

Syed Ali Musstjab Akber Shah Eqani

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,055
citations

279798

23
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

2820
citing authors

#	ARTICLE	IF	CITATIONS
1	Human exposure to toxic metals via contaminated dust: Bio-accumulation trends and their potential risk estimation. <i>Chemosphere</i> , 2015, 132, 142-151.	8.2	213
2	Extensive arsenic contamination in high-pH unconfined aquifers in the Indus Valley. <i>Science Advances</i> , 2017, 3, e1700935.	10.3	178
3	Avian feathers as a non-destructive bio-monitoring tool of trace metals signatures: A case study from severely contaminated areas. <i>Chemosphere</i> , 2015, 119, 553-561.	8.2	139
4	Geo-accumulation and enrichment of trace metals in sediments and their associated risks in the Chenab River, Pakistan. <i>Journal of Geochemical Exploration</i> , 2016, 165, 62-70.	3.2	108
5	Brominated and organophosphate flame retardants in indoor dust of Jeddah, Kingdom of Saudi Arabia: Implications for human exposure. <i>Science of the Total Environment</i> , 2016, 569-570, 269-277.	8.0	107
6	Bioaccumulation of nickel by <i>E. sativa</i> and role of plant growth promoting rhizobacteria (PGPRs) under nickel stress. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 256-263.	6.0	93
7	Mapping human health risks from exposure to trace metal contamination of drinking water sources in Pakistan. <i>Science of the Total Environment</i> , 2015, 538, 306-316.	8.0	87
8	Effect of plant growth-promoting rhizobacteria inoculation on cadmium (Cd) uptake by <i>Eruca sativa</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 9275-9283.	5.3	86
9	Human exposure to trace metals and arsenic via consumption of fish from river Chenab, Pakistan and associated health risks. <i>Chemosphere</i> , 2017, 168, 1004-1012.	8.2	85
10	Organohalogenated contaminants (OHCs) in the serum and hair of pet cats and dogs: Biosentinels of indoor pollution. <i>Science of the Total Environment</i> , 2013, 449, 29-36.	8.0	84
11	Polycyclic aromatic hydrocarbons (PAHs) in indoor dust samples from Cities of Jeddah and Kuwait: Levels, sources and non-dietary human exposure. <i>Science of the Total Environment</i> , 2016, 573, 1607-1614.	8.0	77
12	Spatial distribution of dust-bound trace elements in Pakistan and their implications for human exposure. <i>Environmental Pollution</i> , 2016, 213, 213-222.	7.5	69
13	Currently used organophosphate and brominated flame retardants in the environment of China and other developing countries (2000-2016). <i>Environmental Science and Pollution Research</i> , 2017, 24, 18721-18741.	5.3	63
14	Quality of tube well water intended for irrigation and human consumption with special emphasis on arsenic contamination at the area of Punjab, Pakistan. <i>Environmental Geochemistry and Health</i> , 2017, 39, 847-863.	3.4	56
15	Toxic metals signature in the human seminal plasma of Pakistani population and their potential role in male infertility. <i>Environmental Geochemistry and Health</i> , 2015, 37, 515-527.	3.4	51
16	Arsenic activates the expression of 3HSD in mouse Leydig cells through repression of histone H3K9 methylation. <i>Toxicology and Applied Pharmacology</i> , 2017, 326, 7-14.	2.8	48
17	Human lead (Pb) exposure via dust from different land use settings of Pakistan: A case study from two urban mountainous cities. <i>Chemosphere</i> , 2016, 155, 259-265.	8.2	46
18	Organohalogenated contaminants (OHCs) in human serum of mothers and children from Pakistan with urban and rural residential settings. <i>Science of the Total Environment</i> , 2013, 461-462, 655-662.	8.0	45

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19	Phthalate esters in settled dust of different indoor microenvironments; source of non-dietary human exposure. <i>Microchemical Journal</i> , 2017, 132, 227-232.	4.5	45
20	Human Arsenic exposure via dust across the different ecological zones of Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 219-227.	6.0	41
21	Persistent organic pollutant emission via dust deposition throughout Pakistan: Spatial patterns, regional cycling and their implication for human health risks. <i>Science of the Total Environment</i> , 2018, 618, 829-837.	8.0	36
22	Arsenic levels from different land-use settings in Pakistan: Bio-accumulation and estimation of potential human health risk via dust exposure. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 187-194.	6.0	33
23	Environmental monitoring of organo-halogenated contaminants (OHCs) in surface soils from Pakistan. <i>Science of the Total Environment</i> , 2015, 506-507, 344-352.	8.0	30
24	Assessment of organochlorine pesticides in the Himalayan riverine ecosystems from Pakistan using passive sampling techniques. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6023-6037.	5.3	26
25	Monitoring and prediction of high fluoride concentrations in groundwater in Pakistan. <i>Science of the Total Environment</i> , 2022, 839, 156058.	8.0	23
26	Impact of organochlorine pollutants on semen parameters of infertile men in Pakistan. <i>Environmental Research</i> , 2021, 195, 110832.	7.5	21
27	Environmental exposure pathway analysis of trace elements and autism risk in Pakistani children population. <i>Science of the Total Environment</i> , 2020, 712, 136471.	8.0	18
28	Arsenic and lead in the indoor residential settings of different socio-economic status; assessment of human health risk via dust exposure. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13288-13299.	5.3	18
29	Online background cleanup followed by high performance liquid chromatography with tandem mass spectrometry for the analysis of perfluorinated compounds in human blood. <i>Journal of Separation Science</i> , 2015, 38, 247-253.	2.5	16
30	Assessment of polychlorinated biphenyls (PCBs) in the Himalayan Riverine Network of Azad Jammu and Kashmir. <i>Chemosphere</i> , 2020, 240, 124762.	8.2	16
31	Mercury contamination in deposited dust and its bioaccumulation patterns throughout Pakistan. <i>Science of the Total Environment</i> , 2016, 569-570, 585-593.	8.0	15
32	Risk profile and health vulnerability of female workers who pick cotton by organochlorine pesticides from southern Punjab, Pakistan. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1193-1201.	4.3	15
33	Trace metals in different socioeconomic indoor residential settings, implications for human health via dust exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109927.	6.0	14
34	Trends of climate change in the upper Indus basin region, Pakistan: implications for cryosphere. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 51.	2.7	13
35	Cattle egrets as a biosentinels of persistent organic pollutants exposure. <i>Environmental Geochemistry and Health</i> , 2014, 36, 375-384.	3.4	12
36	Occurrence of selected elements (Ti, Sr, Ba, V, Ga, Sn, Tl, and Sb) in deposited dust and human hair samples: implications for human health in Pakistan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12234-12245.	5.3	10

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37	Trends of climate change in the Lower Indus Basin region of Pakistan. International Journal of Climate Change Strategies and Management, 2016, 8, 718-731.	2.9	5
38	Freely dissolved organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) along the Indus River Pakistan: spatial pattern and risk assessment. Environmental Science and Pollution Research, 2022, 29, 65670-65683.	5.3	5
39	Infant Exposure to Bisphenol A Can Be Quantitatively Assessed by a Simply Improved High-Performance Liquid Chromatography–Tandem Mass-Spectrometry Method. Analytical Sciences, 2017, 33, 777-781.	1.6	4
40	Urinary profiles of selected metals and arsenic and their exposure pathway analysis in four large floodplains of Pakistan. Science of the Total Environment, 2020, 737, 139586.	8.0	3
41	New Brominated Flame Retardants in the Environment of Developing Countries. Soil Biology, 2019, , 21-36.	0.8	0
42	Occurrence and fate of micropollutants in soils. , 2022, , 295-304.		0