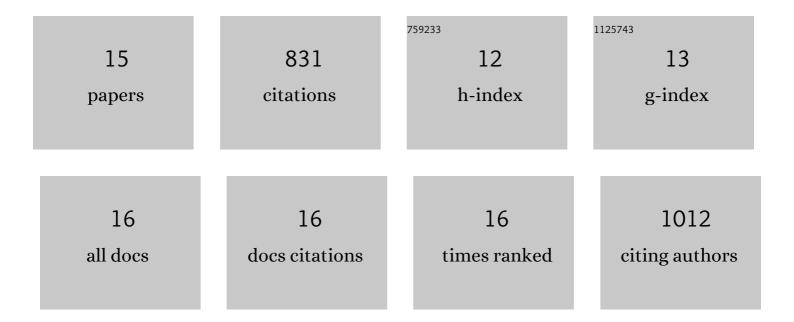
## Pradyumna Kumar Singh

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/385483/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Nitric oxide-mediated alleviation of arsenic stress involving metalloid detoxification and physiological responses in rice (Oryza sativa L.). Environmental Pollution, 2022, 297, 118694.	7.5	13
2	Genomic and proteomic responses to drought stress and biotechnological interventions for enhanced drought tolerance in plants. Current Plant Biology, 2022, 29, 100239.	4.7	24
3	Biomarkers of arsenic stress in plants. , 2022, , 245-270.		0
4	Root system architecture, physiological analysis and dynamic transcriptomics unravel the drought-responsive traits in rice genotypes. Ecotoxicology and Environmental Safety, 2021, 207, 111252.	6.0	39
5	Self-cleansing properties of Ganga during mass ritualistic bathing on Maha-Kumbh. Environmental Monitoring and Assessment, 2020, 192, 221.	2.7	16
6	Auxin-salicylic acid cross-talk ameliorates OsMYB–R1 mediated defense towards heavy metal, drought and fungal stress. Journal of Hazardous Materials, 2020, 399, 122811.	12.4	54
7	Recent advances in arsenic metabolism in plants: current status, challenges and highlighted biotechnological intervention to reduce grain arsenic in rice. Metallomics, 2019, 11, 519-532.	2.4	61
8	Drought Tolerance in Plants. , 2019, , 105-123.		19
9	Role of dehydrin-FK506-binding protein complex in enhancing drought tolerance through the ABA-mediated signaling pathway. Environmental and Experimental Botany, 2019, 158, 136-149.	4.2	34
10	A protective role for nitric oxide and salicylic acid for arsenite phytotoxicity in rice ( Oryza sativa L.). Plant Physiology and Biochemistry, 2017, 115, 163-173.	5.8	118
11	Nitric oxide mediated transcriptional modulation enhances plant adaptive responses to arsenic stress. Scientific Reports, 2017, 7, 3592.	3.3	87
12	Fly-ash augmented soil enhances heavy metal accumulation and phytotoxicity in rice (Oryza sativa L.); A concern for fly-ash amendments in agriculture sector. Plant Growth Regulation, 2016, 78, 21-30.	3.4	29
13	Sulfur mediated reduction of arsenic toxicity involves efficient thiol metabolism and the antioxidant defense system in rice. Journal of Hazardous Materials, 2015, 298, 241-251.	12.4	173
14	Selenium ameliorates arsenic induced oxidative stress through modulation of antioxidant enzymes and thiols in rice (Oryza sativa L.). Ecotoxicology, 2014, 23, 1153-1163.	2.4	102
15	Arsenite Tolerance is Related to Proportional Thiolic Metabolite Synthesis in Rice (Oryza sativa L.).	4.1	61