

# Pragati Kumari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1368270/publications.pdf>

Version: 2024-02-01

16  
papers

1,133  
citations

687363

13  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of silicon nanoparticles in agriculture. <i>3 Biotech</i> , 2019, 9, 90.	2.2	328
2	Phytohormone Priming: Regulator for Heavy Metal Stress in Plants. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 739-752.	5.1	282
3	Phyto-mediated synthesis of zinc oxide nanoparticles of <i>Berberis aristata</i> : Characterization, antioxidant activity and antibacterial activity with special reference to urinary tract pathogens. <i>Materials Science and Engineering C</i> , 2019, 102, 212-220.	7.3	128
4	Progress in understanding salt stress response in plants using biotechnological tools. <i>Journal of Biotechnology</i> , 2021, 329, 180-191.	3.8	82
5	Prospects of genetic engineering utilizing potential genes for regulating arsenic accumulation in plants. <i>Chemosphere</i> , 2018, 211, 397-406.	8.2	51
6	Does silicon really matter for the photosynthetic machinery in plants? <i>Plant Physiology and Biochemistry</i> , 2021, 169, 40-48.	5.8	46
7	Plant growth promoting <i>Pseudomonas aeruginosa</i> from <i>Valeriana wallichii</i> displays antagonistic potential against three phytopathogenic fungi. <i>Molecular Biology Reports</i> , 2020, 47, 6015-6026.	2.3	43
8	Silver Nanoparticle's Toxicological Effects and Phytoremediation. <i>Nanomaterials</i> , 2021, 11, 2164.	4.1	38
9	The role of potassium on drought resistance of winter wheat cultivars under cold dryland conditions: Probed by chlorophyll a fluorescence. <i>Plant Physiology and Biochemistry</i> , 2022, 182, 45-54.	5.8	25
10	Effects of Heat stress and molecular mitigation approaches in orphan legume, Chickpea. <i>Molecular Biology Reports</i> , 2020, 47, 4659-4670.	2.3	24
11	Pretreatment of seeds with thidiazuron delimits its negative effects on explants and promotes regeneration in chickpea ( <i>Cicer arietinum</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 133, 103-114.	2.3	23
12	Promising Roles of Alternative Medicine and Plant-Based Nanotechnology as Remedies for Urinary Tract Infections. <i>Molecules</i> , 2020, 25, 5593.	3.8	21
13	Evaluation of aflatoxin contamination in crude medicinal plants used for the preparation of herbal medicine. <i>Oriental Pharmacy and Experimental Medicine</i> , 2019, 19, 137-143.	1.2	13
14	Analysis of thermotolerance behaviour of five chickpea genotypes at early growth stages. <i>Revista Brasileira De Botanica</i> , 2018, 41, 551-565.	1.3	11
15	An Alternative Approach in Gateway® Cloning when the Bacterial Antibiotic Selection Cassettes of the Entry Clone and Destination Vector are the Same. <i>Molecular Biotechnology</i> , 2013, 54, 133-140.	2.4	10
16	Influence of different types of explants in chickpea regeneration using thidiazuron seed-priming. <i>Journal of Plant Research</i> , 2021, 134, 1149-1154.	2.4	8