

# Iris Koch

## List of Publications by Year in descending order

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17  
papers

446  
citations

1040056

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h-index

940533

16  
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17  
docs citations

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times ranked

576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Soil Composition and Mineralogy on the Bioaccessibility of Arsenic from Tailings and Soil in Gold Mine Districts of Nova Scotia. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2667-2674.	10.0	175
2	Effect of particle size on arsenic bioaccessibility in gold mine tailings of Nova Scotia. <i>Science of the Total Environment</i> , 2011, 409, 2233-2243.	8.0	56
3	Bioaccessibility of lead and arsenic in traditional Indian medicines. <i>Science of the Total Environment</i> , 2011, 409, 4545-4552.	8.0	48
4	Estimating the number of airports potentially contaminated with perfluoroalkyl and polyfluoroalkyl substances from aqueous film forming foam: A Canadian example. <i>Journal of Environmental Management</i> , 2018, 222, 122-131.	7.8	41
5	ARSENIC SPECIATION IN TERRESTRIAL BIRDS FROM YELLOWKNIFE, NORTHWEST TERRITORIES, CANADA: THE UNEXPECTED FINDING OF ARSENOBETAINE. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1468.	4.3	28
6	Bioaccessibility of mercury in selected Ayurvedic medicines. <i>Science of the Total Environment</i> , 2013, 454-455, 9-15.	8.0	26
7	The Effect of Temperature and Aeration Rate on Bioremediation of Diesel-contaminated Soil in Solid-phase Bench-scale Bioreactors. <i>Soil and Sediment Contamination</i> , 2011, 20, 353-369.	1.9	20
8	Elucidating degradation mechanisms for a range of per- and polyfluoroalkyl substances (PFAS) via controlled irradiation studies. <i>Science of the Total Environment</i> , 2022, 832, 154941.	8.0	16
9	Arsenic(+3) and DNA methyltransferases, and arsenic speciation in tadpole and frog life stages of western clawed frogs ( <i>Silurana tropicalis</i> ) exposed to arsenate. <i>Metallomics</i> , 2015, 7, 1274-1284.	2.4	13
10	Transcriptomic Responses During Early Development Following Arsenic Exposure in Western Clawed Frogs, <i>Silurana tropicalis</i> . <i>Toxicological Sciences</i> , 2015, 148, 603-617.	3.1	5
11	Literature review and meta-analysis of gastric and intestinal bioaccessibility for nine inorganic elements in soils and soil-like media for use in human health risk assessment. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113929.	4.3	5
12	Life cycle exposure of the frog <i>Silurana tropicalis</i> to arsenate: Steroid- and thyroid hormone-related genes are differently altered throughout development. <i>General and Comparative Endocrinology</i> , 2016, 234, 133-141.	1.8	3
13	Evaluating mercury concentrations in edible plant and fungi species in the Canadian Arctic environment. <i>Journal of Environmental Quality</i> , 2021, 50, 877-888.	2.0	3
14	Silver nanomaterials released from commercial textiles have minimal impacts on soil microbial communities at environmentally relevant concentrations. <i>Science of the Total Environment</i> , 2022, 806, 151248.	8.0	3
15	Development and validation of a method for the weathering and detachment of representative nanomaterials from conventional silver-containing textiles. <i>Chemosphere</i> , 2021, 284, 131269.	8.2	2
16	Source apportionment of bioaccessible lead in soil reference materials using the continuous on-line leaching method and inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2022, 1189, 339214.	5.4	2
17	Derivation of indoor dust screening concentrations for the protection of human health (DSCHH) for inorganic elements. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 1965-1986.	3.4	0