alginate Modified Magnetic Nanoparticles to Explore the C-N Heterocoupling Reactions. <i>Polycyclic Aromatic Compounds</i> , 1-13	1.3	
9	Fucoxanthin modulates the development of 7, 12-dimethyl benz (a) anthracene-induced skin carcinogenesis in swiss albino mice in vivo. <i>Pharmacognosy Magazine</i> , 2020 , 16, 681	0.8	
8	In silico screening and validation of KPHS_00890 protein of <i>Klebsiella pneumoniae</i> proteome: An application to bacterial resistance and pathogenesis. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101537	3.6	
7	Double Coating as a Novel Technology for Controlling Urea Dissolution in Soil: A Step toward Improving the Sustainability of Nitrogen Fertilization Approaches. <i>Sustainability</i> , 2021 , 13, 10707	3.6	
6	Cu Nanoparticles Anchored over Chitosan-Alginate Modified Magnetic Nanoparticles to Explore the C-N Heterocoupling Reactions. <i>Polycyclic Aromatic Compounds</i> , 1-12	1.3	
5	AR independent anticancer potential of enza against prostate cancer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 642, 128598	5.1	
4	Tree bark scrape fungus: A potential source of laccase for application in bioremediation of non-textile dyes 2020 , 15, e0229968		
3	Tree bark scrape fungus: A potential source of laccase for application in bioremediation of non-textile dyes 2020 , 15, e0229968		
2	Tree bark scrape fungus: A potential source of laccase for application in bioremediation of non-textile dyes 2020 , 15, e0229968		
1	Tree bark scrape fungus: A potential source of laccase for application in bioremediation of non-textile dyes 2020 , 15, e0229968		