

# Ashutosh Awasthi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5139428/publications.pdf>

Version: 2024-02-01

20  
papers

880  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiversity acts as insurance of productivity of bacterial communities under abiotic perturbations. ISME Journal, 2014, 8, 2445-2452.	9.8	117
2	Synergistic effect of <i>Glomus mosseae</i> and nitrogen fixing <i>Bacillus subtilis</i> strain Daz26 on artemisinin content in <i>Artemisia annua</i> L.. Applied Soil Ecology, 2011, 49, 125-130.	4.3	107
3	Plant growth promoting rhizobacteria alleviate salinity induced negative effects on growth, oil content and physiological status in <i>Mentha arvensis</i> . Acta Physiologiae Plantarum, 2014, 36, 45-60.	2.1	105
4	In vitro Cr(VI) reduction by cell-free extracts of chromate-reducing bacteria isolated from tannery effluent irrigated soil. Environmental Science and Pollution Research, 2013, 20, 1661-1674.	5.3	70
5	Complementarity among plant growth promoting traits in rhizospheric bacterial communities promotes plant growth. Scientific Reports, 2015, 5, 15500.	3.3	56
6	Bacterial endophyte-mediated enhancement of in planta content of key terpenoid indole alkaloids and growth parameters of <i>Catharanthus roseus</i> . Industrial Crops and Products, 2013, 43, 306-310.	5.2	54
7	A Cr(VI)-reducing <i>Microbacterium</i> sp. strain SUCR140 enhances growth and yield of <i>Zea mays</i> in Cr(VI) amended soil through reduced chromium toxicity and improves colonization of arbuscular mycorrhizal fungi. Environmental Science and Pollution Research, 2014, 21, 1971-1979.	5.3	54
8	Natural compounds enhancing growth and survival of rhizobial inoculants in vermicompost-based formulations. Biology and Fertility of Soils, 2010, 46, 521-524.	4.3	50
9	Technology for efficient and successful delivery of vermicompost colonized bioinoculants in <i>Pogostemon cablin</i> (patchouli) Benth.. World Journal of Microbiology and Biotechnology, 2012, 28, 323-333.	3.6	47
10	Evaluating the potential of combined inoculation of <i>Trichoderma harzianum</i> and <i>Brevibacterium halotolerans</i> for increased growth and oil yield in <i>Mentha arvensis</i> under greenhouse and field conditions. Industrial Crops and Products, 2019, 131, 173-181.	5.2	34
11	A concept of diverse perennial cropping systems for integrated bioenergy production and ecological restoration of marginal lands in India. Ecological Engineering, 2017, 105, 58-65.	3.6	33
12	Evaluation of vermicompost doses for management of root-rot disease complex in <i>Coleus forskohlii</i> under organic field conditions. Australasian Plant Pathology, 2012, 41, 397-403.	1.0	29
13	Pretreatment of Cr(VI)-Amended Soil With Chromate-Reducing Rhizobacteria Decreases Plant Toxicity and Increases the Yield of <i>Pisum sativum</i> . Archives of Environmental Contamination and Toxicology, 2014, 66, 616-627.	4.1	28
14	Vulnerability of Soil Microbiome to Monocropping of Medicinal and Aromatic Plants and Its Restoration Through Intercropping and Organic Amendments. Frontiers in Microbiology, 2019, 10, 2604.	3.5	27
15	Enhancing artemisinin yields through an ecologically functional community of endophytes in <i>Artemisia annua</i> . Industrial Crops and Products, 2020, 150, 112375.	5.2	27
16	Biomass production from neglected and underutilized tall perennial grasses on marginal lands in India: a brief review. Energy, Ecology and Environment, 2018, 3, 207-215.	3.9	16
17	Designer ecosystems: A solution for the conservation-exploitation dilemma. Ecological Engineering, 2016, 93, 73-75.	3.6	11
18	Field-Specific Microbial Consortia Are Feasible: A Response to Kaminsky et al.. Trends in Biotechnology, 2019, 37, 569-572.	9.3	8

#	ARTICLE	IF	CITATIONS
19	Merging the margins for beneficial biofuels. , 2020, , 163-178.		5
20	A Reinterpretation of Hindu Spirituality for Addressing Environmental Problems. Religions, 2021, 12, 358.	0.6	2