

Wajida Shafi

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,054
citations

623734

14
h-index

477307

29
g-index

49
all docs

49
docs citations

49
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species in Plants: From Source to Sink. Antioxidants, 2022, 11, 225.	5.1	197
2	Biochar as a tool for effective management of drought and heavy metal toxicity. Chemosphere, 2021, 271, 129458.	8.2	152
3	Mechanisms Underlying Graft Union Formation and Rootstock Scion Interaction in Horticultural Plants. Frontiers in Plant Science, 2020, 11, 590847.	3.6	73
4	Elevation in wildfire frequencies with respect to the climate change. Journal of Environmental Management, 2022, 301, 113769.	7.8	70
5	Enzyme Engineering: Current Trends and Future Perspectives. Food Reviews International, 2021, 37, 121-154.	8.4	68
6	Fabrication of Silver Nanoparticles Against Fungal Pathogens. Frontiers in Nanotechnology, 2021, 3, .	4.8	55
7	Plant drought stress tolerance: understanding its physiological, biochemical and molecular mechanisms. Biotechnology and Biotechnological Equipment, 2021, 35, 1912-1925.	1.3	49
8	Isolation, purification and characterization of naturally derived Crocetin beta-d-glucosyl ester from <i>Crocus sativus</i> L. against breast cancer and its binding chemistry with ER-alpha/HDAC2. Saudi Journal of Biological Sciences, 2020, 27, 975-984.	3.8	36
9	Effectiveness of biochar and compost on improving soil hydro-physical properties, crop yield and monetary returns in inceptisol subtropics. Saudi Journal of Biological Sciences, 2021, 28, 7539-7549.	3.8	29
10	Sea buckthorn (<i>Hippophae rhamnoides</i> L.) inhibits cellular proliferation, wound healing and decreases expression of prostate specific antigen in prostate cancer cells in vitro. Journal of Functional Foods, 2020, 73, 104102.	3.4	24
11	Deciphering genetic diversity analysis of saffron (<i>Crocus sativus</i> L.) using RAPD and ISSR markers. Saudi Journal of Biological Sciences, 2021, 28, 1308-1317.	3.8	24
12	Botanicals from the Himalayas with anticancer potential: an emphasis on the Kashmir Himalayas. , 2020, , 189-234.		23
13	Multi-scale processes influencing global carbon storage and land-carbon-climate nexus: A critical review. Pedosphere, 2023, 33, 250-267.	4.0	21
14	Variability in Catechin and Rutin Contents and Their Antioxidant Potential in Diverse Apple Genotypes. Molecules, 2019, 24, 943.	3.8	20
15	Elucidating genetic variability and population structure in <i>Venturia inaequalis</i> associated with apple scab disease using SSR markers. PLoS ONE, 2019, 14, e0224300.	2.5	18
16	Morpho-molecular identification and first report of <i>Fusarium equiseti</i> in causing chilli wilt from Kashmir (Northern Himalayas). Scientific Reports, 2021, 11, 3610.	3.3	16
17	Bacterial Endophyte Community Dynamics in Apple (<i>Malus domestica</i> Borkh.) Germplasm and Their Evaluation for Scab Management Strategies. Journal of Fungi (Basel, Switzerland), 2021, 7, 923.	3.5	16
18	Quantification of polyphenolic compounds and relative gene expression studies of phenylpropanoid pathway in apple (<i>Malus domestica</i> Borkh) in response to <i>Venturia inaequalis</i> infection. Saudi Journal of Biological Sciences, 2020, 27, 3397-3404.	3.8	15

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19	Optimization of an improved, efficient and rapid in vitro micropropagation protocol for <i>Petunia hybrida</i> Vilm. Cv. "Bravo". Saudi Journal of Biological Sciences, 2021, 28, 3701-3709.	3.8	15
20	Response surface optimization of cellulase production from <i>Aneurinibacillus aneurinilyticus</i> BKT-9: An isolate of urban Himalayan freshwater. Saudi Journal of Biological Sciences, 2020, 27, 2333-2343.	3.8	13
21	Covid-19 Pandemic and Current Medical Interventions. Archives of Medical Research, 2020, 51, 473-481.	3.3	11
22	High-Throughput RNA Sequencing of Mosaic Infected and Non-Infected Apple (<i>Malus domestica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf s Plants, 2022, 11, 675.	3.5	11
23	Design of expert guided investigation of native L-asparaginase encapsulated long-acting cross-linker-free poly (lactic-co-glycolic) acid nanoformulation in an Ehrlich ascites tumor model. Saudi Pharmaceutical Journal, 2020, 28, 719-728.	2.7	9
24	MYB-6 and LDOX-1 regulated accretion of anthocyanin response to cold stress in purple black carrot (<i>Daucus carota</i> L.). Molecular Biology Reports, 2022, 49, 5353-5364.	2.3	9
25	Diversity evaluation of fruit quality of apple (<i>Malus domestica</i> Borkh.) germplasm through cluster and principal component analysis. Indian Journal of Plant Physiology, 2017, 22, 221-226.	0.8	8
26	Random mutagenesis in vegetatively propagated crops: opportunities, challenges and genome editing prospects. Molecular Biology Reports, 2022, 49, 5729-5749.	2.3	7
27	Morpho-molecular characterization and genetic diversity analysis across wild apple (<i>Malus baccata</i>) accessions using simple sequence repeat markers. South African Journal of Botany, 2022, 145, 378-385.	2.5	7
28	Effect of silicon application with mycorrhizal inoculation on <i>Brassica juncea</i> cultivated under water stress. PLoS ONE, 2022, 17, e0261569.	2.5	7
29	Identification of QTLs/ Candidate Genes for Seed Mineral Contents in Common Bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf s	2.3	6
30	Elucidating genetic variability pertaining to flowering, maturity and morphological characters among various apple (<i>Malus domestica</i> Borkh.) cultivars. South African Journal of Botany, 2022, 145, 386-396.	2.5	5
31	The Implications of Placental Networking and Vascular Remodeling VEGF Gene Sequence Variations and its expression as a Vital Factor to Contribute in Etiopathogenesis of Recurrent Pregnancy Loss. Reproductive BioMedicine Online, 2021, 43, 1035-1044.	2.4	5
32	Role of Genetic and Dietary Implications in the Pathogenesis of Global Obesity. Food Reviews International, 2022, 38, 434-455.	8.4	5
33	Significant Implications of APOA1 Gene Sequence Variations and Its Protein Expression in Bladder Cancer. Biomedicines, 2021, 9, 938.	3.2	4
34	GSTT1null and rs156697 Polymorphism in GSTO2 Influence the Risk and Therapeutic Outcome of B-Acute Lymphoblastic Leukemia Patients. Frontiers in Oncology, 2021, 11, 714421.	2.8	4
35	Physiological Activity, Nutritional Composition, and Gene Expression in Apple (<i>Malus domestica</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf s (Switzerland), 2021, 13, 3208.	2.7	4
36	Morpho-molecular identification and a new host report of <i>Bactrocera dorsalis</i> (Hendel) from the Kashmir valley (India). International Journal of Tropical Insect Science, 2020, 40, 315-325.	1.0	3

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37	Phytoremediation at Molecular Level. , 2022, , 65-90.		3
38	Obesity: Causes, consequences, and disease risks for service personnel. , 2021, , 407-425.		2
39	Harnessing the Potential of Phytochemicals for Breast Cancer Treatment. , 2021, , 223-251.		2
40	Swine flu a seasonal pandemic, symptoms, diagnostics and prevention. Reviews in Medical Microbiology, 2019, 30, 200-204.	0.9	1
41	Clinical tools for successful treatment of onychomycosis: a narrative review. Drugs and Therapy Perspectives, 2020, 36, 236-242.	0.6	1
42	A Review on Probable Lysosomotropic Properties of Sodium Bicarbonate to Restrain Viral Entry of Coronavirus 2 (SARS-CoV-2). SSRN Electronic Journal, 0, , .	0.4	1
43	Potential Applications of Rhizobacteria as Eco-Friendly Biological Control, Plant Growth Promotion and Soil Metal Bioremediation. , 0, , .		1
44	Elucidating genetic divergence of silkworm (Bombyx mori) using internal transcribed Spacer1 (ITS1). International Journal of Tropical Insect Science, 2021, 41, 1653-1665.	1.0	0
45	Cytokine Gene Polymorphism and Cancer Risk: A Promising Tool for Individual Susceptibility and Prognostic Implications. , 0, , .		0