

Vaibhav Srivastava

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

541
citations

13
h-index

23
g-index

28
ext. papers

782
ext. citations

6.9
avg, IF

4.55
L-index

#	Paper	IF	Citations
25	Explicating the fertilizer potential of anaerobic digestate: Effect on soil nutrient profile and growth of <i>Solanum melongena</i> L.. <i>Environmental Technology and Innovation</i> , 2022 , 27, 102471	7	2
24	Metabarcoding analysis of the bacterial succession during vermicomposting of municipal solid waste employing the earthworm <i>Eisenia fetida</i> . <i>Science of the Total Environment</i> , 2021 , 766, 144389	10.2	12
23	Potential risk assessment of soil salinity to agroecosystem sustainability: Current status and management strategies. <i>Science of the Total Environment</i> , 2021 , 764, 144164	10.2	31
22	Imprints of Lockdown and Treatment Processes on the Wastewater Surveillance of SARS-CoV-2: A Curious Case of Fourteen Plants in Northern India. <i>Water (Switzerland)</i> , 2021 , 13, 2265	3	6
21	Antidrug resistance in the Indian ambient waters of Ahmedabad during the COVID-19 pandemic. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126125	12.8	13
20	Impact of cadmium pollution on food safety and human health. <i>Current Opinion in Toxicology</i> , 2021 , 27, 1-7	4.4	27
19	Wastewater surveillance-based city zonation for effective COVID-19 pandemic preparedness powered by early warning: A perspectives of temporal variations in SARS-CoV-2-RNA in Ahmedabad, India. <i>Science of the Total Environment</i> , 2021 , 792, 148367	10.2	15
18	Reflections of COVID-19 cases in the wastewater loading of SARS-CoV-2 RNA: A case of three major cities of Gujarat, India. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021 , 4, 100115	7.5	3
17	Spectre of SARS-CoV-2 RNA in the ambient urban waters of Ahmedabad and Guwahati: A tale of two Indian cities. <i>Environmental Research</i> , 2021 , 204, 112067	7.9	2
16	An insight to municipal solid waste management of Varanasi city, India, and appraisal of vermicomposting as its efficient management approach. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 191	3.1	23
15	Energy and nutrient recovery from agro-wastes: Rethinking their potential possibilities. <i>Environmental Engineering Research</i> , 2020 , 25, 623-637	3.6	13
14	Analysis and advanced characterization of municipal solid waste vermicompost maturity for a green environment. <i>Journal of Environmental Management</i> , 2020 , 255, 109914	7.9	36
13	Nutrient recovery from municipal waste stream: status and prospects 2020 , 265-297		1
12	Municipal Solid Waste Management in India: Present Status and Energy Conversion Opportunities 2019 , 277-304		
11	Energy recovery potential and environmental impact of gasification for municipal solid waste. <i>Biofuels</i> , 2019 , 10, 87-100	2	36
10	An Insight to Atmospheric Pollution- Improper Waste Management and Climate Change Nexus 2018 , 23-47		5
9	Biochemical, physiological, and yield responses of ladyfinger (<i>Abelmoschus esculentus</i> L.) grown on varying ratios of municipal solid waste vermicompost. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2018 , 7, 241-250	3.1	17

8	Agroecological Responses of Heavy Metal Pollution with Special Emphasis on Soil Health and Plant Performances. <i>Frontiers in Environmental Science</i> , 2017 , 5,	4.8	111
7	The Potential of Bioenergy Production from Marginalised Lands and Its Effect on Climate Change. <i>Climate Change and Environmental Sustainability</i> , 2016 , 4, 7	1	3
6	Exploring untapped energy potential of urban solid waste. <i>Energy, Ecology and Environment</i> , 2016 , 1, 323-342	3.5	26
5	Biological response of using municipal solid waste compost in agriculture as fertilizer supplement. <i>Reviews in Environmental Science and Biotechnology</i> , 2016 , 15, 677-696	13.9	48
4	Urban solid waste management in the developing world with emphasis on India: challenges and opportunities. <i>Reviews in Environmental Science and Biotechnology</i> , 2015 , 14, 317-337	13.9	100
3	First wastewater surveillance-based city zonation for effective COVID-19 pandemic preparedness powered by early warning: A study of Ahmedabad, India		1
2	Comparative analysis of SARS-CoV-2 RNA load in wastewater from three different cities of Gujarat, India		2
1	First detection of SARS-CoV-2 Delta variant (B.1.617.2) in the wastewater of (Ahmedabad), India		6