

Lalit Agrawal

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

819
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1009
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Transcriptome and proteome analyses reveal selenium mediated amelioration of arsenic toxicity in rice (<i>Oryza sativa</i> L.). <i>Journal of Hazardous Materials</i> , 2020, 390, 122122. | 12.4 | 94 |
| 2 | Next-generation protein-rich potato expressing the seed protein gene <i>AmA1</i> is a result of proteome rebalancing in transgenic tuber. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17533-17538. | 7.1 | 91 |
| 3 | Transcriptional alterations reveal <i>Bacillus amyloliquefaciens</i> -rice cooperation under salt stress. <i>Scientific Reports</i> , 2019, 9, 11912. | 3.3 | 84 |
| 4 | <i>Paenibacillus lentimorbus</i> Inoculation Enhances Tobacco Growth and Extenuates the Virulence of Cucumber mosaic virus. <i>PLoS ONE</i> , 2016, 11, e0149980. | 2.5 | 75 |
| 5 | <i>Andrographis paniculata</i> transcriptome provides molecular insights into tissue-specific accumulation of medicinal diterpenes. <i>BMC Genomics</i> , 2015, 16, 659. | 2.8 | 66 |
| 6 | Elucidation of Complex Nature of PEG Induced Drought-Stress Response in Rice Root Using Comparative Proteomics Approach. <i>Frontiers in Plant Science</i> , 2016, 7, 1466. | 3.6 | 63 |
| 7 | Comparative Proteomics of Tuber Induction, Development and Maturation Reveal the Complexity of Tuberization Process in Potato (<i>Solanum tuberosum</i> L.). <i>Journal of Proteome Research</i> , 2008, 7, 3803-3817. | 3.7 | 62 |
| 8 | Southern blight disease of tomato control by 1-aminocyclopropane-1-carboxylate (ACC) deaminase producing <i>Paenibacillus lentimorbus</i> B-30488. <i>Plant Signaling and Behavior</i> , 2016, 11, e1113363. | 2.4 | 60 |
| 9 | <i>Chlorella vulgaris</i> and <i>Pseudomonas putida</i> interaction modulates phosphate trafficking for reduced arsenic uptake in rice (<i>Oryza sativa</i> L.). <i>Journal of Hazardous Materials</i> , 2018, 351, 177-187. | 12.4 | 60 |
| 10 | Cultivar-specific high temperature stress responses in bread wheat (<i>Triticum aestivum</i> L.) associated with physicochemical traits and defense pathways. <i>Food Chemistry</i> , 2017, 221, 1077-1087. | 8.2 | 37 |
| 11 | Comparative Proteomics Reveals a Role for Seed Storage Protein AmA1 in Cellular Growth, Development, and Nutrient Accumulation. <i>Journal of Proteome Research</i> , 2013, 12, 4904-4930. | 3.7 | 35 |
| 12 | Revealing the complexity of protein abundance in chickpea root under drought-stress using a comparative proteomics approach. <i>Plant Physiology and Biochemistry</i> , 2020, 151, 88-102. | 5.8 | 27 |
| 13 | <i>Paenibacillus lentimorbus</i> induces autophagy for protecting tomato from <i>Sclerotium rolfsii</i> infection. <i>Microbiological Research</i> , 2018, 215, 164-174. | 5.3 | 19 |
| 14 | <i>Ageratum enation</i> virus Infection Induces Programmed Cell Death and Alters Metabolite Biosynthesis in <i>Papaver somniferum</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1172. | 3.6 | 16 |
| 15 | Ectopic expression of amaranth seed storage albumin modulates photoassimilate transport and nutrient acquisition in sweetpotato. <i>Scientific Reports</i> , 2016, 6, 25384. | 3.3 | 13 |
| 16 | Microbial consortium mediated growth promotion and Arsenic reduction in Rice: An integrated transcriptome and proteome profiling. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113004. | 6.0 | 8 |
| 17 | Study of biochemical and histopathological changes induced in the sweet pepper (<i>Capsicum annuum</i> L.) in response to Chilli leaf curl virus infection. <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 95-102. | 2.5 | 5 |
| 18 | Genotype Independent Regeneration and <i>Agrobacterium</i> ?mediated Genetic Transformation of Sweet Potato (<i>Ipomoea batatas</i> L.). <i>Plant Tissue Culture and Biotechnology</i> , 2013, 23, . | 0.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Comprehensive illustration of transcriptomic and proteomic dataset for mitigation of arsenic toxicity in rice (<i>Oryza sativa</i> L.) by microbial consortium. <i>Data in Brief</i> , 2022, 43, 108377. | 1.0 | 1 |