

# Arpan Mukherjee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7453772/publications.pdf>

Version: 2024-02-01

31  
papers

624  
citations

759190

12  
h-index

1058452

14  
g-index

32  
all docs

32  
docs citations

32  
times ranked

516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Salt-tolerant plant growth-promoting <i>Bacillus pumilus</i> strain JPVS11 to enhance plant growth attributes of rice and improve soil health under salinity stress. <i>Microbiological Research</i> , 2021, 242, 126616.	5.3	102
2	Global-level population genomics reveals differential effects of geography and phylogeny on horizontal gene transfer in soil bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15200-15209.	7.1	85
3	Seaweed extract: biostimulator of plant defense and plant productivity. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 553-558.	3.5	78
4	Yeast a potential bio-agent: future for plant growth and postharvest disease management for sustainable agriculture. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1497-1510.	3.6	65
5	Harnessing chickpea ( <i>Cicer arietinum</i> L.) seed endophytes for enhancing plant growth attributes and bio-controlling against <i>Fusarium</i> sp.. <i>Microbiological Research</i> , 2020, 237, 126469.	5.3	50
6	Phytomicrobiome for promoting sustainable agriculture and food security: Opportunities, challenges, and solutions. <i>Microbiological Research</i> , 2021, 248, 126763.	5.3	42
7	Advances and future prospects of pyrethroids: Toxicity and microbial degradation. <i>Science of the Total Environment</i> , 2022, 829, 154561.	8.0	27
8	The bioactive potential of phytohormones: A review. <i>Biotechnology Reports (Amsterdam,)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	4.4	26
9	Unlocking the potential plant growthâ€promoting properties of chickpea ( <i>Cicer arietinum</i> L.) seed endophytes bioâ€inoculants for improving soil health and crop production. <i>Land Degradation and Development</i> , 2021, 32, 4362-4374.	3.9	21
10	Restoration of degraded lands through bioenergy plantations. <i>Restoration Ecology</i> , 2020, 28, 263-266.	2.9	20
11	Nanoencapsulation-Based Edible Coating of Essential Oils as a Novel Green Strategy Against Fungal Spoilage, Mycotoxin Contamination, and Quality Deterioration of Stored Fruits: An Overview. <i>Frontiers in Microbiology</i> , 2021, 12, 768414.	3.5	20
12	Harnessing of phytomicrobiome for developing potential biostimulant consortium for enhancing the productivity of chickpea and soil health under sustainable agriculture. <i>Science of the Total Environment</i> , 2022, 836, 155550.	8.0	17
13	Re-vitalizing of endophytic microbes for soil health management and plant protection. <i>3 Biotech</i> , 2021, 11, 399.	2.2	12
14	Impact of agrochemical application in sustainable agriculture. , 2021, , 15-24.		12
15	Overview of nanomaterials synthesis methods, characterization techniques and effect on seed germination. , 2020, , 371-401.		10
16	Development of indigenous microbial consortium for biocontrol management. , 2021, , 91-104.		6
17	PGPM as a potential bioinoculant for enhancing crop productivity under sustainable agriculture. , 2021, , 221-237.		6
18	Trichoderma-mediated biocontrol and growth promotion in plants: an endophytic approach. , 2019, , 219-239.		5

#	ARTICLE	IF	CITATIONS
19	Secondary Metabolites from Cyanobacteria: A Potential Source for Plant Growth Promotion and Disease Management. , 2019, , 239-252.		4
20	Factors affecting the fate, transport, bioavailability and toxicity of nanoparticles in the agroecosystem.. , 2018, , 118-134.		3
21	Seaweed and Associated Products: Natural Biostimulant for Improvement of Plant Health. , 2021, , 317-330.		3
22	Environmental filtering controls soil biodiversity in wet tropical ecosystems. Soil Biology and Biochemistry, 2022, 166, 108571.	8.8	3
23	Plant-specific microbiome for environmental stress management: Issues and challenges. , 2021, , 69-89.		2
24	Arbuscular Mycorrhizal Colonization and Activation of Plant Defense Responses Against Phytopathogens. , 2019, , 219-240.		2
25	Plant growth promoting myco-stimulation for sustainable agriculture production under abiotic stress. , 2021, , 197-219.		1
26	Alpinia officinarum. , 2021, , 453-461.		1
27	Impact of Plant Growth-Promoting Microbes (PGPM) in Plant Disease Management by Inducing Non-enzymatic Antioxidants. , 2021, , 291-303.		1
28	Emerging approaches to manipulate the plant microbiome and implications. , 2021, , 63-68.		0
29	Fungi: A potential candidate for sustainable agriculture and agroecosystem. , 2021, , 159-164.		0
30	An Overview on Cotton Leaf Curl Disease: An Emerging Potential Threat to Cotton. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 2154-2162.	0.1	0
31	Host-Parasite Interaction during Development of Major Seed-Borne Bacterial Diseases. , 2020, , 245-264.		0