

Gothandapani Sellamuthu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9741771/publications.pdf>

Version: 2024-02-01

18
papers

592
citations

1163117

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940533

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18
all docs

18
docs citations

18
times ranked

875
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | CRISPR for Crop Improvement: An Update Review. <i>Frontiers in Plant Science</i> , 2018, 9, 985. | 3.6 | 425 |
| 2 | An Environmentally Friendly Engineered <i>Azotobacter</i> Strain That Replaces a Substantial Amount of Urea Fertilizer while Sustaining the Same Wheat Yield. <i>Applied and Environmental Microbiology</i> , 2017, 83, . | 3.1 | 41 |
| 3 | To exclude or to accumulate? Revealing the role of the sodium HKT1;5 transporter in plant adaptive responses to varying soil salinity. <i>Plant Physiology and Biochemistry</i> , 2021, 169, 333-342. | 5.8 | 20 |
| 4 | Microhair on the adaxial leaf surface of salt secreting halophytic <i>Oryza coarctata</i> Roxb. show distinct morphotypes: Isolation for molecular and functional analysis. <i>Plant Science</i> , 2019, 285, 248-257. | 3.6 | 16 |
| 5 | Distinct Evolutionary Origins of Intron Retention Splicing Events in NHX1 Antiporter Transcripts Relate to Sequence Specific Distinctions in <i>Oryza</i> Species. <i>Frontiers in Plant Science</i> , 2020, 11, 267. | 3.6 | 16 |
| 6 | Evaluation of entomopathogenic fungus against <i>Alternaria porri</i> (Ellis) causing purple blotch disease of onion. <i>Archives of Phytopathology and Plant Protection</i> , 2015, 48, 135-144. | 1.3 | 12 |
| 7 | Unravelling the physiological basis of salinity stress tolerance in cultivated and wild rice species. <i>Functional Plant Biology</i> , 2022, 49, 351-364. | 2.1 | 12 |
| 8 | Reference Gene Selection for Normalizing Gene Expression in <i>Ips Sexdentatus</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T 752768. | 2.8 | 11 |
| 9 | ChDRIN1, a novel drought-induced gene of upland cotton (<i>Gossypium hirsutum</i> L.) confers abiotic and biotic stress tolerance in transgenic tobacco. <i>Biotechnology Letters</i> , 2015, 37, 907-919. | 2.2 | 8 |
| 10 | Comparative Analysis of Root Na ⁺ Relation under Salinity between <i>Oryza sativa</i> and <i>Oryza coarctata</i> . <i>Plants</i> , 2022, 11, 656. | 3.5 | 7 |
| 11 | A quick, easy and cost-effective in planta method to develop direct transformants in wheat. <i>3 Biotech</i> , 2019, 9, 180. | 2.2 | 6 |
| 12 | Identifying optimal reference genes for gene expression studies in Eurasian spruce bark beetle, <i>Ips typographus</i> (Coleoptera: Curculionidae: Scolytinae). <i>Scientific Reports</i> , 2022, 12, 4671. | 3.3 | 6 |
| 13 | Proto Kranz-like leaf traits and cellular ionic regulation are associated with salinity tolerance in a halophytic wild rice. <i>Stress Biology</i> , 2022, 2, 1. | 3.1 | 4 |
| 14 | Diversity of Sodium Transporter HKT1;5 in Genus <i>Oryza</i> . <i>Rice Science</i> , 2022, 29, 31-46. | 3.9 | 3 |
| 15 | Rifampicin Increases Expression of Plant Codon-Optimized <i>Bacillus thuringiensis</i> δ -Endotoxin Genes in <i>Escherichia coli</i> . <i>Protein Journal</i> , 2022, , 1. | 1.6 | 3 |
| 16 | Reduced apoplastic barriers in tissues of shoot-proximal rhizomes of <i>Oryza coarctata</i> are associated with Na ⁺ sequestration. <i>Journal of Experimental Botany</i> , 2022, 73, 998-1015. | 4.8 | 2 |
| 17 | Molecular Evolution of the Negative Regulatory Gene (NIFL) from <i>Azotobacter Chroococcum</i> and its Nitrogenase Activity. <i>Biosciences, Biotechnology Research Asia</i> , 2018, 15, 397-406. | 0.5 | 0 |
| 18 | Targeting delta-endotoxin (Cry1Ac) of <i>Bacillus thuringiensis</i> to subcellular compartments increases the protein expression, stability, and biological activity. <i>International Journal of Biological Macromolecules</i> , 2022, 205, 185-192. | 7.5 | 0 |