

# Elsayed Fathi Abd\_Allah

## List of Publications by Year in descending order

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Version: 2024-02-01

292  
papers

14,498  
citations

22153

59  
h-index

28297

105  
g-index

314  
all docs

314  
docs citations

314  
times ranked

12586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal studies of biomass obtained from the seeds of <i>Syzygium cumini</i> and <i>Cassia fistula</i> L. and peel of <i>Cassia fistula</i> L. fruit. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 7601-7612.	4.6	8
2	Investigation on hexavalent chromium removal from simulated wastewater using royal poinciana pods-derived bioadsorbent. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 13369-13380.	4.6	2
3	Integrated process approach for degradation of p-cresol pollutant under photocatalytic reactor using activated carbon/TiO <sub>2</sub> nanocomposite: application in wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61811-61820.	5.3	8
4	Sustainable removal of arsenic from simulated wastewater using solid waste seed pods biosorbents of <i>Cassia fistula</i> L. <i>Chemosphere</i> , 2022, 287, 132308.	8.2	19
5	The use of rhizobium and mycorrhizae in soil containing rhizobiophage to improve growth and nodulation of cowpea. <i>Scientia Agricola</i> , 2022, 79, .	1.2	2
6	Impact of Human Settlements on Diversity of Range Vegetation. <i>Sustainability</i> , 2022, 14, 519.	3.2	5
7	Species Diversity, Growing Stock Variables and Carbon Mitigation Potential in the Phytocoenosis of <i>Monothecha buxifolia</i> Forests along Altitudinal Gradient across Pakistan. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1292.	2.5	14
8	Isolation and Characterization of Endophytes Bacterial Strains of <i>Momordica charantia</i> L. and Their Possible Approach in Stress Management. <i>Microorganisms</i> , 2022, 10, 290.	3.6	17
9	Mycorrhiza improves plant growth and photosynthetic characteristics of tea plants in response to drought stress. <i>Biocell</i> , 2022, 46, 1339-1346.	0.7	6
10	Emerging frontiers in microbe-mediated pesticide remediation: Unveiling role of omics and In silico approaches in engineered environment. <i>Environmental Pollution</i> , 2022, 299, 118851.	7.5	30
11	Mycorrhiza improves cold tolerance of Satsuma orange by inducing antioxidant enzyme gene expression. <i>Biocell</i> , 2022, 46, 1959-1966.	0.7	6
12	Arbuscular Mycorrhizal Fungi Isolated from Highly Saline "Sabkha Habitat" Soil Alleviated the NaCl-Induced Stress and Improved <i>Lasiurus scindicus</i> Henr. Growth. <i>Agriculture (Switzerland)</i> , 2022, 12, 337.	3.1	10
13	Environmental variables drive plant species composition and distribution in the moist temperate forests of Northwestern Himalaya, Pakistan. <i>PLoS ONE</i> , 2022, 17, e0260687.	2.5	23
14	Physiological and Biochemical Responses of Bicarbonate Supplementation on Biomass and Lipid Content of Green Algae <i>Scenedesmus</i> sp. BHU1 Isolated From Wastewater for Renewable Biofuel Feedstock. <i>Frontiers in Microbiology</i> , 2022, 13, 839800.	3.5	16
15	A Cross-Cultural Analysis of Plant Resources among Five Ethnic Groups in the Western Himalayan Region of Jammu and Kashmir. <i>Biology</i> , 2022, 11, 491.	2.8	15
16	Ameliorations in dyslipidemia and atherosclerotic plaque by the inhibition of HMG-CoA reductase and antioxidant potential of phytoconstituents of an aqueous seed extract of <i>Acacia senegal</i> (L.) Willd in rabbits. <i>PLoS ONE</i> , 2022, 17, e0264646.	2.5	6
17	Root Endophytic Fungi Regulate Changes in Sugar and Medicinal Compositions of <i>Polygonum cuspidatum</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 818909.	3.6	15
18	Ethnoveterinary Practices of Medicinal Plants Among Tribes of Tribal District of North Waziristan, Khyber Pakhtunkhwa, Pakistan. <i>Frontiers in Veterinary Science</i> , 2022, 9, 815294.	2.2	8

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19	Arbuscular Mycorrhizal Fungi and Endophytic Fungi Activate Leaf Antioxidant Defense System of Late Navel Orange. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 282.	3.5	17
20	Carbon sequestration potential of reserve forests present in the protected Margalla Hills National Park. <i>Journal of King Saud University - Science</i> , 2022, 34, 101978.	3.5	16
21	Bioagent consortia assisted suppression in grey blight disease with enhanced leaf nutrients and biochemical properties of tea ( <i>Camellia sinensis</i> ). <i>Biological Control</i> , 2022, 170, 104907.	3.0	4
22	Classification and Characterization of the Manoor Valley's (Lesser Himalaya) Vegetation from the Subtropical-Temperate Ecotonal Forests to the Alpine Pastures along Ecological Variables. <i>Plants</i> , 2022, 11, 87.	3.5	4
23	Taxonomical and functional bacterial community profiling in disease-resistant and disease-susceptible soybean cultivars. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 1355-1370.	2.0	10
24	Endophytic Fungi Accelerate Leaf Physiological Activity and Resveratrol Accumulation in <i>Polygonum cuspidatum</i> by Up-Regulating Expression of Associated Genes. <i>Agronomy</i> , 2022, 12, 1220.	3.0	11
25	Metagenomic analysis displays the potential predictive biodegradation pathways of the persistent pesticides in agricultural soil with a long record of pesticide usage. <i>Microbiological Research</i> , 2022, 261, 127081.	5.3	22
26	Process optimization of cypermethrin biodegradation by regression analysis and parametric modeling along with biochemical degradation pathway. <i>Environmental Science and Pollution Research</i> , 2022, 29, 77418-77427.	5.3	8
27	Effect of Salinity and Temperature on the Seed Germination and Seedling Growth of Desert Forage Grass <i>Lasiurus scindicus</i> Henr.. <i>Sustainability</i> , 2022, 14, 8387.	3.2	10
28	Algal-based biofuel generation through flue gas and wastewater utilization: a sustainable prospective approach. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1419-1442.	4.6	26
29	COVID-19 – Important considerations for developing and using a vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 414-415.	3.3	3
30	Quercetin mitigates the deoxynivalenol mycotoxin induced apoptosis in SH-SY5Y cells by modulating the oxidative stress mediators. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 465-477.	3.8	20
31	Effect of nanocellulose on mechanical and barrier properties of PVA-banana pseudostem fiber composite films. <i>Environmental Technology and Innovation</i> , 2021, 21, 101312.	6.1	36
32	Efficacy of red light for enhanced cell disruption and fluorescence intensity of phycocyanin. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 141-150.	3.4	11
33	Contamination of groundwater resources by pesticides. , 2021, , 99-107.		3
34	Identification of PtGai (a DELLA protein) in trifoliate orange and expression patterns in response to drought stress. <i>Biocell</i> , 2021, 45, 1687-1694.	0.7	3
35	Diversity of traditionally used polyherbal medicines. <i>Pakistan Journal of Botany</i> , 2021, 53, .	0.5	3
36	Nanoparticle-based amelioration of drought stress and cadmium toxicity in rice via triggering the stress responsive genetic mechanisms and nutrient acquisition. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111829.	6.0	98

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37	Karyomorphological effects of two new oil formulations on <i>Helicoverpa armigera</i> (HÃ¼bner) (Lepidoptera: Noctuidae). <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1514-1518.	3.8	2
38	The Effectiveness of Protected Areas in Conserving Globally Threatened Western Tragopan <i>Tragopan melanocephalus</i> . <i>Animals</i> , 2021, 11, 680.	2.3	1
39	Diversity of Medicinal Plants among Different Tree Canopies. <i>Sustainability</i> , 2021, 13, 2640.	3.2	5
40	Plant Defense Responses to Biotic Stress and Its Interplay With Fluctuating Dark/Light Conditions. <i>Frontiers in Plant Science</i> , 2021, 12, 631810.	3.6	109
41	Virtual 2-D map of the fungal proteome. <i>Scientific Reports</i> , 2021, 11, 6676.	3.3	8
42	Improvements in HOMA indices and pancreatic endocrinal tissues in type 2-diabetic rats by DPP-4 inhibition and antioxidant potential of an ethanol fruit extract of <i>Withania</i> <i>coagulans</i> . <i>Nutrition and Metabolism</i> , 2021, 18, 43.	3.0	8
43	Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> )-Supported SiO <sub>2</sub> Magnetic Nanocomposites for Efficient Adsorption of Fluoride from Drinking Water: Synthesis, Characterization, and Adsorption Isotherm Analysis. <i>Water (Switzerland)</i> , 2021, 13, 1514.	2.7	17
44	Mycorrhizal Fungal Diversity and Its Relationship with Soil Properties in <i>Camellia oleifera</i> . <i>Agriculture (Switzerland)</i> , 2021, 11, 470.	3.1	15
45	Promotion of Growth and Physiological Characteristics in Water-Stressed <i>Triticum aestivum</i> in Relation to Foliar-Application of Salicylic Acid. <i>Water (Switzerland)</i> , 2021, 13, 1316.	2.7	17
46	Biohydrogen production using kitchen waste as the potential substrate: A sustainable approach. <i>Chemosphere</i> , 2021, 271, 129537.	8.2	48
47	Optimization of protease production from <i>Bacillus halodurans</i> under solid state fermentation using agrowastes. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4263-4269.	3.8	19
48	Biomedical and therapeutic potential of exopolysaccharides by <i>Lactobacillus paracasei</i> isolated from sauerkraut: Screening and characterization. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2943-2950.	3.8	16
49	A Comprehensive Appraisal of the Wild Food Plants and Food System of Tribal Cultures in the Hindu Kush Mountain Range; a Way Forward for Balancing Human Nutrition and Food Security. <i>Sustainability</i> , 2021, 13, 5258.	3.2	35
50	Tapping Into Actinobacterial Genomes for Natural Product Discovery. <i>Frontiers in Microbiology</i> , 2021, 12, 655620.	3.5	12
51	<i>Nigella sativa</i> callus treated with sodium azide exhibit augmented antioxidant activity and DNA damage inhibition. <i>Scientific Reports</i> , 2021, 11, 13954.	3.3	11
52	Seed Priming with Brassinosteroids Alleviates Chromium Stress in Rice Cultivars via Improving ROS Metabolism and Antioxidant Defense Response at Biochemical and Molecular Levels. <i>Antioxidants</i> , 2021, 10, 1089.	5.1	42
53	Antimicrobial screening of polyherbal formulations traditionally used against gastrointestinal diseases. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6829-6843.	3.8	4
54	Java plum and amaltash seed biomass based bio-adsorbents for synthetic wastewater treatment. <i>Environmental Pollution</i> , 2021, 280, 116890.	7.5	30

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55	Spatial changes of arbuscular mycorrhizal fungi in peach and their correlation with soil properties. Saudi Journal of Biological Sciences, 2021, 28, 6495-6499.	3.8	5
56	Phytomicrobiome for promoting sustainable agriculture and food security: Opportunities, challenges, and solutions. Microbiological Research, 2021, 248, 126763.	5.3	42
57	Metagenomic Analysis of Bacterial Diversity in Traditional Fermented Foods Reveals Food-Specific Dominance of Specific Bacterial Taxa. Fermentation, 2021, 7, 167.	3.0	13
58	The Change in Fatty Acids and Sugars Reveals the Association between Trifoliolate Orange and Endophytic Fungi. Journal of Fungi (Basel, Switzerland), 2021, 7, 716.	3.5	12
59	Development of Graphene Oxide Nanosheets as Potential Biomaterials in Cancer Therapeutics: An In-Vitro Study Against Breast Cancer Cell Line. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4236-4249.	3.7	15
60	Easily Extractable Glomalin-Related Soil Protein as Foliar Spray Improves Nutritional Qualities of Late Ripening Sweet Oranges. Horticulturae, 2021, 7, 228.	2.8	7
61	Plant Resources Utilization among Different Ethnic Groups of Ladakh in Trans-Himalayan Region. Biology, 2021, 10, 827.	2.8	23
62	Molecular docking studies of natural alkaloids as acetylcholinesterase (AChE1) inhibitors in Aedes aegypti. Journal of Asia-Pacific Entomology, 2021, 24, 645-652.	0.9	7
63	A review of the interaction of medicinal plants and arbuscular mycorrhizal fungi in the rhizosphere. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2021, 49, 12454.	1.1	12
64	Unraveling the Interaction between Arbuscular Mycorrhizal Fungi and Camellia Plants. Horticulturae, 2021, 7, 322.	2.8	8
65	Exogenous Glomalin-Related Soil Proteins Differentially Regulate Soil Properties in Trifoliolate Orange. Agronomy, 2021, 11, 1896.	3.0	6
66	Impact of rhizobacterium Bacillus sonorensis on propagation of Abelmoschus esculentus and its antimicrobial activity. Journal of King Saud University - Science, 2021, 33, 101496.	3.5	2
67	Sustainable Chromium Recovery From Wastewater Using Mango and Jackfruit Seed Kernel Bio-Adsorbents. Frontiers in Microbiology, 2021, 12, 717848.	3.5	16
68	Differential Effects of Exogenous Glomalin-Related Soil Proteins on Plant Growth of Trifoliolate Orange Through Regulating Auxin Changes. Frontiers in Plant Science, 2021, 12, 745402.	3.6	14
69	Mycorrhizal fungi induced activation of tomato defense system mitigates Fusarium wilt stress. Saudi Journal of Biological Sciences, 2021, 28, 5442-5450.	3.8	19
70	Amplification, sequencing and characterization of pectin methyl esterase inhibitor 51 gene in Tectona grandis L.f.. Saudi Journal of Biological Sciences, 2021, 28, 5451-5460.	3.8	2
71	Low-cost biochar adsorbents prepared from date and delonix regia seeds for heavy metal sorption. Bioresource Technology, 2021, 339, 125606.	9.6	60
72	Pyrosequencing and phenotypic microarray to decipher bacterial community variation in Sorghum bicolor (L.) Moench rhizosphere. Current Research in Microbial Sciences, 2021, 2, 100025.	2.3	8

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73	Bacterial Root Endophytes: Characterization of Their Competence and Plant Growth Promotion in Soybean ( <i>Glycine max</i> (L.) Merr.) under Drought Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 931.	2.6	65
74	Biological Characterization and Instrumental Analytical Comparison of Two Biorefining Pretreatments for Water Hyacinth ( <i>Eichhornia crassipes</i> ) Biomass Hydrolysis. <i>Sustainability</i> , 2021, 13, 245.	3.2	15
75	Genome-Wide Identification, Genomic Organization, and Characterization of Potassium Transport-Related Genes in <i>Cajanus cajan</i> and Their Role in Abiotic Stress. <i>Plants</i> , 2021, 10, 2238.	3.5	11
76	Composition of plant communities driven by environmental gradients in alpine pastures and cold desert of northwestern Himalaya, Pakistan. <i>Pakistan Journal of Botany</i> , 2021, 53, .	0.5	3
77	In Silico Core Proteomics and Molecular Docking Approaches for the Identification of Novel Inhibitors against <i>Streptococcus pyogenes</i> . <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11355.	2.6	6
78	Comparative Physiological, Biochemical, and Proteomic Responses of Photooxidation-Prone Rice Mutant 812HS under High Light Conditions. <i>Agronomy</i> , 2021, 11, 2225.	3.0	1
79	Species Distribution Pattern and Their Contribution in Plant Community Assembly in Response to Ecological Gradients of the Ecotonal Zone in the Himalayan Region. <i>Plants</i> , 2021, 10, 2372.	3.5	7
80	Strigolactones Modulate Cellular Antioxidant Defense Mechanisms to Mitigate Arsenate Toxicity in Rice Shoots. <i>Antioxidants</i> , 2021, 10, 1815.	5.1	13
81	Transcriptomic Analysis of Late-Ripening Sweet Orange Fruits ( <i>Citrus sinensis</i> ) after Foliar Application of Glomalin-Related Soil Proteins. <i>Agriculture (Switzerland)</i> , 2021, 11, 1171.	3.1	1
82	Long-Term Impact of Transhumance Pastoralism and Associated Disturbances in High-Altitude Forests of Indian Western Himalaya. <i>Sustainability</i> , 2021, 13, 12497.	3.2	16
83	Efficacy, Energy Budgeting, and Carbon Footprints of Weed Management in Blackgram ( <i>Vigna mungo</i> ) Tj ETQq1 1 0.784314 <sub>1</sub> rgBT /Over	3.2	1
84	Tapping the Role of Microbial Biosurfactants in Pesticide Remediation: An Eco-Friendly Approach for Environmental Sustainability. <i>Frontiers in Microbiology</i> , 2021, 12, 791723.	3.5	34
85	Multi-Biofunctional Properties of Phytofabricated Selenium Nanoparticles From <i>Carica papaya</i> Fruit Extract: Antioxidant, Antimicrobial, Antimycotoxin, Anticancer, and Biocompatibility. <i>Frontiers in Microbiology</i> , 2021, 12, 769891.	3.5	12
86	Field Inoculation of Arbuscular Mycorrhizal Fungi Improves Fruit Quality and Root Physiological Activity of Citrus. <i>Agriculture (Switzerland)</i> , 2021, 11, 1297.	3.1	14
87	Plant Growth-promoting and Bio-control Activity of <i>Micrococcus luteus</i> Strain AKAD 3-5 Isolated from the Soybean ( <i>Glycine max</i> (L.) Merr.) Rhizosphere. <i>Open Microbiology Journal</i> , 2021, 15, 188-197.	0.7	9
88	Elucidating the Mechanisms Underlying Enhanced Drought Tolerance in Plants Mediated by Arbuscular Mycorrhizal Fungi. <i>Frontiers in Microbiology</i> , 2021, 12, 809473.	3.5	43
89	Analysis of genomic tRNA revealed presence of novel genomic features in cyanobacterial tRNA. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 124-133.	3.8	5
90	Minimization of post-harvest sucrose losses in drought affected sugarcane using chemical formulation. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 309-317.	3.8	19

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91	Arbuscular mycorrhizal fungi modulates dynamics tolerance expression to mitigate drought stress in <i>Ephedra foliata</i> Boiss. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 380-394.	3.8	80
92	Real-Time Optical Detection of Isoleucine in Living Cells through a Genetically-Encoded Nanosensor. <i>Sensors</i> , 2020, 20, 146.	3.8	5
93	Genome-wide analysis revealed novel molecular features and evolution of Anti-codons in cyanobacterial tRNAs. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1195-1200.	3.8	1
94	Response of plant physiological attributes to altitudinal gradient: Plant adaptation to temperature variation in the Himalayan region. <i>Science of the Total Environment</i> , 2020, 706, 135714.	8.0	23
95	In Vivo Studies of Inoculated Plants and In Vitro Studies Utilizing Methanolic Extracts of Endophytic <i>Streptomyces</i> sp. Strain DBT34 Obtained from <i>Mirabilis jalapa</i> L. Exhibit ROS-Scavenging and Other Bioactive Properties. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7364.	4.1	16
96	Global Trends in Phytohormone Research: Google Trends Analysis Revealed African Countries Have Higher Demand for Phytohormone Information. <i>Plants</i> , 2020, 9, 1248.	3.5	2
97	Construction of anti-codon table of the plant kingdom and evolution of tRNA selenocysteine (tRNA <sup>Sec</sup> ). <i>BMC Genomics</i> , 2020, 21, 804.	2.8	6
98	Silver nanoparticles containing stearic acid isolated from <i>Catharanthus roseus</i> : Ovicidal and oviposition-deterrent activities on <i>Earias vittella</i> and ecotoxicological studies. <i>Pesticide Biochemistry and Physiology</i> , 2020, 168, 104640.	3.6	3
99	Insights into 28-homobrassinolide (HBR)-mediated redox homeostasis, AsA-GSH cycle, and methylglyoxal detoxification in soybean under drought-induced oxidative stress. <i>Journal of Plant Interactions</i> , 2020, 15, 371-385.	2.1	37
100	Plants endophytes: unveiling hidden agenda for bioprospecting toward sustainable agriculture. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 1210-1231.	9.0	81
101	The Influence of Mycorrhizal Fungi on the Accumulation of Sennosides A and B in <i>Senna alexandrina</i> and <i>Senna italica</i> . <i>Separations</i> , 2020, 7, 65.	2.4	2
102	In Vitro Antimicrobial and Antioxidant Activities of <i>Lactobacillus coryniformis</i> BCH-4 Bioactive Compounds and Determination of their Bioprotective Effects on Nutritional Components of Maize ( <i>Zea mays</i> L.). <i>Molecules</i> , 2020, 25, 4685.	3.8	8
103	Rhizosphere microbiome: Engineering bacterial competitiveness for enhancing crop production. <i>Journal of Advanced Research</i> , 2020, 24, 337-352.	9.5	172
104	<i>Cyperus laevigatus</i> L. Enhances Diesel Oil Remediation in Synergism with Bacterial Inoculation in Floating Treatment Wetlands. <i>Sustainability</i> , 2020, 12, 2353.	3.2	15
105	Anti-biofilm and Antibacterial Activities of Silver Nanoparticles Synthesized by the Reducing Activity of Phytoconstituents Present in the Indian Medicinal Plants. <i>Frontiers in Microbiology</i> , 2020, 11, 1143.	3.5	139
106	Bacterial synthesized metal and metal salt nanoparticles in biomedical applications: An up and coming approach. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5810.	3.5	18
107	Jasmonic acid and methyl jasmonate modulate growth, photosynthetic activity and expression of photosystem II subunit genes in <i>Brassica oleracea</i> L. <i>Scientific Reports</i> , 2020, 10, 9322.	3.3	57
108	Biological soil crust (BSC) is an effective biofertilizer on <i>Vigna mungo</i> (L.). <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2325-2332.	3.8	10



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109	Citric Acid Assisted Phytoremediation of Chromium through Sunflower Plants Irrigated with Tannery Wastewater. <i>Plants</i> , 2020, 9, 380.	3.5	20
110	Biological control of yeast contamination of industrial foods by propolis. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 935-946.	3.8	10
111	Morphological assessment of water stressed sugarcane: A comparison of waterlogged and drought affected crop. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1228-1236.	3.8	52
112	Nutritional assessment study and role of green silver nanoparticles in shelf-life of coconut endosperm to develop as functional food. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1280-1288.	3.8	19
113	Phytoconstituents of an ethanolic pod extract of <i>Prosopis cineraria</i> triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. <i>Lipids in Health and Disease</i> , 2020, 19, 6.	3.0	10
114	Genomics, molecular and evolutionary perspective of NAC transcription factors. <i>PLoS ONE</i> , 2020, 15, e0231425.	2.5	65
115	Complete Genome Sequence of <i>Lactobacillus plantarum</i> Strain JDARSH, Isolated from Sheep Milk. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	15
116	Biological Efficacy of Essential Oils and Plant Extracts of Cultivated and Wild Ecotypes of <i>Origanum vulgare</i> L. <i>BioMed Research International</i> , 2020, 2020, 1-16.	1.9	20
117	Evaluation of some heavy metals toxicity in <i>Channa punctatus</i> and riverine water of Kosi in Rampur, Uttar Pradesh, India. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1191-1194.	3.8	12
118	MALDI-TOF-MS and 16S rRNA characterization of lead tolerant metallophile bacteria isolated from saffron soils of Kashmir for their sequestration potential. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2047-2053.	3.8	9
119	Copper Uptake and Accumulation, Ultra-Structural Alteration, and Bast Fibre Yield and Quality of Fibrous Jute ( <i>Corchorus capsularis</i> L.) Plants Grown under Two Different Soils of China. <i>Plants</i> , 2020, 9, 404.	3.5	52
120	Role of Biostimulants for Enhancing Abiotic Stress Tolerance in Fabaceae Plants. , 2020, , 223-236.		11
121	Dual Inhibition of DPP-4 and Cholinesterase Enzymes by the Phytoconstituents of the Ethanolic Extract of <i>Prosopis cineraria</i> Pods: Therapeutic Implications for the Treatment of Diabetes-associated Neurological Impairments. <i>Current Alzheimer Research</i> , 2020, 16, 1230-1244.	1.4	7
122	Gene Loss and Evolution of the Plastome. <i>Genes</i> , 2020, 11, 1133.	2.4	48
123	Bacterial Augmented Floating Treatment Wetlands for Efficient Treatment of Synthetic Textile Dye Wastewater. <i>Sustainability</i> , 2020, 12, 3731.	3.2	29
124	First insights into the crustose lichen diversity of Musk Deer National Park, with new records to Pakistan. <i>Pakistan Journal of Botany</i> , 2020, 52, .	0.5	0
125	Analysis of mutations of defensin protein using accelerated molecular dynamics simulations. <i>PLoS ONE</i> , 2020, 15, e0241679.	2.5	3
126	The molecular mass and isoelectric point of plant proteomes. <i>BMC Genomics</i> , 2019, 20, 631.	2.8	62



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127	<i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> causal agent of vascular wilt disease of tomato: Biology to diversity – A review. Saudi Journal of Biological Sciences, 2019, 26, 1315-1324.	3.8	134
128	Increased temperature induces leafhopper outbreak in rice field. Journal of Applied Entomology, 2019, 143, 867-874.	1.8	11
129	Enhancement of disease resistance, growth potential, and photosynthesis in tomato ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock strain BPSAC147. PLoS ONE, 2019, 14, e0219014.	2.5	44
130	Single Nucleotide Polymorphisms in Starch Biosynthetic Genes Associated With Increased Resistant Starch Concentration in Rice Mutant. Frontiers in Genetics, 2019, 10, 946.	2.3	23
131	Acetic acid: a cost-effective agent for mitigation of seawater-induced salt toxicity in mung bean. Scientific Reports, 2019, 9, 15186.	3.3	67
132	Impact of Plant Growth Promoting Rhizobacteria in the Orchestration of <i>Lycopersicon esculentum</i> Mill. Resistance to Plant Parasitic Nematodes: A Metabolomic Approach to Evaluate Defense Responses Under Field Conditions. Biomolecules, 2019, 9, 676.	4.0	47
133	Proteome Profiling of the Mutagen-Induced Morphological and Yield Macro-Mutant Lines of <i>Nigella sativa</i> L. Plants, 2019, 8, 321.	3.5	3
134	Ecophysiological Plasticity and Cold Stress Adaptation in Himalayan Alpine Herbs: <i>Bistorta affinis</i> and <i>Sibbaldia procumbens</i> . Plants, 2019, 8, 378.	3.5	6
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