

Amrik Singh Ahluwalia

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,491
citations

394421

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330143

37
g-index

48
all docs

48
docs citations

48
times ranked

1686
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoremediation Potential of Aquatic Macrophyte, Azolla. <i>Ambio</i> , 2012, 41, 122-137.	5.5	210
2	Microalgae: a promising tool for carbon sequestration. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2013, 18, 73-95.	2.1	174
3	Phycoremediation of wastewaters: a synergistic approach using microalgae for bioremediation and biomass generation. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1443-1460.	3.5	147
4	Evaluation of microalgal consortia for treatment of primary treated sewage effluent and biomass production. <i>Journal of Applied Phycology</i> , 2013, 25, 1529-1537.	2.8	140
5	Exploring the efficacy of wastewater-grown microalgal biomass as a biofertilizer for wheat. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6608-6620.	5.3	133
6	Plankton diversity and water quality assessment of three freshwater lakes of Mandi (Himachal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54. <i>Assessment</i> , 2013, 185, 8355-8373.	2.7	81
7	Allelopathy: Potential Role to Achieve New Milestones in Rice Cultivation. <i>Rice Science</i> , 2016, 23, 165-183.	3.9	54
8	NUTRIENT SEQUESTRATION, BIOMASS PRODUCTION BY MICROALGAE AND PHYTOREMEDIATION OF SEWAGE WATER. <i>International Journal of Phytoremediation</i> , 2013, 15, 789-800.	3.1	43
9	Wastewater grown microalgal biomass as inoculants for improving micronutrient availability in wheat. <i>Rhizosphere</i> , 2017, 3, 150-159.	3.0	42
10	Plant growth promoting soil microbiomes and their potential implications for agricultural and environmental sustainability. <i>Biologia (Poland)</i> , 2021, 76, 2687-2709.	1.5	34
11	Thermophysical and Spectroscopic Studies of Pure 1-Butyl-3-methylimidazolium Tetrafluoroborate and Its Aqueous Mixtures. <i>Journal of Solution Chemistry</i> , 2014, 43, 340-359.	1.2	31
12	Advanced Selection Methodologies for DNAzymes in Sensing and Healthcare Applications. <i>Trends in Biochemical Sciences</i> , 2019, 44, 190-213.	7.5	31
13	Influence of seasonal variation in water quality on the microalgal diversity of sewage wastewater. <i>South African Journal of Botany</i> , 2014, 90, 137-145.	2.5	28
14	Extraction, purification and characterisation of Phycocyanin from <i>Anabaena fertilissima</i> PUPCCC 410.5: as a natural and food grade stable pigment. <i>Journal of Applied Phycology</i> , 2019, 31, 1685-1696.	2.8	27
15	Phytoplankton dynamics and species diversity in a shallow eutrophic, natural mid-altitude lake in Himachal Pradesh (India): role of physicochemical factors. <i>Chemistry and Ecology</i> , 2014, 30, 328-338.	1.6	26
16	Cyanobacteria and agricultural crops. <i>Vegetos</i> , 2014, 27, 37.	1.5	26
17	Minerals solubilizing and mobilizing microbiomes: A sustainable approach for managing mineralsâ€™ deficiency in agricultural soil. <i>Journal of Applied Microbiology</i> , 2022, 133, 1245-1272.	3.1	24
18	Phytoplankton dynamics and water quality of Prashar Lake, Himachal Pradesh, India. <i>Sustainability of Water Quality and Ecology</i> , 2014, 3-4, 101-113.	2.0	23

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19	Assessment of water quality of river Sutlej, Punjab (India). Sustainable Water Resources Management, 2018, 4, 809-822.	2.1	23
20	Cyanobacteria as Potential Options for Wastewater Treatment. , 2015, , 83-93.		20
21	Thermophysical and spectroscopic studies of room temperature ionic liquid, 1-butyl-3-methylimidazolium hexafluorophosphate in Tritons. Journal of Chemical Thermodynamics, 2012, 50, 63-70.	2.0	18
22	Physiochemical Properties of New Formulations of 1-Ethyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide with Tritons. Journal of Chemical & Engineering Data, 2014, 59, 3988-3999.	1.9	17
23	Biochemical and proteomic analysis reveals oxidative stress tolerance strategies of <i>Scenedesmus abundans</i> against allelochemicals released by <i>Microcystis aeruginosa</i> . Algal Research, 2019, 41, 101525.	4.6	16
24	Adsorption of Orange-G dye by the Dried Powdered Biomass of <i>Chlorella vulgaris</i> Beijerinck. Current Science, 2019, 116, 604.	0.8	16
25	Soil and phytomicrobiomes for plant growth and soil fertility. Plant Science Today, 2021, 8, 1-5.	0.7	13
26	Structural and interactional behaviour of aqueous mixture of room temperature ionic liquid; 2-hydroxyethyl-trimethylammonium l-lactate. Journal of Chemical Thermodynamics, 2014, 76, 134-144.	2.0	12
27	Production of High-Quality Biodiesel by <i>Scenedesmus abundans</i> . , 2019, , 189-198.		10
28	Current prospects and future developments in algal bio-hydrogen production: a review. Biomass Conversion and Biorefinery, 2023, 13, 8575-8592.	4.6	10
29	Changes in ammonia-assimilation enzymes in response to different nitrate levels in <i>Azolla pinnata</i> and <i>A. microphylla</i> . Journal of Plant Physiology, 2001, 158, 899-903.	3.5	7
30	Cyanobacterial and Algal Allelopathy. , 2013, , 485-509.		7
31	Water Quality Assessment of Some Freshwater Bodies Supporting Vegetation in and Around Chandigarh (India), Using Multivariate Statistical Methods. Water Quality, Exposure, and Health, 2013, 5, 149-161.	1.5	7
32	Mapping "consistency"™ in India's climate change position: Dynamics and dilemmas of science diplomacy. Ambio, 2015, 44, 592-599.	5.5	6
33	Carbon Sequestration Potential of Macrophytes and Seasonal Carbon Input Assessment into the Hokersar Wetland, Kashmir. Wetlands, 2019, 39, 453-472.	1.5	6
34	Induction of Sporulation By Different Nitrogen Sources In <i>Anabaena naviculoides</i> , A Diazotrophic Strain Capable of Colonizing Paddy Field Soil of Punjab (India). Vegetos, 2013, 26, 283.	1.5	5
35	Angiosperm diversity in Doaba region of Punjab, India. Journal of Threatened Taxa, 2017, 9, 10551.	0.3	4
36	Chromatic adaptation and photoreversal in blue-green alga <i>Calothrix clavata</i> West. Journal of Biosciences, 1980, 2, 63-68.	1.1	3

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37	Cellular differentiation and nitrogenase activity in the cyanobacterium <i>Anabaena</i> . <i>Biologia Plantarum</i> , 1982, 24, 136-141.	1.9	3
38	Potential of Golden Brown Algae in Forensic Analysis: A Review. , 2021, , 353-373.		3
39	Mitigation of Heavy Metals Utilizing Algae and Its Subsequent Utilization for Sustainable Fuels. , 2021, , 41-62.		3
40	Heterocyst Formation in the Blue-green Alga <i>Anabaena doliolum</i> —A Study of Some Aspects of Photoregulation. <i>Annals of Botany</i> , 1978, 42, 1333-1341.	2.9	2
41	Indicators of phosphorus deficiency in <i>Azolla pinnata</i> (Salviniales, Pteridophyta). <i>Acta Botanica Hungarica</i> , 2005, 47, 197-205.	0.3	2
42	Efficacy of <i>Spirulina</i> as Hepatoprotectant: A Review. <i>Vegetos</i> , 2016, 29, 129.	1.5	2
43	Diatom Diversity: A Multifaceted Approach. <i>Vegetos</i> , 2016, 29, 114.	1.5	1
44	Is decline in stature related to physical activity? — The Case of farmers in Punjab State of North India. <i>Bioscience Hypotheses</i> , 2008, 1, 326-327.	0.2	0
45	Efficacy and Safety of <i>Spirulina</i> in Biomedical Field: Evidence Based Critical Appraisal.. <i>Vegetos</i> , 2014, 27, 104.	1.5	0
46	Toxicity of a rice field herbicide in some nitrogen-fixing algae. <i>Indian Journal of Environmental Health</i> , 2002, 44, 298-302.	0.0	0
47	Establishing the dominating behavior of an aquatic plant — <i>Najas marina</i> L.. <i>Vegetos</i> , 0, , .	1.5	0