

Vasile I Furdui

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,632
citations

516215

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713013

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23
all docs

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docs citations

23
times ranked

1805
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfluorinated Acids in Arctic Snow: A New Evidence for Atmospheric Formation. <i>Environmental Science & Technology</i> , 2007, 41, 3455-3461.	4.6	318
2	Perfluoroalkyl Contaminants in the Canadian Arctic: Evidence of Atmospheric Transport and Local Contamination. <i>Environmental Science & Technology</i> , 2007, 41, 3529-3536.	4.6	229
3	Observation of a Commercial Fluorinated Material, the Polyfluoroalkyl Phosphoric Acid Diesters, in Human Sera, Wastewater Treatment Plant Sludge, and Paper Fibers. <i>Environmental Science & Technology</i> , 2009, 43, 4589-4594.	4.6	177
4	Spatial Distribution of Perfluoroalkyl Contaminants in Lake Trout from the Great Lakes. <i>Environmental Science & Technology</i> , 2007, 41, 1554-1559.	4.6	143
5	Immunomagnetic T cell capture from blood for PCR analysis using microfluidic systems. <i>Lab on A Chip</i> , 2004, 4, 614.	3.1	141
6	Perfluorinated phosphonic acids in Canadian surface waters and wastewater treatment plant effluent: Discovery of a new class of perfluorinated acids. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2101-2107.	2.2	99
7	Distribution and transportability of hexabromocyclododecane (HBCD) in the Asia-Pacific region using skipjack tuna as a bioindicator. <i>Environmental Pollution</i> , 2006, 144, 238-247.	3.7	82
8	Temporal Trends of Perfluoroalkyl Compounds with Isomer Analysis in Lake Trout from Lake Ontario (1979-2004). <i>Environmental Science & Technology</i> , 2008, 42, 4739-4744.	4.6	82
9	Fate, distribution, and contrasting temporal trends of perfluoroalkyl substances (PFASs) in Lake Ontario, Canada. <i>Environment International</i> , 2012, 44, 92-99.	4.8	73
10	Trends and Sources of Perchlorate in Arctic Snow. <i>Environmental Science & Technology</i> , 2010, 44, 588-592.	4.6	62
11	Trace level determination of perfluorinated compounds in water by direct injection. <i>Chemosphere</i> , 2008, 73, S24-S30.	4.2	57
12	Microfabricated electrolysis pump system for isolating rare cells in blood. <i>Journal of Micromechanics and Microengineering</i> , 2003, 13, S164-S170.	1.5	39
13	¹ H NMR-Based Metabolomic Analysis of Sub-Lethal Perfluorooctane Sulfonate Exposure to the Earthworm, <i>Eisenia fetida</i> , in Soil. <i>Metabolites</i> , 2013, 3, 718-740.	1.3	29
14	Ultra-trace level speciated isotope dilution measurement of Cr(VI) using ion chromatography tandem mass spectrometry in environmental waters. <i>Talanta</i> , 2016, 156-157, 104-111.	2.9	22
15	Lithium an emerging contaminant: Bioavailability, effects on protein expression, and homeostasis disruption in short-term exposure of rainbow trout. <i>Aquatic Toxicology</i> , 2015, 161, 85-93.	1.9	21
16	Anthropogenic Perchlorate Increases since 1980 in the Canadian High Arctic. <i>Environmental Science & Technology</i> , 2018, 52, 972-981.	4.6	18
17	The perchlorate record during 1956-2004 from Tianshan ice core, East Asia. <i>Science of the Total Environment</i> , 2019, 656, 1121-1132.	3.9	11
18	Unbiased Measurement of Phosphate and Phosphorus Speciation in Surface Waters. <i>Environmental Science & Technology</i> , 2019, 53, 820-828.	4.6	11

#	ARTICLE	IF	CITATIONS
19	Trace-Level Analysis of Hexavalent Chromium in Lake Sediment Samples Using Ion Chromatography Tandem Mass Spectrometry. <i>Journal of Environmental Protection</i> , 2016, 07, 422-434.	0.3	11
20	Temporal trends of phosphorus in urban atmospheric aerosols. <i>Canadian Journal of Chemistry</i> , 2022, 100, 538-544.	0.6	3
21	Phosphorus-based metabolic pathway tracers in surface waters. <i>Environmental Science and Pollution Research</i> , 2021, 28, 29498-29508.	2.7	2