

# Aradhana Mishra

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,564  
citations

430874

18  
h-index

454955

30  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1810  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Medicinal plants associated microflora as an unexplored niche of biopesticide. , 2022, , 247-259.  |     | 0         |
| 2  | Bacillus subtilis suppresses the charcoal rot disease by inducing defence responses and physiological attributes in soybean. Archives of Microbiology, 2022, 204, 266.   | 2.2 | 4         |
| 3  | Hybridization of Chitosan and Biosynthesized Silver Nanoparticles to Enhance Antimicrobial Activity against Phytopathogens in Tomato (<i>Solanum lycopersicum</i>). ACS Agricultural Science and Technology, 2022, 2, 719-733. | 2.3 | 6         |
| 4  | Interaction, fate and risks associated with nanomaterials as fertilizers and pesticides. , 2021, , 229-248.  |     | 2         |
| 5  | Isolation and characterization of endophytic fungi having plant growth promotion traits that biosynthesizes bacosides and withanolides under in vitro conditions. Brazilian Journal of Microbiology, 2021, 52, 1791-1805.      | 2.0 | 13        |
| 6  | Endophytic microbial interaction with legume crop for developing resistance against nutrient stress. , 2021, , 363-387.  |     | 2         |
| 7  | Microbial formulation approaches in postharvest disease management. , 2021, , 279-305.   |     | 2         |
| 8  | Comparative Study of the Development and Characterization of Ecofriendly Oil and Water Nanoemulsions for Improving Antifungal Activity. ACS Agricultural Science and Technology, 2021, 1, 640-654.                             | 2.3 | 9         |
| 9  | Omics-Based Mechanistic Insight Into the Role of Bioengineered Nanoparticles for Biotic Stress Amelioration by Modulating Plant Metabolic Pathways. Frontiers in Bioengineering and Biotechnology, 2020, 8, 242.               | 4.1 | 32        |
| 10 | Early blight disease management by herbal nanoemulsion in Solanum lycopersicum with bio-protective manner. Industrial Crops and Products, 2020, 150, 112421.   | 5.2 | 31        |
| 11 | Endophytic Phytobiomes as Defense Elicitors: Current Insights and Future Prospects. , 2020, , 299-334.   |     | 0         |
| 12 | Supplementation of Trichoderma improves the alteration of nutrient allocation and transporter genes expression in rice under nutrient deficiencies. Plant Physiology and Biochemistry, 2019, 143, 351-363.                     | 5.8 | 12        |
| 13 | Intervention of bio-protective endophyte Bacillus tequilensis enhance physiological strength of tomato during Fusarium wilt infection. Biological Control, 2019, 139, 104074.  | 3.0 | 29        |
| 14 | Biogenic silver nanoparticles as a more efficient contrivance for wound healing acceleration than common antiseptic medicine. FEMS Microbiology Letters, 2019, 366, .  | 1.8 | 9         |
| 15 | A Green Nano-Synthesis to Explore the Plant Microbe Interactions. , 2019, , 85-105.  |     | 11        |
| 16 | An insight into the mechanism of antifungal activity of biogenic nanoparticles than their chemical counterparts. Pesticide Biochemistry and Physiology, 2019, 157, 45-52.  | 3.6 | 77        |
| 17 | Green synthesis of biogenic silver particles, process parameter optimization and application as photocatalyst in dye degradation. SN Applied Sciences, 2019, 1, 1.   | 2.9 | 11        |
| 18 | External Supplement of Impulsive Micromanager Trichoderma Helps in Combating CO2 Stress in Rice Grown Under FACE. Plant Molecular Biology Reporter, 2019, 37, 1-13.  | 1.8 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | A novel <i>Trichoderma fusant</i> for enhancing nutritional value and defence activity in chickpea. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 411-422.  | 3.1 | 5         |
| 20 | Endophyte-Mediated Modulation of Defense-Related Genes and Systemic Resistance in <i>Withania somnifera</i> (L.) Dunal under <i>Alternaria alternata</i> Stress. <i>Applied and Environmental Microbiology</i> , 2018, 84, .  | 3.1 | 56        |
| 21 | Bacterial endophytes modulates the withanolide biosynthetic pathway and physiological performance in <i>Withania somnifera</i> under biotic stress. <i>Microbiological Research</i> , 2018, 212-213, 17-28.   | 5.3 | 32        |
| 22 | Arsenic tolerant <i>Trichoderma</i> sp. reduces arsenic induced stress in chickpea ( <i>Cicer arietinum</i> ). <i>Environmental Pollution</i> , 2017, 223, 137-145.   | 7.5 | 73        |
| 23 | Enhanced Cellular Internalization: A Bactericidal Mechanism More Relative to Biogenic Nanoparticles than Chemical Counterparts. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4519-4533.   | 8.0 | 62        |
| 24 | Effect of biosynthesized silver nanoparticles on native soil microflora via plant transport during plant-“pathogen”-nanoparticles interaction. <i>3 Biotech</i> , 2017, 7, 345.   | 2.2 | 11        |
| 25 | Protective role of biosynthesized silver nanoparticles against early blight disease in <i>Solanum lycopersicum</i> . <i>Plant Physiology and Biochemistry</i> , 2017, 121, 216-225.   | 5.8 | 80        |
| 26 | Finding a facile way for the bacterial DNA transformation by biosynthesized gold nanoparticles. <i>FEMS Microbiology Letters</i> , 2017, 364, .   | 1.8 | 12        |
| 27 | Tailoring shape and size of biogenic silver nanoparticles to enhance antimicrobial efficacy against MDR bacteria. <i>Microbial Pathogenesis</i> , 2017, 105, 346-355.   | 2.9 | 79        |
| 28 | A Comprehensive Characterization of Simple Sequence Repeats in the Sequenced <i>Trichoderma</i> Genomes Provides Valuable Resources for Marker Development. <i>Frontiers in Microbiology</i> , 2016, 7, 575.  | 3.5 | 25        |
| 29 | Physico-Chemical Condition Optimization during Biosynthesis lead to development of Improved and Catalytically Efficient Gold Nano Particles. <i>Scientific Reports</i> , 2016, 6, 27575.  | 3.3 | 105       |
| 30 | <i>Trichoderma</i> inoculation augments grain amino acids and mineral nutrients by modulating arsenic speciation and accumulation in chickpea ( <i>Cicer arietinum</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2015, 117, 72-80.                                       | 6.0 | 31        |
| 31 | Biocatalytic and antimicrobial activities of gold nanoparticles synthesized by <i>Trichoderma</i> sp.. <i>Bioresource Technology</i> , 2014, 166, 235-242.  | 9.6 | 209       |
| 32 | Plant growth-promoting bacteria <i>Bacillus amyloliquefaciens</i> NBRISN13 modulates gene expression profile of leaf and rhizosphere community in rice during salt stress. <i>Plant Physiology and Biochemistry</i> , 2013, 66, 1-9.  | 5.8 | 332       |
| 33 | Gene expression profiling through microarray analysis in <i>Arabidopsis thaliana</i> colonized by <i>Pseudomonas putida</i> MTCC5279, a plant growth promoting rhizobacterium. <i>Plant Signaling and Behavior</i> , 2012, 7, 235-245.  | 2.4 | 95        |
| 34 | <i>Paenibacillus lentimorbus</i> B-30488r controls early blight disease in tomato by inducing host resistance associated gene expression and inhibiting <i>Alternaria solani</i> . <i>Biological Control</i> , 2012, 62, 65-74.   | 3.0 | 57        |
| 35 | Functional diversity of the microbial community in the rhizosphere of chickpea grown in diesel fuel-spiked soil amended with <i>Trichoderma reesei</i> using sole-carbon-source utilization profiles. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1175-1180. | 3.6 | 42        |