Srinivasan Balachandran

List of Publications by Citations

27 papers	920 citations	15 h-index	30 g-index
30 ext. papers	1,058 ext. citations	6.3 avg, IF	4.32 L-index

#	Paper	IF	Citations
27	Spatial and temporal variation of BTEX in the urban atmosphere of Delhi, India. *Science of the Total Environment*, **2008**, 392, 30-40	10.2	171
26	Spatial and temporal variation of heavy metals in atmospheric aerosol of Delhi. *Environmental Monitoring and Assessment*, **2004**, 90, 1-21	3.1	115
25	Particle size distribution and its elemental composition in the ambient air of Delhi. *Environment International*, **2000**, 26, 49-54	12.9	112
24	Bioavailability and health risk of some potentially toxic elements (Cd, Cu, Pb and Zn) in street dust of Asansol, India. *Ecotoxicology and Environmental Safety*, **2017**, 138, 231-241	7	109
23	Exposure and cancer risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the street dust of Asansol city, India. *Sustainable Cities and Society*, **2018**, 38, 616-626	10.1	58
22	Biogas production from locally available aquatic weeds of Santiniketan through anaerobic digestion. *Clean Technologies and Environmental Policy*, **2015**, 17, 1681-1688	4.3	49
21	Tracing source, distribution and health risk of potentially harmful elements (PHEs) in street dust of Durgapur, India. *Ecotoxicology and Environmental Safety*, **2018**, 154, 280-293	7	44
20	Chemical characterization and source apportionment of aerosol over mid Brahmaputra Valley, India. *Environmental Pollution*, **2018**, 234, 997-1010	9.3	39
19	Sources of polycyclic aromatic hydrocarbons in sediments of the Bharalu River, a tributary of the River Brahmaputra in Guwahati, India. *Ecotoxicology and Environmental Safety*, **2015**, 122, 61-7	7	33
18	Influence of volatile fatty acids in different inoculum to substrate ratio and enhancement of biogas production using water hyacinth and salvinia. *Bioresource Technology*, **2018**, 270, 409-415	11	26
17	Occurrence of acid rain over Delhi. *Environmental Monitoring and Assessment*, **2001**, 71, 165-76	3.1	23
16	Profile of PAH in the exhaust of gasoline driven vehicles in Delhi. *Environmental Monitoring and Assessment*, **2005**, 110, 217-25	3.1	22
15	Temporal variability of benzene concentration in the ambient air of Delhi: a comparative assessment of pre- and post-CNG periods. *Journal of Hazardous Materials*, **2008**, 154, 1013-8	12.8	20
14	Effect of scopoletin on monoamine oxidases and brain amines. *Neurochemistry International*, **2016**, 93, 113-7	4.4	19
13	In vitro callus culture of Heliotropium indicum Linn. for assessment of total phenolic and flavonoid content and antioxidant activity. *Applied Biochemistry and Biotechnology*, **2014**, 174, 2897-909	3.2	15
12	Profile of PAHs in the diesel vehicle exhaust in Delhi. *Environmental Monitoring and Assessment*, **2005**, 105, 411-7	3.1	13
11	Elucidating the distribution and sources of street dust bound PAHs in Durgapur, India: A probabilistic health risk assessment study by Monte-Carlo simulation. *Environmental Pollution*, **2020**, 267, 115669	9.3	13

List of Publications

10	Optimization of growth determinants of a potent cellulolytic bacterium isolated from lignocellulosic biomass for enhancing biogas production. *Clean Technologies and Environmental Policy*, **2016**, 18, 1565-1583	4.3	12
9	Characterisation of Indoor PM10 in Residential Areas of Delhi. *Indoor and Built Environment*, **2004**, 13, 139-147	1.8	9
8	Monitoring and Risk Analysis of PAHs in the Environment **2018**, 1-35		4
7	Oral bioaccessibility of potentially toxic elements (PTEs) and related health risk in urban playground soil from a medieval bell metal industrial town Khagra, India. *Environmental Geochemistry and Health*, **2020**, 1	4.7	4
6	Chemical Speciation and Mobility of Some Trace Elements in Vermicomposted Fly Ash. *Soil and Sediment Contamination*, **2014**, 23, 917-931	3.2	3
5	Insect gut bacteria: a promising tool for enhanced biogas production. *Reviews in Environmental Science and Biotechnology*, **2022**, 21, 1-25	13.9	2
4	Enhanced biogas production from Lantana camara via bioaugmentation of cellulolytic bacteria. *Bioresource Technology*, **2021**, 340, 125652	11	2
3	State of the Art Research on Sustainable Use of Water Hyacinth: A Bibliometric and Text Mining Analysis. *Informatics*, **2021**, 8, 38	2.2	1
2	Consumption of Pila globosa (Swainson) collected from organophosphate applied paddy fields: human health risks.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
1	Particulate matter exposure in biomass-burning homes of different communities of Brahmaputra Valley. *Environmental Monitoring and Assessment*, **2021**, 193, 856	3.1	0