

Amjad Iqbal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

1,606
citations

20
h-index

38
g-index

81
ext. papers

2,157
ext. citations

4.1
avg. IF

4.91
L-index

#	Paper	IF	Citations
70	Nutritional quality of important food legumes. <i>Food Chemistry</i> , 2006 , 97, 331-335	8.5	399
69	Gibberellins Producing Endophytic Fungus AGH786 Rescues Growth of Salt Affected Soybean. <i>Frontiers in Microbiology</i> , 2017 , 8, 686	5.7	107
68	Plant growth promoting endophytic fungi <i>Aspergillus fumigatus</i> TS1 and <i>Fusarium proliferatum</i> BRL1 produce gibberellins and regulates plant endogenous hormones. <i>Symbiosis</i> , 2018 , 76, 117-127	3	92
67	Aflatoxin contents of stored and artificially inoculated cereals and nuts. <i>Food Chemistry</i> , 2006 , 98, 699-703	8.5	81
66	IAA producing fungal endophyte <i>Penicillium roqueforti</i> Thom., enhances stress tolerance and nutrients uptake in wheat plants grown on heavy metal contaminated soils. <i>PLoS ONE</i> , 2018 , 13, e0208130	3.7	81
65	Bioremediation of hexavalent chromium by endophytic fungi; safe and improved production of <i>Lactuca sativa</i> L. <i>Chemosphere</i> , 2018 , 211, 653-663	8.4	51
64	In vitro production of IAA by endophytic fungus <i>Aspergillus awamori</i> and its growth promoting activities in <i>Zea mays</i> . <i>Symbiosis</i> , 2019 , 77, 225-235	3	48
63	An endophytic isolate of the fungus <i>Yarrowia lipolytica</i> produces metabolites that ameliorate the negative impact of salt stress on the physiology of maize. <i>BMC Microbiology</i> , 2019 , 19, 3	4.5	42
62	Response and Tolerance Mechanism of Cotton <i>Gossypium hirsutum</i> L. to Elevated Temperature Stress: A Review. <i>Frontiers in Plant Science</i> , 2016 , 7, 937	6.2	39
61	Kinetin modulates physio-hormonal attributes and isoflavone contents of Soybean grown under salinity stress. <i>Frontiers in Plant Science</i> , 2015 , 6, 377	6.2	35
60	Implications of Abscisic Acid in the Drought Stress Tolerance of Plants. <i>Agronomy</i> , 2020 , 10, 1323	3.6	34
59	Bioengineered Plants Can Be a Useful Source of Omega-3 Fatty Acids. <i>BioMed Research International</i> , 2017 , 2017, 7348919	3	32
58	Endophytic Fungus Mediates Host Plant Growth under Normal and Heat Stress Conditions. <i>BioMed Research International</i> , 2018 , 2018, 7696831	3	32
57	Phytohormones producing rhizobacterium alleviates chromium toxicity in <i>Helianthus annuus</i> L. by reducing chromate uptake and strengthening antioxidant system. <i>Chemosphere</i> , 2020 , 258, 127386	8.4	28
56	Effect of IAA on in vitro growth and colonization of <i>Nostoc</i> in plant roots. <i>Frontiers in Plant Science</i> , 2015 , 6, 46	6.2	27
55	Cinnamic acid as an inhibitor of growth, flavonoids exudation and endophytic fungus colonization in maize root. <i>Plant Physiology and Biochemistry</i> , 2019 , 135, 61-68	5.4	26
54	Physicochemical characteristics and amino acid profile of chickpea cultivars grown in Pakistan. <i>Journal of Foodservice</i> , 2006 , 17, 94-101		24

53	Trichoderma reesei improved the nutrition status of wheat crop under salt stress. <i>Journal of Plant Interactions</i> , 2019 , 14, 590-602	3.8	23
52	Thermal stress alleviating potential of endophytic fungus Rhizopus oryzae inoculated to sunflower (Helianthus annuus L.) and soybean (Glycine max L.). <i>Pakistan Journal of Botany</i> , 2020 , 52,	2	22
51	Potent endogenous allelopathic compounds in Lepidium sativum seed exudate: effects on epidermal cell growth in Amaranthus caudatus seedlings. <i>Journal of Experimental Botany</i> , 2012 , 63, 2595-2604	7.604	21
50	Salt stress alleviation in Pennisetum glaucum through secondary metabolites modulation by Aspergillus terreus. <i>Plant Physiology and Biochemistry</i> , 2019 , 144, 127-134	5.4	19
49	Cochliobolus sp. acts as a biochemical modulator to alleviate salinity stress in okra plants. <i>Plant Physiology and Biochemistry</i> , 2019 , 139, 459-469	5.4	19
48	Effect of Methanolic Extract of Dandelion Roots on Cancer Cell Lines and AMP-Activated Protein Kinase Pathway. <i>Frontiers in Pharmacology</i> , 2017 , 8, 875	5.6	19
47	Gibberellin application ameliorates the adverse impact of short-term flooding on L. <i>Biochemical Journal</i> , 2018 , 475, 2893-2905	3.8	16
46	Promoted the Growth of Soybean and Sunflower Seedlings at Elevated Temperature. <i>BioMed Research International</i> , 2019 , 2019, 1295457	3	15
45	In Vitro Antidiabetic Effects and Antioxidant Potential of Pods. <i>BioMed Research International</i> , 2018 , 2018, 1824790	3	15
44	Genotyping of HCV RNA reveals that 3a is the most prevalent genotype in mardan, pakistan. <i>Advances in Virology</i> , 2014 , 2014, 606201	1.9	15
43	Optimization of culture medium and temperature for the in vitro germination of oil palm pollen. <i>Scientia Horticulturae</i> , 2017 , 220, 134-138	4.1	14
42	Aspergillus niger boosted heat stress tolerance in sunflower and soybean via regulating their metabolic and antioxidant system. <i>Journal of Plant Interactions</i> , 2020 , 15, 223-232	3.8	14
41	Allergens of Arachis hypogaea and the effect of processing on their detection by ELISA. <i>Food and Nutrition Research</i> , 2016 , 60, 28945	3.1	14
40	Anthracene biodegradation capacity of newly isolated rhizospheric bacteria Bacillus cereus S13. <i>PLoS ONE</i> , 2018 , 13, e0201620	3.7	13
39	Novel antimicrobial and antioxidative activity by endophytic Penicillium roqueforti and Trichoderma reesei isolated from Solanum surattense. <i>Acta Physiologiae Plantarum</i> , 2019 , 41, 1	2.6	12
38	The pectic disaccharides lepidimoic acid and E-d-xylopyranosyl-(1-β)-d-galacturonic acid occur in cress-seed exudate but lack allelochemical activity. <i>Annals of Botany</i> , 2016 , 117, 607-23	4.1	12
37	Heavy metal tolerant endophytic fungi Aspergillus welwitschiae improves growth, ceasing metal uptake and strengthening antioxidant system in Glycine max L. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	11
36	Industrial polluted soil borne fungi decolorize the recalcitrant azo dyes Synozol red HF-6BN and Synozol black B. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111381	7	11

35	Yucasin and cinnamic acid inhibit IAA and flavonoids biosynthesis minimizing interaction between maize and endophyte <i>Aspergillus nomius</i> . <i>Symbiosis</i> , 2020 , 81, 149-160	3	10
34	A promising growth promoting <i>Meyerozyma caribbica</i> from <i>Solanum xanthocarpum</i> alleviated stress in maize plants. <i>Bioscience Reports</i> , 2019 , 39,	4.1	10
33	Coconut genome assembly enables evolutionary analysis of palms and highlights signaling pathways involved in salt tolerance. <i>Communications Biology</i> , 2021 , 4, 105	6.7	9
32	An Endophytic Fungus <i>Gliocladium cibotii</i> Regulates Metabolic and Antioxidant System of <i>Glycine max</i> and <i>Helianthus annuus</i> under Heat Stress. <i>Polish Journal of Environmental Studies</i> , 2021 , 30, 1631-1640	2.3	9
31	Effect of processing on the detectability of peanut protein by ELISA. <i>Food Chemistry</i> , 2013 , 141, 1651-4	8.5	8
30	Endophytic <i>Aspergillus niger</i> reprograms the physicochemical traits of tomato under cadmium and chromium stress. <i>Environmental and Experimental Botany</i> , 2021 , 186, 104456	5.9	7
29	<i>Aspergillus Flavus</i> reprogrammed morphological and chemical attributes of <i>Solanum lycopersicum</i> through <i>SlGSH1</i> and <i>SlPCS1</i> genes modulation under heavy metal stress. <i>Journal of Plant Interactions</i> , 2021 , 16, 104-115	3.8	7
28	Occurrence of heavy metals and pesticide residues in tomato crop: a threat to public health. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	6
27	Antimicrobial and plant growth-promoting activities of bacterial endophytes isolated from <i>Calotropis procera</i> (Ait.) W.T. Aiton. <i>Biocell</i> , 2021 , 45, 363-369	1.9	6
26	<i>Aspergillus awamori</i> ameliorates the physicochemical characteristics and mineral profile of mung bean under salt stress. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	6
25	The role of Chinese Milk Vetch as cover crop in complex soil nitrogen dynamics in rice rotation system of South China. <i>Scientific Reports</i> , 2018 , 8, 12061	4.9	6
24	Reduction of reactive red 241 by oxygen insensitive azoreductase purified from a novel strain <i>Staphylococcus KU898286</i> . <i>PLoS ONE</i> , 2017 , 12, e0175551	3.7	5
23	Transformation of Endophytic spp. Into Biotrophic Pathogen Under Auxin Cross-Talk With Brassinosteroids and Abscisic Acid. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 657635	5.8	5
22	Breeding of Coconut (<i>Cocos Nucifera</i> L.): The Tree of Life 2018 , 673-725		4
21	Evaluation of unexplored pomegranate cultivars for physicochemical characteristics and antioxidant activity. <i>Journal of Food Science and Technology</i> , 2017 , 54, 2973-2979	3.3	4
20	<i>Aspergillus foetidus</i> Regulated the Biochemical Characteristics of Soybean and Sunflower under Heat Stress Condition: Role in Sustainability. <i>Sustainability</i> , 2021 , 13, 7159	3.6	4
19	Correlation analysis of cold-related gene expression with physiological and biochemical indicators under cold stress in oil palm. <i>PLoS ONE</i> , 2019 , 14, e0225768	3.7	3
18	Intelligent hepatitis diagnosis using adaptive neuro-fuzzy inference system and information gain method. <i>Soft Computing</i> , 2019 , 23, 10931-10938	3.5	3

17	QRREM method for the isolation of high-quality RNA from the complex matrices of coconut. <i>Bioscience Reports</i> , 2019 , 39,	4.1	3
16	Tyrosinase/caffeic acid cross-linking alleviated shrimp (<i>Metapenaeus ensis</i>) tropomyosin-induced allergic responses by modulating the Th1/Th2 immunobalance. <i>Food Chemistry</i> , 2021 , 340, 127948	8.5	3
15	Comparative assessment of chromate bioremediation potential of <i>Pantoea conspicua</i> and <i>Aspergillus niger</i> . <i>Journal of Hazardous Materials</i> , 2022 , 424, 127314	12.8	3
14	Effect of Mixture of Nitrogen from Poultry Manure and Urea on Mineral Profile of Tomato Grown in KPK-Pakistan. <i>Communications in Soil Science and Plant Analysis</i> , 2017 , 48, 1486-1493	1.5	2
13	Prevalence of Diabetes Type 2 in Hepatitis C Infected Patients in Kpk, Pakistan. <i>BioMed Research International</i> , 2017 , 2017, 2416281	3	2
12	<i>Pseudocitrobacter anthropi</i> reduces heavy metal uptake and improves phytohormones and antioxidant system in <i>Glycine max L.</i> <i>World Journal of Microbiology and Biotechnology</i> , 2021 , 37, 195	4.4	2
11	<i>Penicillium Glabrum</i> Acted as a Heat Stress Relieving Endophyte in Soybean and Sunflower. <i>Polish Journal of Environmental Studies</i> , 2021 , 30, 3099-3110	2.3	2
10	Development of SSR Markers for Coconut (<i>Cocos nucifera L.</i>) by Selectively Amplified Microsatellite (SAM) and Its Applications. <i>Tropical Plant Biology</i> , 2019 , 12, 32-43	1.6	2
9	<i>Porostereum spadiceum</i> -AGH786 Regulates the Growth and Metabolites Production in <i>Triticum aestivum L.</i> Under Salt Stress.. <i>Current Microbiology</i> , 2022 , 79, 159	2.4	2
8	Gibberellins hypersensitivity hinder the interaction of <i>Bipolaris sorokiniana</i> (Scc.) under cross talks with IAA and transzeatin. <i>Journal of Plant Interactions</i> , 2022 , 17, 152-167	3.8	1
7	Heavy Metal Analysis of Locally Available Anticancer Medicinal Plants. <i>Biosciences, Biotechnology Research Asia</i> , 2019 , 16, 105-111	0.5	1
6	Role of Plant Bioactives in Sustainable Agriculture 2020 , 591-605		1
5	Salt Stress Alleviation in Through Primary and Secondary Metabolites Modulation by BTK-1.. <i>Frontiers in Plant Science</i> , 2022 , 13, 779623	6.2	1
4	Spatial Diversity in <i>Aspergillus niger</i> and Yeast Cultures in Terms of Starch Saccharification and Bioethanol Production. <i>Agricultural Research</i> , 1	1.4	
3	An easy and robust method for the isolation of high quality RNA from coconut tissues. <i>Electronic Journal of Biotechnology</i> , 2020 , 48, 78-85	3.1	
2	Physicochemical Properties and Antioxidant Potential of Tateishi Kazu Vegetable Soup. <i>Journal of Food Quality</i> , 2021 , 2021, 1-10	2.7	
1	Induced host defence by virulence manipulation of <i>Erysiphe orontii</i> through exogenous application of apoplast nutrients. <i>Physiological and Molecular Plant Pathology</i> , 2022 , 101831	2.6	