Dheeraj Rathore

List of Publications by Year
in descending order

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33 papers	1,123 citations	516215 16 h-index	525886 27 g-index
35 all docs	35 docs citations	35 times ranked	1202 citing authors

#	Article	IF	Citations
1	Protective role of exogenously supplied salicylic acid and PGPB (Stenotrophomonas sp.) on spinach and soybean cultivars grown under salt stress. Scientia Horticulturae, 2022, 293, 110654.	1.7	36
2	Effects of ambient and elevated ozone on morphophysiology of cotton (Gossypium hirsutum L.) and its correlation with yield traits. Environmental Technology and Innovation, 2022, 25, 102146.	3.0	8
3	Monitoring of airborne heavy metal using plants: Perspective and challenges. , 2022, , 27-44.		0
4	Agricultural Waste Valorization: An Energy Production Perspective. Environmental and Microbial Biotechnology, 2021, , 249-260.	0.4	2
5	Effects of tropospheric ozone on groundnut (Arachis hypogea L.) cultivars: Role of plant age and antioxidative potential. Atmospheric Pollution Research, 2021, 12, 381-395.	1.8	11
6	Assessment of doseâ€“response relationship between ozone dose and groundnut (Arachis hypogaea L) cultivars using Open Top Chamber (OTC) and Ethylenediurea (EDU). Environmental Technology and Innovation, 2021, 22, 101494.	3.0	14
7	Effects of Fertilization with Textile Effluent on Germination, Growth and Metabolites of Chilli (Capsicum annum L) Cultivars. Environmental Processes, 2021, 8, 1249-1266.	1.7	7
8	Assessment of ozone toxicity on cotton (Gossypium hirsutum L.) cultivars: Its defensive system and intraspecific sensitivity. Plant Physiology and Biochemistry, 2021, 166, 912-927.	2.8	11
9	Analysis of biosurfactants produced by bacteria growing on textile sludge and their toxicity evaluation for environmental application. Journal of Dispersion Science and Technology, 2020, 41, 510-522.	1.3	13
10	Role of textile effluent fertilization with biosurfactant to sustain soil quality and nutrient availability. Journal of Environmental Management, 2020, 268, 110664.	3.8	19
11	Relative effectiveness of ethylenediurea, phenyl urea, ascorbic acid and urea in preventing groundnut (Arachis hypogaea L) crop from ground level ozone. Environmental Technology and Innovation, 2020, 19, 100963.	3.0	21
12	Sustainable utilization of crop residues for energy generation: A life cycle assessment (LCA) perspective. Bioresource Technology, 2020, 303, 122964.	4.8	132
13	Role of transitory starch on growth, development and metal accumulation of Triticum aestivum cultivars grown under textile effluent fertilization. Environmental Science and Pollution Research, 2020, 27, 24201-24217.	2.7	6
14	Perspectives of Environmental Microbiology and Biotechnology. , 2020, , 1-16.		0
15	Dust pollution: Its removal and effect on foliage physiology of urban trees. Sustainable Cities and Society, 2019, 51, 101696.	5.1	66
16	Impact assessment of azulene and chromium on growth and metabolites of wheat and chilli cultivars under biosurfactant augmentation. Ecotoxicology and Environmental Safety, 2019, 186, 109789.	2.9	26
17	Ozone risk assessment of castor (Ricinus communis L.) cultivars using open top chamber and ethylenediurea (EDU). Environmental Pollution, 2019, 244, 257-269.	3.7	38
18	Sustainability of biohydrogen as fuel: Present scenario and future perspective. AIMS Energy, 2019, 7, 1-19.	1.1	33

#	Article	IF	Citations
19	Oxidative stress defence responses of wheat (Triticum aestivum L.) and chilli (Capsicum annum L.) cultivars grown under textile effluent fertilization. Plant Physiology and Biochemistry, 2018, 123, 342-358.	2.8	24
20	Suspended particulate matter deposition and its impact on urban trees. Atmospheric Pollution Research, 2018, 9, 1072-1082.	1.8	62
21	Biosurfactants as a Biological Tool to Increase Micronutrient Availability in Soil: A Review. Pedosphere, 2018, 28, 170-189.	2.1	62
22	Biohydrogen Production: Sustainability of Current Technology and Future Perspective. , 2017, , .		14
23	Biohydrogen: Next Generation Fuel. , 2017, , 1-10.		4
24	Biohydrogen: Global Trend and Future Perspective. , 2017, , 291-315.		1
25	Key issues in estimating energy and greenhouse gas savings of biofuels: challenges and perspectives. Biofuel Research Journal, 2016, 3, 380-393.	7.2	127
26	Biohydrogen Production from Lignocellulosic Biomass: Technology and Sustainability. Energies, 2015, 8, 13062-13080.	1.6	114
27	Biohydrogen Production from Microalgae. , 2013, , 317-333.		13
28	A Comparison of Life Cycle Assessment Studies of Different Biofuels. Green Energy and Technology, 2013, , 269-289.	0.4	9
29	Changes in oxidative stress defense system in wheat (Triticum aestivum L.) and mung bean (Vigna) Tj ETQq1 1 0.784314 rgBT /Overlock ultraviolet-B. Environmental and Experimental Botany, 2007, 59, 21-33.	2.0	129
30	Combined effects of enhanced ultraviolet-B radiation and mineral nutrients on growth, biomass accumulation and yield characteristics of two cultivars of Vigna radiata L. Journal of Environmental Biology, 2006, 27, 55-60.	0.2	19
31	Role of ethylene diurea (EDU) in assessing impact of ozone on Vigna radiata L. plants in a suburban area of Allahabad (India). Chemosphere, 2005, 61, 218-228.	4.2	65
32	Amelioration of Indian urban air pollution phytotoxicity in Beta vulgaris L. by modifying NPK nutrients. Environmental Pollution, 2005, 134, 385-395.	3.7	30
33	Growth Responses of Wheat (Triticum aestivumL. var. HD 2329) Exposed to Ambient Air Pollution under Varying Fertility Regimes. Scientific World Journal, The, 2003, 3, 799-810.	0.8	7