Vaibhav Srivastava

List of Publications by Citations

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	Agroecological Responses of Heavy Metal Pollution with Special Emphasis on Soil Health and Plant Performances. *Frontiers in Environmental Science*, **2017**, 5,	4.8	111
24	Urban solid waste management in the developing world with emphasis on India: challenges and opportunities. *Reviews in Environmental Science and Biotechnology*, **2015**, 14, 317-337	13.9	100
23	Biological response of using municipal solid waste compost in agriculture as fertilizer supplement. *Reviews in Environmental Science and Biotechnology*, **2016**, 15, 677-696	13.9	48
22	Analysis and advanced characterization of municipal solid waste vermicompost maturity for a green environment. *Journal of Environmental Management*, **2020**, 255, 109914	7.9	36
21	Energy recovery potential and environmental impact of gasification for municipal solid waste. *Biofuels*, **2019**, 10, 87-100	2	36
20	Potential risk assessment of soil salinity to agroecosystem sustainability: Current status and management strategies. *Science of the Total Environment*, **2021**, 764, 144164	10.2	31
19	Impact of cadmium pollution on food safety and human health. *Current Opinion in Toxicology*, **2021**, 27, 1-7	4.4	27
18	Exploring untapped energy potential of urban solid waste. *Energy, Ecology and Environment*, **2016**, 1, 323-342	3.5	26
17	An insight to municipal solid waste management of Varanasi city, India, and appraisal of vermicomposting as its efficient management approach. *Environmental Monitoring and Assessment*, **2020**, 192, 191	3.1	23
16	Biochemical, physiological, and yield responses of lady finger (Abelmoschus esculentus L.) grown on varying ratios of municipal solid waste vermicompost. *International Journal of Recycling of Organic Waste in Agriculture*, **2018**, 7, 241-250	3.1	17
15	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. *Science of the Total Environment*, **2021**, 792, 148367	10.2	15
14	Energy and nutrient recovery from agro-wastes: Rethinking their potential possibilities. *Environmental Engineering Research*, **2020**, 25, 623-637	3.6	13
13	Antidrug resistance in the Indian ambient waters of Ahmedabad during the COVID-19 pandemic. *Journal of Hazardous Materials*, **2021**, 416, 126125	12.8	13
12	Metabarcoding analysis of the bacterial succession during vermicomposting of municipal solid waste employing the earthworm Eisenia fetida. *Science of the Total Environment*, **2021**, 766, 144389	10.2	12
11	First detection of SARS-CoV-2 Delta variant (B.1.617.2) in the wastewater of (Ahmedabad), India		6
10	Imprints of Lockdown and Treatment Processes on the Wastewater Surveillance of SARS-CoV-2: A Curious Case of Fourteen Plants in Northern India. *Water (Switzerland)*, **2021**, 13, 2265	3	6
9	An Insight to Atmospheric Pollution- Improper Waste Management and Climate Change Nexus **2018**, 23-47		5

List of Publications

8	The Potential of Bioenergy Production from Marginalised Lands and Its Effect on Climate Change. *Climate Change and Environmental Sustainability*, **2016**, 4, 7	1	3
7	Reflections of COVID-19 cases in the wastewater loading of SARS-CoV-2 RNA: A case of three major cities of Gujarat, India. *Case Studies in Chemical and Environmental Engineering*, **2021**, 4, 100115	7.5	3
6	Comparative analysis of SARS-CoV-2 RNA load in wastewater from three different cities of Gujarat, India		2
5	Spectre of SARS-CoV-2 RNA in the ambient urban waters of Ahmedabad and Guwahati: A tale of two Indian cities. *Environmental Research*, **2021**, 204, 112067	7.9	2
4	Explicating the fertilizer potential of anaerobic digestate: Effect on soil nutrient profile and growth of Solanum melongena L.. *Environmental Technology and Innovation*, **2022**, 27, 102471	7	2
3	Nutrient recovery from municipal waste stream: status and prospects **2020**, 265-297		1
2	First wastewater surveillance-based city zonation for effective COVID-19 pandemic preparedness powered by early warning: A study of Ahmedabad, India		1
1	Municipal Solid Waste Management in India: Present Status and Energy Conversion Opportunities **2019**, 277-304		