

Ram Chandra Choudhary

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,074
citations

1039406

9
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

1050
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Cu-chitosan nanoparticle boost defense responses and plant growth in maize (<i>Zea mays</i> L.). <i>Scientific Reports</i> , 2017, 7, 9754. | 1.6 | 235 |
| 2 | Cu-Chitosan Nanoparticle Mediated Sustainable Approach To Enhance Seedling Growth in Maize by Mobilizing Reserved Food. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6148-6155. | 2.4 | 192 |
| 3 | Engineered chitosan based nanomaterials: Bioactivities, mechanisms and perspectives in plant protection and growth. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 494-506. | 3.6 | 167 |
| 4 | Zinc encapsulated chitosan nanoparticle to promote maize crop yield. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 126-135. | 3.6 | 134 |
| 5 | Thymol nanoemulsion exhibits potential antibacterial activity against bacterial pustule disease and growth promotory effect on soybean. <i>Scientific Reports</i> , 2018, 8, 6650. | 1.6 | 115 |
| 6 | Salicylic acid functionalized chitosan nanoparticle: A sustainable biostimulant for plant. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 59-69. | 3.6 | 106 |
| 7 | Chitosan-silicon nanofertilizer to enhance plant growth and yield in maize (<i>Zea mays</i> L.). <i>Plant Physiology and Biochemistry</i> , 2021, 159, 53-66. | 2.8 | 78 |
| 8 | Synthesis, Characterization, and Application of Chitosan Nanomaterials Loaded with Zinc and Copper for Plant Growth and Protection. , 2017, , 227-247. | | 23 |
| 9 | Characterization Methods for Chitosan-Based Nanomaterials. <i>Nanotechnology in the Life Sciences</i> , 2019, , 103-116. | 0.4 | 12 |
| 10 | Zinc-functionalized thymol nanoemulsion for promoting soybean yield. <i>Plant Physiology and Biochemistry</i> , 2019, 145, 64-74. | 2.8 | 11 |
| 11 | SSR-Based Genetic Diversity Assessment Among Hexaploid Wheat (<i>Triticum aestivum</i> L.) Cultivars. <i>Indian Journal of Plant Genetic Resources</i> , 2016, 29, 137. | 0.1 | 1 |