

Anwar Hussain

List of Publications by Year in descending order

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67
papers

2,424
citations

186265

28
h-index

223800

46
g-index

69
all docs

69
docs citations

69
times ranked

2264
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	12.4	24
2	Heavy metal tolerant endophytic fungi <i>Aspergillus welwitschiae</i> improves growth, ceasing metal uptake and strengthening antioxidant system in <i>Glycine max</i> L. <i>Environmental Science and Pollution Research</i> , 2022, 29, 15501-15515.	5.3	34
3	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.	2.1	2
4	<i>Stemphylium Solani</i> Stabilized the Physicochemical Characteristics of Host Plant Species During Stress. <i>Polish Journal of Environmental Studies</i> , 2022, , .	1.2	2
5	Exposure of Brassica to Red Light Antagonizes Low Production of Indole-3-Acetic Acid in Leaf Through Root Signaling Under Stress Conditions. <i>Photochemistry and Photobiology</i> , 2022, 98, 874-885.	2.5	0
6	Salt Stress Alleviation in <i>Triticum aestivum</i> Through Primary and Secondary Metabolites Modulation by <i>Aspergillus terreus</i> BTK-1. <i>Frontiers in Plant Science</i> , 2022, 13, 779623.	3.6	9
7	<i>Porostereum spadiceum</i> -AGH786 Regulates the Growth and Metabolites Production in <i>Triticum aestivum</i> L. Under Salt Stress. <i>Current Microbiology</i> , 2022, 79, 159.	2.2	12
8	Induced host defence by virulence manipulation of <i>Erysiphe orontii</i> through exogenous application of apoplastic nutrients. <i>Physiological and Molecular Plant Pathology</i> , 2022, , 101831.	2.5	0
9	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.	0.7	16
10	<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, .	4.6	20
11	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.	1.2	19
12	<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.	1.2	7
13	<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.	3.2	8
14	Transformation of Endophytic <i>Bipolaris</i> spp. Into Biotrophic Pathogen Under Auxin Cross-Talk With Brassinosteroids and Abscisic Acid. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 657635.	4.1	13
15	<i>Pseudocitrobacter anthropi</i> reduces heavy metal uptake and improves phytohormones and antioxidant system in <i>Glycine max</i> L. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 195.	3.6	15
16	Molecular Docking and In vitro Analysis of <i>Fagonia Cretica</i> and <i>Berberis Lyceum</i> Extracts Against <i>Brucella Melitensis</i> . <i>Current Computer-Aided Drug Design</i> , 2021, 17, 946-956.	1.2	0
17	Phytohormones Producing <i>Acinetobacter bouvetii</i> P1 Mitigates Chromate Stress in Sunflower by Provoking Host Antioxidant Response. <i>Antioxidants</i> , 2021, 10, 1868.	5.1	16
18	Regulatory Role of Phytohormones in Maintaining Stem Cells and Boundaries of Stem Cell Niches. <i>Methods in Molecular Biology</i> , 2020, 2094, 1-16.	0.9	1

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19	Plant-Associated Microbes Alter Root Growth by Modulating Root Apical Meristem. <i>Methods in Molecular Biology</i> , 2020, 2094, 49-58.	0.9	1
20	<i>Aspergillus niger</i> 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.	2.1	28
21	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.	8.2	62
22	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.	2.3	14
23	Occurrence of heavy metals and pesticide residues in tomato crop: a threat to public health. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	14
24	Thermal stress alleviating potential of endophytic fungus <i>Rhizopus oryzae</i> inoculated to sunflower (<i>Helianthus annuus</i> L.) and soybean (<i>Glycine max</i> L.). <i>Pakistan Journal of Botany</i> , 2020, 52, .	0.5	39
25	Salt stress alleviation in <i>Pennisetum glaucum</i> through secondary metabolites modulation by <i>Aspergillus terreus</i> . <i>Plant Physiology and Biochemistry</i> , 2019, 144, 127-134.	5.8	40
26	<i>Aspergillus flavus</i> Promoted the Growth of Soybean and Sunflower Seedlings at Elevated Temperature. <i>BioMed Research International</i> , 2019, 2019, 1-13.	1.9	33
27	<i>Cochliobolus</i> sp. acts as a biochemical modulator to alleviate salinity stress in okra plants. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 459-469.	5.8	34
28	Growth-promoting bioactivities of <i>Bipolaris</i> sp. CSL-1 isolated from <i>Cannabis sativa</i> suggest a distinctive role in modifying host plant phenotypic plasticity and functions. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	14
29	<i>Trichoderma reesei</i> improved the nutrition status of wheat crop under salt stress. <i>Journal of Plant Interactions</i> , 2019, 14, 590-602.	2.1	46
30	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.	2.3	92
31	Intelligent hepatitis diagnosis using adaptive neuro-fuzzy inference system and information gain method. <i>Soft Computing</i> , 2019, 23, 10931-10938.	3.6	7
32	QRREM method for the isolation of high-quality RNA from the complex matrices of coconut. <i>Bioscience Reports</i> , 2019, 39, .	2.4	8
33	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.	3.3	73
34	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.	5.8	36
35	A promising growth promoting <i>Meyerozyma caribbica</i> from <i>Solanum xanthocarpum</i> alleviated stress in maize plants. <i>Bioscience Reports</i> , 2019, 39, .	2.4	22
36	Heavy Metal Analysis of Locally Available Anticancer Medicinal Plants. <i>Biosciences, Biotechnology Research Asia</i> , 2019, 16, 105-111.	0.5	1

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37	<i>Aspergillus niger</i> CSR3 regulates plant endogenous hormones and secondary metabolites by producing gibberellins and indoleacetic acid. Journal of Plant Interactions, 2018, 13, 100-111.	2.1	75
38	Plant growth promoting endophytic fungi <i>Aspergillus fumigatus</i> TS1 and <i>Fusarium proliferatum</i> BRL1 produce gibberellins and regulates plant endogenous hormones. Symbiosis, 2018, 76, 117-127.	2.3	165
39	IAA and flavonoids modulates the association between maize roots and phytostimulant endophytic <i>Aspergillus fumigatus</i> greenish. Journal of Plant Interactions, 2018, 13, 532-542.	2.1	23
40	Endophytic Fungus <i>Aspergillus japonicus</i> Mediates Host Plant Growth under Normal and Heat Stress Conditions. BioMed Research International, 2018, 2018, 1-11.	1.9	53
41	In Vitro Antidiabetic Effects and Antioxidant Potential of <i>Cassia nemophila</i> Pods. BioMed Research International, 2018, 2018, 1-6.	1.9	36
42	Bioremediation of hexavalent chromium by endophytic fungi; safe and improved production of <i>Lactuca sativa</i> L. Chemosphere, 2018, 211, 653-663.	8.2	68
43	<i>Glycyrrhiza glabra</i> HPLC fractions: identification of Aldehyde Isoophiopogonone and Liquirtigenin having activity against multidrug resistant bacteria. BMC Complementary and Alternative Medicine, 2018, 18, 140.	3.7	19
44	Salt tolerance of <i>Glycine max</i> .L induced by endophytic fungus <i>Aspergillus flavus</i> CSH1, via regulating its endogenous hormones and antioxidative system. Plant Physiology and Biochemistry, 2018, 128, 13-23.	5.8	84
45	Gibberellin application ameliorates the adverse impact of short-term flooding on <i>Glycine max</i> L.. Biochemical Journal, 2018, 475, 2893-2905.	3.7	21
46	Microbial Manipulation of Auxins and Cytokinins in Plants. Methods in Molecular Biology, 2017, 1569, 61-72.	0.9	5
47	Alleviation of heavy metal toxicity and phytostimulation of <i>Brassica campestris</i> L. by endophytic <i>Mucor</i> sp. MHR-7. Ecotoxicology and Environmental Safety, 2017, 142, 139-149.	6.0	117
48	Identification of oral cavity biofilm forming bacteria and determination of their growth inhibition by <i>Acacia arabica</i> , <i>Tamarix aphylla</i> L. and <i>Melia azedarach</i> L. medicinal plants. Archives of Oral Biology, 2017, 81, 175-185.	1.8	20
49	Effect of Methanolic Extract of Dandelion Roots on Cancer Cell Lines and AMP-Activated Protein Kinase Pathway. Frontiers in Pharmacology, 2017, 8, 875.	3.5	26
50	Gibberellins Producing Endophytic Fungus <i>Porostereum spadiceum</i> AGH786 Rescues Growth of Salt Affected Soybean. Frontiers in Microbiology, 2017, 8, 686.	3.5	165
51	<i>Punica granatum</i> peel extracts: HPLC fractionation and LC MS analysis to quest compounds having activity against multidrug resistant bacteria. BMC Complementary and Alternative Medicine, 2017, 17, 247.	3.7	43
52	Genomic DNA Extraction for Molecular Identification of Endophytic Fungi: An Easy and Efficient Protocol. Biosciences, Biotechnology Research Asia, 2017, 14, 667-671.	0.5	6
53	Allergens of <i>Arachis hypogaea</i> and the effect of processing on their detection by ELISA. Food and Nutrition Research, 2016, 60, 28945.	2.6	21
54	Kinetin modulates physio-hormonal attributes and isoflavone contents of Soybean grown under salinity stress. Frontiers in Plant Science, 2015, 6, 377.	3.6	60

#	ARTICLE	IF	CITATIONS
55	Effect of IAA on in vitro growth and colonization of Nostoc in plant roots. <i>Frontiers in Plant Science</i> , 2015, 6, 46.	3.6	37
56	Alteration in the gene expression of <i>Glehnia littoralis</i> seedlings exposed to culture filtrate of <i>Penicillium citrinum</i> KACC43900. <i>Journal of Plant Interactions</i> , 2015, 10, 51-58.	2.1	1
57	<i>Alkanna tinctoria</i> leaves extracts: a prospective remedy against multidrug resistant human pathogenic bacteria. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 127.	3.7	34
58	Molecular cloning and functional analysis of NAC family genes associated with leaf senescence and stresses in <i>Gossypium hirsutum</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 167-186.	2.3	21
59	HAV in fresh vegetables: a hidden health risk in district Mardan, Pakistan. <i>SpringerPlus</i> , 2014, 3, 675.	1.2	7
60	Root Colonization and Phytostimulation by Phytohormones Producing Entophytic <i>Nostoc</i> sp. AH-12. <i>Current Microbiology</i> , 2013, 67, 624-630.	2.2	30
61	Accumulation of heavy metals in edible parts of vegetables irrigated with waste water and their daily intake to adults and children, District Mardan, Pakistan. <i>Food Chemistry</i> , 2013, 136, 1515-1523.	8.2	203
62	The impact of cytokinin on jasmonate-salicylate antagonism in <i>Arabidopsis</i> immunity against infection with <i>Pst</i> DC3000. <i>Plant Signaling and Behavior</i> , 2013, 8, e26791.	2.4	18
63	Integrated Systems View on Networking by Hormones in <i>Arabidopsis</i> Immunity Reveals Multiple Crosstalk for Cytokinin. <i>Plant Cell</i> , 2012, 24, 1793-1814.	6.6	110
64	Comparative assessment of the efficacy of bacterial and cyanobacterial phytohormones in plant tissue culture. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 1459-1466.	3.6	16
65	Phytostimulation and biofertilization in wheat by cyanobacteria. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 85-92.	3.0	68
66	Interactions of bacterial cytokinins and IAA in the rhizosphere may alter phytostimulatory efficiency of rhizobacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2645-2654.	3.6	45
67	Rapid Determination of Cytokinins and Auxin in Cyanobacteria. <i>Current Microbiology</i> , 2010, 61, 361-369.	2.2	64