

Mohammed Aiyaz

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

481
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Zearalenone induced toxicity in SHSY-5Y cells: The role of oxidative stress evidenced by N-acetyl cysteine. <i>Food and Chemical Toxicology</i> , 2014, 65, 335-342.	3.6	117
2	Induction of drought tolerance in tomato upon the application of ACC deaminase producing plant growth promoting rhizobacterium <i>Bacillus subtilis</i> Rhizo SF 48. <i>Microbiological Research</i> , 2020, 234, 126422.	5.3	80
3	Plant-Mediated Zinc Oxide Nanoparticles: Advances in the New Millennium towards Understanding Their Therapeutic Role in Biomedical Applications. <i>Pharmaceutics</i> , 2021, 13, 1662.	4.5	53
4	Molecular identification and characterization of <i>Fusarium</i> spp. associated with sorghum seeds. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 1132-1139.	3.5	41
5	Induction of drought tolerance in <i>Pennisetum glaucum</i> by ACC deaminase producing PGPR- <i>Bacillus amyloliquefaciens</i> through Antioxidant defense system. <i>Microbiological Research</i> , 2021, 253, 126891.	5.3	39
6	Bioprospecting of Rhizosphere-Resident Fungi: Their Role and Importance in Sustainable Agriculture. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 314.	3.5	35
7	Fate, bioaccumulation and toxicity of engineered nanomaterials in plants: Current challenges and future prospects. <i>Science of the Total Environment</i> , 2022, 811, 152249.	8.0	33
8	A coherent feed forward loop drives vascular regeneration in damaged aerial organs growing in normal developmental-context. <i>Development</i> (Cambridge), 2020, 147, .	2.5	24
9	Application of beneficial rhizospheric microbes for the mitigation of seed-borne mycotoxigenic fungal infection and mycotoxins in maize. <i>Biocontrol Science and Technology</i> , 2015, 25, 1105-1119.	1.3	12
10	Molecular Diversity of Seed-borne <i>Fusarium</i> Species Associated with Maize in India. <i>Current Genomics</i> , 2016, 17, 132-144.	1.6	12
11	<i>Aspergillus flavus</i> infection and aflatoxin contamination in sorghum seeds and their biological management. <i>Archives of Phytopathology and Plant Protection</i> , 2014, 47, 2141-2156.	1.3	11
12	Regrowing the damaged or lost body parts. <i>Current Opinion in Plant Biology</i> , 2020, 53, 117-127.	7.1	9
13	Efficacy of seed hydropriming with phytoextracts on plant growth promotion and antifungal activity in maize. <i>International Journal of Pest Management</i> , 2015, 61, 153-160.	1.8	6
14	Regulation of touch-stimulated de novo root regeneration from <i>Arabidopsis</i> leaves. <i>Plant Physiology</i> , 2021, 187, 52-58.	4.8	6
15	Genetic and chemotypic diversity of two lineages of <i>Aspergillus flavus</i> isolated from maize seeds of different agroclimatic niches of India. <i>Indian Phytopathology</i> , 2020, 73, 219-236.	1.2	2
16	Age, Wound Size and Position of Injury Dependent Vascular Regeneration Assay in Growing Leaves. <i>Bio-protocol</i> , 2021, 11, e4010.	0.4	1