

Srinivasan Balachandran

List of Publications by Year in Descending Order

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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.

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	Consumption of Pila globosa (Swainson) collected from organophosphate applied paddy fields: human health risks.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
26	Insect gut bacteria: a promising tool for enhanced biogas production. <i>Reviews in Environmental Science and Biotechnology</i> , 2022 , 21, 1-25	13.9	2
25	Particulate matter exposure in biomass-burning homes of different communities of Brahmaputra Valley. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 856	3.1	0
24	State of the Art Research on Sustainable Use of Water Hyacinth: A Bibliometric and Text Mining Analysis. <i>Informatics</i> , 2021 , 8, 38	2.2	1
23	Enhanced biogas production from Lantana camara via bioaugmentation of cellulolytic bacteria. <i>Bioresource Technology</i> , 2021 , 340, 125652	11	2
22	Elucidating the distribution and sources of street dust bound PAHs in Durgapur, India: A probabilistic health risk assessment study by Monte-Carlo simulation. <i>Environmental Pollution</i> , 2020 , 267, 115669	9.3	13
21	Oral bioaccessibility of potentially toxic elements (PTEs) and related health risk in urban playground soil from a medieval bell metal industrial town Khagra, India. <i>Environmental Geochemistry and Health</i> , 2020 , 1	4.7	4
20	Tracing source, distribution and health risk of potentially harmful elements (PHEs) in street dust of Durgapur, India. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 154, 280-293	7	44
19	Exposure and cancer risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the street dust of Asansol city, India. <i>Sustainable Cities and Society</i> , 2018 , 38, 616-626	10.1	58
18	Chemical characterization and source apportionment of aerosol over mid Brahmaputra Valley, India. <i>Environmental Pollution</i> , 2018 , 234, 997-1010	9.3	39
17	Monitoring and Risk Analysis of PAHs in the Environment 2018 , 1-35		4
16	Influence of volatile fatty acids in different inoculum to substrate ratio and enhancement of biogas production using water hyacinth and salvinia. <i>Bioresource Technology</i> , 2018 , 270, 409-415	11	26
15	Bioavailability and health risk of some potentially toxic elements (Cd, Cu, Pb and Zn) in street dust of Asansol, India. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 138, 231-241	7	109
14	Effect of scopoletin on monoamine oxidases and brain amines. <i>Neurochemistry International</i> , 2016 , 93, 113-7	4.4	19
13	Optimization of growth determinants of a potent cellulolytic bacterium isolated from lignocellulosic biomass for enhancing biogas production. <i>Clean Technologies and Environmental Policy</i> , 2016 , 18, 1565-1583	4.3	12
12	Biogas production from locally available aquatic weeds of Santiniketan through anaerobic digestion. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 1681-1688	4.3	49
11	Sources of polycyclic aromatic hydrocarbons in sediments of the Bharalu River, a tributary of the River Brahmaputra in Guwahati, India. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 122, 61-7	7	33

10	In vitro callus culture of <i>Heliotropium indicum</i> Linn. for assessment of total phenolic and flavonoid content and antioxidant activity. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 2897-909	3.2	15
9	Chemical Speciation and Mobility of Some Trace Elements in Vermicomposted Fly Ash. <i>Soil and Sediment Contamination</i> , 2014 , 23, 917-931	3.2	3
8	Spatial and temporal variation of BTEX in the urban atmosphere of Delhi, India. <i>Science of the Total Environment</i> , 2008 , 392, 30-40	10.2	171
7	Temporal variability of benzene concentration in the ambient air of Delhi: a comparative assessment of pre- and post-CNG periods. <i>Journal of Hazardous Materials</i> , 2008 , 154, 1013-8	12.8	20
6	Profile of PAHs in the diesel vehicle exhaust in Delhi. <i>Environmental Monitoring and Assessment</i> , 2005 , 105, 411-7	3.1	13
5	Profile of PAH in the exhaust of gasoline driven vehicles in Delhi. <i>Environmental Monitoring and Assessment</i> , 2005 , 110, 217-25	3.1	22
4	Characterisation of Indoor PM10 in Residential Areas of Delhi. <i>Indoor and Built Environment</i> , 2004 , 13, 139-147	1.8	9
3	Spatial and temporal variation of heavy metals in atmospheric aerosol of Delhi. <i>Environmental Monitoring and Assessment</i> , 2004 , 90, 1-21	3.1	115
2	Occurrence of acid rain over Delhi. <i>Environmental Monitoring and Assessment</i> , 2001 , 71, 165-76	3.1	23
1	Particle size distribution and its elemental composition in the ambient air of Delhi. <i>Environment International</i> , 2000 , 26, 49-54	12.9	112