Lalit Agrawal

List of Publications by Year
in descending order

19	819	623734	794594
papers	citations	14 h-index	19 g-index

19	19	19	1009
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comprehensive illustration of transcriptomic and proteomic dataset for mitigation of arsenic toxicity in rice (Oryza sativa L.) by microbial consortium. Data in Brief, 2022, 43, 108377.	1.0	1
2	Microbial consortium mediated growth promotion and Arsenic reduction in Rice: An integrated transcriptome and proteome profiling. Ecotoxicology and Environmental Safety, 2021, 228, 113004.	6.0	8
3	Revealing the complexity of protein abundance in chickpea root under drought-stress using a comparative proteomics approach. Plant Physiology and Biochemistry, 2020, 151, 88-102.	5.8	27
4	Transcriptome and proteome analyses reveal selenium mediated amelioration of arsenic toxicity in rice (Oryza sativa L.). Journal of Hazardous Materials, 2020, 390, 122122.	12.4	94
5	Transcriptional alterations reveal Bacillus amyloliquefaciens-rice cooperation under salt stress. Scientific Reports, 2019, 9, 11912.	3.3	84
6	Chlorella vulgaris and Pseudomonas putida interaction modulates phosphate trafficking for reduced arsenic uptake in rice (Oryza sativa L.). Journal of Hazardous Materials, 2018, 351, 177-187.	12.4	60
7	Study of biochemical and histopathological changes induced in the sweet pepper (Capsicum annuum L.) in response to Chilli leaf curl virus infection. Physiological and Molecular Plant Pathology, 2018, 104, 95-102.	2.5	5
8	Paenibacillus lentimorbus induces autophagy for protecting tomato from Sclerotium rolfsii infection. Microbiological Research, 2018, 215, 164-174.	5.3	19
9	Cultivar-specific high temperature stress responses in bread wheat (Triticum aestivum L.) associated with physicochemical traits and defense pathways. Food Chemistry, 2017, 221, 1077-1087.	8.2	37
10	Ageratum enation virus Infection Induces Programmed Cell Death and Alters Metabolite Biosynthesis in Papaver somniferum. Frontiers in Plant Science, 2017, 8, 1172.	3.6	16
11	Elucidation of Complex Nature of PEG Induced Drought-Stress Response in Rice Root Using Comparative Proteomics Approach. Frontiers in Plant Science, 2016, 7, 1466.	3.6	63
12	Ectopic expression of amaranth seed storage albumin modulates photoassimilate transport and nutrient acquisition in sweetpotato. Scientific Reports, 2016, 6, 25384.	3.3	13
13	Southern blight disease of tomato control by 1-aminocyclopropane-1-carboxylate (ACC) deaminase producingPaenibacillus lentimorbusB-30488. Plant Signaling and Behavior, 2016, 11, e1113363.	2.4	60
14	Paenibacillus lentimorbus Inoculation Enhances Tobacco Growth and Extenuates the Virulence of Cucumber mosaic virus. PLoS ONE, 2016, 11, e0149980.	2.5	75
15	Andrographis paniculata transcriptome provides molecular insights into tissue-specific accumulation of medicinal diterpenes. BMC Genomics, 2015, 16, 659.	2.8	66
16	Comparative Proteomics Reveals a Role for Seed Storage Protein AmA1 in Cellular Growth, Development, and Nutrient Accumulation. Journal of Proteome Research, 2013, 12, 4904-4930.	3.7	35
17	Genotype Independent Regeneration and Agrobacterium?mediated Genetic Transformation of Sweet Potato (Ipomoea batatas L.). Plant Tissue Culture and Biotechnology, 2013, 23, .	0.2	3
18	Next-generation protein-rich potato expressing the seed protein gene AmA1 is a result of proteome rebalancing in transgenic tuber. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17533-17538.	7.1	91

#	Article	IF	Citations
19	Comparative Proteomics of Tuber Induction, Development and Maturation Reveal the Complexity of Tuberization Process in Potato (Solanum tuberosum L.). Journal of Proteome Research, 2008, 7, 3803-3817.	3.7	62