

# Ishwar Chandra Yadav

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,982  
citations

279487

23  
h-index

253896

43  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status of persistent organic pesticides residues in air, water, and soil, and their possible effect on neighboring countries: A comprehensive review of India. <i>Science of the Total Environment</i> , 2015, 511, 123-137.	3.9	463
2	Spatial distribution, source analysis, and health risk assessment of heavy metals contamination in house dust and surface soil from four major cities of Nepal. <i>Chemosphere</i> , 2019, 218, 1100-1113.	4.2	151
3	Occurrence and fate of organophosphate ester flame retardants and plasticizers in indoor air and dust of Nepal: Implication for human exposure. <i>Environmental Pollution</i> , 2017, 229, 668-678.	3.7	108
4	Biomass burning in Indo-China peninsula and its impacts on regional air quality and global climate change-a review. <i>Environmental Pollution</i> , 2017, 227, 414-427.	3.7	77
5	Concentration and spatial distribution of organophosphate esters in the soil-sediment profile of Kathmandu Valley, Nepal: Implication for risk assessment. <i>Science of the Total Environment</i> , 2018, 613-614, 502-512.	3.9	77
6	Environmental carcinogenic polycyclic aromatic hydrocarbons in soil from Himalayas, India: Implications for spatial distribution, sources apportionment and risk assessment. <i>Chemosphere</i> , 2016, 144, 493-502.	4.2	75
7	Organophosphate ester flame retardants in Nepalese soil: Spatial distribution, source apportionment and air-soil exchange assessment. <i>Chemosphere</i> , 2018, 190, 114-123.	4.2	68
8	Occurrence, profile and spatial distribution of organochlorines pesticides in soil of Nepal: Implication for source apportionment and health risk assessment. <i>Science of the Total Environment</i> , 2016, 573, 1598-1606.	3.9	65
9	Polycyclic aromatic hydrocarbons in house dust and surface soil in major urban regions of Nepal: Implication on source apportionment and toxicological effect. <i>Science of the Total Environment</i> , 2018, 616-617, 223-235.	3.9	61
10	Spatial distribution, source apportionment and ecological risk assessment of residual organochlorine pesticides (OCPs) in the Himalayas. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20154-20166.	2.7	55
11	Passive air sampling of organochlorine pesticides in a northeastern state of India, Manipur. <i>Journal of Environmental Sciences</i> , 2011, 23, 808-815.	3.2	47
12	Concentrations, sources and health risk of nitrated- and oxygenated-polycyclic aromatic hydrocarbon in urban indoor air and dust from four cities of Nepal. <i>Science of the Total Environment</i> , 2018, 643, 1013-1023.	3.9	40
13	Measurement of legacy and emerging flame retardants in indoor dust from a rural village (Kopawa) in Nepal: Implication for source apportionment and health risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 304-314.	2.9	40
14	Polycyclic aromatic hydrocarbons (PAHs) in Chinese forest soils: profile composition, spatial variations and source apportionment. <i>Scientific Reports</i> , 2017, 7, 2692.	1.6	37
15	Polychlorinated biphenyls in Nepalese surface soils: Spatial distribution, air-soil exchange, and soil-air partitioning. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 498-506.	2.9	34
16	Possible emissions of POPs in plain and hilly areas of Nepal: Implications for source apportionment and health risk assessment. <i>Environmental Pollution</i> , 2017, 220, 1289-1300.	3.7	33
17	PM10 and PM2.5 in Indo-Gangetic Plain (IGP) of India: Chemical characterization, source analysis, and transport pathways. <i>Urban Climate</i> , 2020, 33, 100663.	2.4	32
18	Assessment of groundwater quality with special reference to arsenic in Nawalparasi district, Nepal using multivariate statistical techniques. <i>Environmental Earth Sciences</i> , 2014, 72, 259-273.	1.3	30

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19	Environmental concentration and atmospheric deposition of halogenated flame retardants in soil from Nepal: Source apportionment and soil-air partitioning. <i>Environmental Pollution</i> , 2018, 233, 642-654.	3.7	29
20	Occurrence and source apportionment of halogenated flame retardants in the indoor air of Nepalese cities: Implication on human health. <i>Atmospheric Environment</i> , 2017, 161, 122-131.	1.9	28
21	Reductive dissolution of iron-oxyhydroxides directs groundwater arsenic mobilization in the upstream of Ganges River basin, Nepal. <i>Journal of Geochemical Exploration</i> , 2015, 148, 150-160.	1.5	27
22	Addressing noise and pitch sensitivity of speech recognition system through variational mode decomposition based spectral smoothing. , 2019, 86, 55-64.		26
23	Distribution and risk assessment of polychlorinated biphenyls (PCBs) in the remote air and soil of Manipur, India. <i>Environmental Earth Sciences</i> , 2014, 72, 3955-3967.	1.3	25
24	Chemometric evaluation of heavy metal pollutions in Patna region of the Ganges alluvial plain, India: implication for source apportionment and health risk assessment. <i>Environmental Geochemistry and Health</i> , 2018, 40, 2343-2358.	1.8	24
25	Atmospheric Polycyclic Aromatic Hydrocarbons (PAH) in Manipur of the Northeast India: Monitoring on Urban, Rural, and Mountain Sites. <i>Polycyclic Aromatic Compounds</i> , 2014, 34, 12-34.	1.4	21
26	Spatial and temporal variation in arsenic in the groundwater of upstream of Ganges River Basin, Nepal. <i>Environmental Earth Sciences</i> , 2015, 73, 1265-1279.	1.3	19
27	Polychlorinated biphenyls and organochlorines pesticides in indoor dust: An exploration of sources and health exposure risk in a rural area (Kopawa) of Nepal. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110376.	2.9	19
28	Physicochemical characteristics of paper industry effluents—a case study of South India Paper Mill (SiPM). <i>Environmental Monitoring and Assessment</i> , 2011, 177, 23-33.	1.3	18
29	Soil erosion and transport of Imidacloprid and Clothianidin in the upland field under simulated rainfall condition. <i>Science of the Total Environment</i> , 2018, 640-641, 1354-1364.	3.9	18
30	Examining the role of total organic carbon and black carbon in the fate of legacy persistent organic pollutants (POPs) in indoor dust from Nepal: Implication on human health. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 225-235.	2.9	18
31	Airborne brominated, chlorinated and organophosphate ester flame retardants inside the buildings of the Indian state of Bihar: Exploration of source and human exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110212.	2.9	18
32	Organochlorine pesticides in multi-environmental matrices of India: A comprehensive review on characteristics, occurrence, and analytical methods. <i>Microchemical Journal</i> , 2022, 177, 107306.	2.3	18
33	Current status of groundwater arsenic and its impacts on health and mitigation measures in the Terai basin of Nepal: An overview. <i>Environmental Reviews</i> , 2011, 19, 55-67.	2.1	17
34	Nitrated- and oxygenated-polycyclic aromatic hydrocarbon in urban soil from Nepal: Source assessment, air-soil exchange, and soil-air partitioning. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111951.	2.9	17
35	Microbial Interactions in the Arsenic Cycle: Adoptive Strategies and Applications in Environmental Management. <i>Reviews of Environmental Contamination and Toxicology</i> , 2013, 224, 1-38.	0.7	14
36	Seasonal variation of PM <sub>2.5</sub> in the central Indo-Gangetic Plain (Patna) of India: chemical characterization and source assessment. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	13

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37	Spatial Distribution of Arsenic in Groundwater of Southern Nepal. <i>Reviews of Environmental Contamination and Toxicology</i> , 2012, 218, 125-140.	0.7	12
38	Altitudinal and spatial variations of polycyclic aromatic hydrocarbons in Nepal: Implications on source apportionment and risk assessment. <i>Chemosphere</i> , 2018, 198, 386-396.	4.2	12
39	Significance of Pitch-Based Spectral Normalization for Children's Speech Recognition. <i>IEEE Signal Processing Letters</i> , 2019, 26, 1822-1826.	2.1	11
40	Polychlorinated Biphenyls in Surface Soil from North-East India: Implication for Sources Apportionment and Health-Risk Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 377-389.	2.1	10
41	Non-Uniform Spectral Smoothing for Robust Children's Speech Recognition. , 0, , .		10
42	Dataset on assessment of heavy metals contamination in multi-environmental samples from Patna, India. <i>Data in Brief</i> , 2019, 25, 104079.	0.5	9
43	Spectral Smoothing by Variationalmode Decomposition and its Effect on Noise and Pitch Robustness of ASR System. , 2018, , .		8
44	Data on fate and distribution of organophosphate esters in the soil - sediments from Kathmandu Valley, Nepal. <i>Data in Brief</i> , 2020, 28, 104822.	0.5	8
45	Legacy and emerging flame retardants in indoor and outdoor dust from Indo-Gangetic Region (Patna) of India: implication for source apportionment and health risk exposure. <i>Environmental Science and Pollution Research</i> , 2022, 29, 68216-68231.	2.7	8
46	Improvement and application of the PCPFA@SWAT2012 model for predicting pesticide transport: a case study of the Sakura River watershed. <i>Pest Management Science</i> , 2018, 74, 2520-2529.	1.7	7
47	Data relating to fate and transport of organophosphate ester flame retardants in indoor air and dust from Nepal. <i>Data in Brief</i> , 2019, 25, 104287.	0.5	6
48	Enhancing Pitch Robustness of Speech Recognition System through Spectral Smoothing. , 2018, , .		4
49	Pitch and noise normalized acoustic feature for children's ASR. , 2021, 109, 102922.		4
50	Evaluating financial aspects of municipal solid waste management in Mysore City, India. <i>International Journal of Environmental Technology and Management</i> , 2010, 13, 302.	0.1	3
51	A Review on the Abundance, Distribution and Eco-Biological Risks of PAHs in the Key Environmental Matrices of South Asia. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 240, 1-30.	0.7	3
52	Municipal Solid Waste Management in Imphal Town, Northeast India: A Critical Analysis of Existing Management Practices and Proposed Action Plans. <i>International Journal of Waste Resources</i> , 2016, 6, .	0.2	2
53	Modeling of runoff water and runoff pesticide concentrations in upland bare soil using improved SPEC model. <i>Journal of Pesticide Sciences</i> , 2019, 44, 148-155.	0.8	2
54	Enhancing global competitiveness for fresh produce retail shops in India: investigating consumers perceptions and opportunities. <i>Acta Horticulturae</i> , 2015, , 267-272.	0.1	1

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55	Detection of Vowels in Speech Signals Degraded by Speech-Like Noise. , 2019, , .		0