

# Ram Singh Purty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9321117/publications.pdf>

Version: 2024-02-01

22  
papers

389  
citations

1163117

8  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

494  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Isolation, Characterization, and In Silico Interaction Studies of Bioactive Compounds from <i>Caesalpinia bonducella</i> with Target Proteins Involved in Alzheimer's Disease. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 2216-2234.               | 2.9 | 3         |
| 2  | Isolation of Cellulose-Degrading Bacteria and to Use Their Cellulolytic Potential for Production of Bioethanol from Paper Waste. <i>Lecture Notes in Bioengineering</i> , 2021, , 3-11.  | 0.4 | 0         |
| 3  | Nature of the tapetum-specific promoter is crucial for generation of rice transgenics possessing a lethal barnase gene. <i>Journal of Crop Science and Biotechnology</i> , 2021, 24, 579-587.  | 1.5 | 2         |
| 4  | Synthesis and Characterization of TiO <sub>2</sub> Nanoparticle and Checking Its Antimicrobial Activity Against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Lecture Notes in Bioengineering</i> , 2021, , 317-325.                               | 0.4 | 0         |
| 5  | Stress mitigation strategies of plant growth-promoting rhizobacteria: Plant growth-promoting rhizobacteria mechanisms. <i>Plant Science Today</i> , 2021, 8, 25-32.  | 0.7 | 5         |
| 6  | In silico identification and validation of miRNA and their DIR specific targets in <i>Oryza sativa Indica</i> under abiotic stress. <i>Non-coding RNA Research</i> , 2020, 5, 167-177.   | 4.6 | 21        |
| 7  | Genome-wide analysis of PHD finger gene family and identification of potential miRNA and their PHD finger gene specific targets in <i>Oryza sativa indica</i> . <i>Non-coding RNA Research</i> , 2020, 5, 191-200.   | 4.6 | 2         |
| 8  | Process Design For Removal of Heavy Metals By A Bio-sorbent Trickle Bed System: A Proof of Concept. <i>Journal of Physics: Conference Series</i> , 2020, 1531, 012119.   | 0.4 | 4         |
| 9  | Emperical Modeling of Growth Parameters in <i>Cellulosimicrobium cellulans</i> during Heavy Metal Tolerance. <i>Journal of Physics: Conference Series</i> , 2020, 1531, 012120.  | 0.4 | 4         |
| 10 | Downregulation of Candidate Gene Expression and Neuroprotection by Piperine in Streptozotocin-Induced Hyperglycemia and Memory Impairment in Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 595471.  | 3.5 | 12        |
| 11 | Assessment of Bioremediation Potential of <i>Cellulosimicrobium sp.</i> for Treatment of Multiple Heavy Metals. <i>Microbiology and Biotechnology Letters</i> , 2019, 47, 269-277.   | 0.4 | 14        |
| 12 | Comparative analysis of the <i>Agrobacterium</i> mediated transformation using primary and secondary callus of indica rice ( <i>Oryza sativa L.</i> ) using phosphinothricin as selecting medium. <i>Australian Journal of Crop Science</i> , 2018, 12, 1660-1667. | 0.3 | 2         |
| 13 | Structural and Expression Analysis of Salinity Stress Responsive Phosphoserine Phosphatase from <i>Brassica juncea (L.)</i> . <i>Journal of Proteomics and Bioinformatics</i> , 2017, 10, .  | 0.4 | 7         |
| 14 | Development of male sterile transgenic lines in rice by tapetum specific expression of <i>barnase</i> gene. <i>Journal of Plant Biotechnology</i> , 2017, 44, 364-371.   | 0.4 | 4         |
| 15 | Optimization of De Novo Short Read Assembly of Seabuckthorn ( <i>Hippophae rhamnoides L.</i> ) Transcriptome. <i>PLoS ONE</i> , 2013, 8, e72516.   | 2.5 | 36        |
| 16 | Maintenance of stress related transcripts in tolerant cultivar at a level higher than sensitive one appears to be a conserved salinity response among plants. <i>Plant Signaling and Behavior</i> , 2009, 4, 431-434.  | 2.4 | 15        |
| 17 | Physiological responses among Brassica species under salinity stress show strong correlation with transcript abundance for SOS pathway-related genes. <i>Journal of Plant Physiology</i> , 2009, 166, 507-520.   | 3.5 | 120       |
| 18 | Towards salinity tolerance in Brassica: an overview. <i>Physiology and Molecular Biology of Plants</i> , 2008, 14, 39-49.  | 3.1 | 81        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Transformation of tomato cultivar "Pusa Ruby"™ with bspA gene from Populus tremula for drought tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2006, 84, 56-68.               | 2.3 | 37        |
| 20 | Promoterless gus gene shows leaky $\beta$ -glucuronidase activity during transformation of tomato with bspA gene for drought tolerance. <i>Biologia Plantarum</i> , 2006, 50, 352-358. | 1.9 | 4         |
| 21 | Induction of a novel boiling stable protein in response to desiccation and ABA treatments in Sesbania sesban var. bicolor leaves. <i>Biologia Plantarum</i> , 2005, 49, 137-140.       | 1.9 | 7         |
| 22 | COVID-19 pandemic: Understanding the emergence, pathogenesis and containment (Review). <i>World Academy of Sciences Journal</i> , 0, , .   | 0.6 | 3         |