

Anwar Hussain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3611506/publications.pdf>

Version: 2024-02-01

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	Accumulation of heavy metals in edible parts of vegetables irrigated with waste water and their daily intake to adults and children, District Mardan, Pakistan. Food Chemistry, 2013, 136, 1515-1523.	8.2	203
2	Gibberellins Producing Endophytic Fungus <i>Porostereum spadiceum</i> AGH786 Rescues Growth of Salt Affected Soybean. Frontiers in Microbiology, 2017, 8, 686.	3.5	165
3	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
4	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
5	Integrated Systems View on Networking by Hormones in <i>Arabidopsis</i> Immunity Reveals Multiple Crosstalk for Cytokinin. Plant Cell, 2012, 24, 1793-1814.	6.6	110
6	In vitro production of IAA by endophytic fungus <i>Aspergillus awamori</i> and its growth promoting activities in <i>Zea mays</i> . Symbiosis, 2019, 77, 225-235.	2.3	92
7	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
8	<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
9	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. BMC Microbiology, 2019, 19, 3.	3.3	73
10	Phytostimulation and biofertilization in wheat by cyanobacteria. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 85-92.	3.0	68
11	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
12	Rapid Determination of Cytokinins and Auxin in Cyanobacteria. Current Microbiology, 2010, 61, 361-369.	2.2	64
13	Phytohormones producing rhizobacterium alleviates chromium toxicity in <i>Helianthus annuus</i> L. by reducing chromate uptake and strengthening antioxidant system. Chemosphere, 2020, 258, 127386.	8.2	62
14	Kinetin modulates physio-hormonal attributes and isoflavone contents of Soybean grown under salinity stress. Frontiers in Plant Science, 2015, 6, 377.	3.6	60
15	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
16	<i>Trichoderma reesei</i> improved the nutrition status of wheat crop under salt stress. Journal of Plant Interactions, 2019, 14, 590-602.	2.1	46
17	Interactions of bacterial cytokinins and IAA in the rhizosphere may alter phytostimulatory efficiency of rhizobacteria. World Journal of Microbiology and Biotechnology, 2011, 27, 2645-2654.	3.6	45
18	<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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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.	3.6	37
22	In Vitro Antidiabetic Effects and Antioxidant Potential of <i>Cassia nemophila</i> Pods. <i>BioMed Research International</i> , 2018, 2018, 1-6.	1.9	36
23	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
24	<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
25	<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
26	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
27	<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
28	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
29	<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
30	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.	3.5	26
31	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
32	IAA and flavonoids modulates the association between maize roots and phytostimulant endophytic <i>Aspergillus fumigatus</i> greenish. <i>Journal of Plant Interactions</i> , 2018, 13, 532-542.	2.1	23
33	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
34	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
35	Allergens of <i>Arachis hypogaea</i> and the effect of processing on their detection by ELISA. <i>Food and Nutrition Research</i> , 2016, 60, 28945.	2.6	21
36	Gibberellin application ameliorates the adverse impact of short-term flooding on <i>Glycine max</i> L.. <i>Biochemical Journal</i> , 2018, 475, 2893-2905.	3.7	21

#	ARTICLE	IF	CITATIONS
37	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. <i>Archives of Oral Biology</i> , 2017, 81, 175-185.	1.8	20
38	<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
39	<i>Glycyrrhiza glabra</i> HPLC fractions: identification of Aldehydo Isoophiopogonone and Liquirtigenin having activity against multidrug resistant bacteria. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 140.	3.7	19
40	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
41	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
42	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
43	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
44	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
45	<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
46	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
47	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
48	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
49	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
50	<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
51	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
52	QRREM method for the isolation of high-quality RNA from the complex matrices of coconut. <i>Bioscience Reports</i> , 2019, 39, .	2.4	8
53	<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
54	HAV in fresh vegetables: a hidden health risk in district Mardan, Pakistan. <i>SpringerPlus</i> , 2014, 3, 675.	1.2	7

#	ARTICLE	IF	CITATIONS
55	Intelligent hepatitis diagnosis using adaptive neuro-fuzzy inference system and information gain method. <i>Soft Computing</i> , 2019, 23, 10931-10938.	3.6	7
56	<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
57	Genomic DNA Extraction for Molecular Identification of Endophytic Fungi: An Easy and Efficient Protocol. <i>Biosciences, Biotechnology Research Asia</i> , 2017, 14, 667-671.	0.5	6
58	Microbial Manipulation of Auxins and Cytokinins in Plants. <i>Methods in Molecular Biology</i> , 2017, 1569, 61-72.	0.9	5
59	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
60	<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
61	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
62	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
63	Plant-Associated Microbes Alter Root Growth by Modulating Root Apical Meristem. <i>Methods in Molecular Biology</i> , 2020, 2094, 49-58.	0.9	1
64	Heavy Metal Analysis of Locally Available Anticancer Medicinal Plants. <i>Biosciences, Biotechnology Research Asia</i> , 2019, 16, 105-111.	0.5	1
65	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
66	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
67	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