

# Sascha Usenko

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,013  
citations

279798

23  
h-index

254184

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2747  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traffic, transport, and vegetation drive VOC concentrations in a major urban area in Texas. <i>Science of the Total Environment</i> , 2022, 838, 155861.	8.0	5
2	Apportioned primary and secondary organic aerosol during pollution events of DISCOVER-AQ Houston. <i>Atmospheric Environment</i> , 2021, 244, 117954.	4.1	5
3	A lipid normalization model for the analysis of stable isotopes in baleen whale earplugs. <i>Marine Mammal Science</i> , 2021, 37, 690-695.	1.8	1
4	Evidence of multi-decadal behavior and ecosystem-level changes revealed by reconstructed lifetime stable isotope profiles of baleen whale earplugs. <i>Science of the Total Environment</i> , 2021, 757, 143985.	8.0	7
5	Captive Aerosol Growth and Evolution (CAGE) chamber system to investigate particle growth due to secondary aerosol formation. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3351-3370.	3.1	1
6	Assessing the atmospheric fate of pesticides used to control mosquito populations in Houston, TX. <i>Chemosphere</i> , 2021, 275, 129951.	8.2	2
7	Urban core-downwind differences and relationships related to ozone production in a major urban area in Texas. <i>Atmospheric Environment</i> , 2021, 262, 118624.	4.1	13
8	Hormone comparison between right and left baleen whale earplugs. , 2020, 8, coaa055.		7
9	Eighty years of chemical exposure profiles of persistent organic pollutants reconstructed through baleen whale earplugs. <i>Science of the Total Environment</i> , 2020, 737, 139564.	8.0	5
10	Fine and Coarse Carbonaceous Aerosol in Houston, TX, during DISCOVER-AQ. <i>Atmosphere</i> , 2020, 11, 482.	2.3	5
11	Polychlorinated biphenyl (PCB) contamination in Galveston Bay, Texas: Comparing concentrations and profiles in sediments, passive samplers, and fish. <i>Environmental Pollution</i> , 2018, 236, 609-618.	7.5	38
12	The impacts of regional shipping emissions on the chemical characteristics of coastal submicron aerosols near Houston, TX. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14217-14241.	4.9	16
13	Baleen whale cortisol levels reveal a physiological response to 20th century whaling. <i>Nature Communications</i> , 2018, 9, 4587.	12.8	32
14	Persistent Organic Pollutant and Hormone Levels in Harbor Porpoise with B Cell Lymphoma. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 596-605.	4.1	7
15	Spatial and Temporal Distributions of Organophosphate Ester Concentrations from Atmospheric Particulate Matter Samples Collected across Houston, TX. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4239-4247.	10.0	47
16	Composition and Sources of Particulate Matter Measured near Houston, TX: Anthropogenic-Biogenic Interactions. <i>Atmosphere</i> , 2016, 7, 73.	2.3	15
17	Spatial and Temporal Distribution of Current-Use Pesticides in Atmospheric Particulate Matter in Houston, Texas. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 786-792.	2.7	5
18	Temporal variation in groundwater quality in the Permian Basin of Texas, a region of increasing unconventional oil and gas development. <i>Science of the Total Environment</i> , 2016, 562, 906-913.	8.0	80

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19	Pressurized liquid extraction technique for the analysis of pesticides, PCBs, PBDEs, OPEs, PAHs, alkanes, hopanes, and steranes in atmospheric particulate matter. <i>Chemosphere</i> , 2015, 137, 33-44.	8.2	28
20	Selective pressurized liquid extraction technique for halogenated organic pollutants in marine mammal blubber: A lipid-rich matrix. <i>Journal of Chromatography A</i> , 2015, 1385, 111-115.	3.7	19
21	Selective pressurized liquid extraction as a sample-preparation technique for persistent organic pollutants and contaminants of emerging concern. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 68, 119-132.	11.4	62
22	Development and application of a novel method for high-throughput determination of PCDD/Fs and PCBs in sediments. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1529-1536.	4.3	19
23	Evolved resistance to PCB- and PAH-induced cardiac teratogenesis, and reduced CYP1A activity in Gulf killifish ( <i>Fundulus grandis</i> ) populations from the Houston Ship Channel, Texas. <i>Aquatic Toxicology</i> , 2014, 150, 210-219.	4.0	62
24	Selective Pressurized Liquid Extraction Technique Capable of Analyzing Dioxins, Furans, and PCBs in Clams and Crab Tissue. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 460-465.	2.7	7
25	Selective pressurized liquid extraction of pesticides, polychlorinated biphenyls and polybrominated diphenyl ethers in a whale earplug (earwax): A novel method for analyzing organic contaminants in lipid-rich matrices. <i>Journal of Chromatography A</i> , 2013, 1319, 14-20.	3.7	25
26	Relative Importance of the Humic and Fulvic Fractions of Natural Organic Matter in the Aggregation and Deposition of Silver Nanoparticles. <i>Environmental Science &amp; Technology</i> , 2013, 47, 130118154213006.	10.0	52
27	Blue whale earplug reveals lifetime contaminant exposure and hormone profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16922-16926.	7.1	79
28	UPTAKE AND METABOLISM OF INDIVIDUAL POLYBROMINATED DIPHENYL ETHER CONGENERS BY EMBRYONIC ZEBRAFISH. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1153-1160.	4.3	19
29	High-Throughput Analysis of PPCPs, PCDD/Fs, and PCBs in Biological Matrices Using GC-MS/MS. <i>Comprehensive Analytical Chemistry</i> , 2013, 61, 143-158.	1.3	3
30	Occurrence of Pharmaceuticals and Personal Care Products in German Fish Tissue: A National Study. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9047-9054.	10.0	112
31	Assessment of legacy and emerging persistent organic pollutants in Weddell seal tissue ( <i>Leptonychotes weddellii</i> ) near McMurdo Sound, Antarctica. <i>Science of the Total Environment</i> , 2012, 439, 275-283.	8.0	42
32	Enhanced pressurized liquid extraction technique capable of analyzing polychlorodibenzo-p-dioxins, polychlorodibenzofurans, and polychlorobiphenyls in fish tissue. <i>Journal of Chromatography A</i> , 2012, 1238, 30-37.	3.7	28
33	Simultaneous analysis of select pharmaceuticals and personal care products in fish tissue using pressurized liquid extraction combined with silica gel cleanup. <i>Journal of Chromatography A</i> , 2011, 1218, 6278-6284.	3.7	61
34	Sources and fate of chiral organochlorine pesticides in western U.S. National Park ecosystems. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1533-1538.	4.3	14
35	PBDE developmental effects on embryonic zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1865-1872.	4.3	100
36	Exploring <i>Lemna gibba</i> thresholds to nutrient and chemical stressors: Differential effects of triclosan on internal stoichiometry and nitrate uptake across a nitrogen:phosphorus gradient. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2363-2370.	4.3	10

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37	Sources and Deposition of Polycyclic Aromatic Hydrocarbons to Western U.S. National Parks. <i>Environmental Science &amp; Technology</i> , 2010, 44, 4512-4518.	10.0	66
38	The Western Airborne Contaminant Assessment Project (WACAP): An Interdisciplinary Evaluation of the Impacts of Airborne Contaminants in Western U.S. National Parks. <i>Environmental Science &amp; Technology</i> , 2010, 44, 855-859.	10.0	52
39	Gas chromatography-mass spectrometry screening methods for select UV filters, synthetic musks, alkylphenols, an antimicrobial agent, and an insect repellent in fish. <i>Journal of Chromatography A</i> , 2009, 1216, 815-823.	3.7	127
40	Probabilistic ecological hazard assessment of parabens using <i>Daphnia magna</i> and <i>Pimephales promelas</i> . <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2744-2753.	4.3	141
41	INFLUENCE OF NITROGEN AND PHOSPHORUS CONCENTRATIONS AND RATIOS ON LEMNA GIBBA GROWTH RESPONSES TO TRICLOSAN IN LABORATORY AND STREAM MESOCOSM EXPERIMENTS. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2610.	4.3	29
42	Occurrence of pharmaceuticals and personal care products in fish: Results of a national pilot study in the united states. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2587-2597.	4.3	415
43	Current and Historical Deposition of PBDEs, Pesticides, PCBs, and PAHs to Rocky Mountain National Park. <i>Environmental Science &amp; Technology</i> , 2007, 41, 7235-7241.	10.0	90
44	Trace Analysis of Semivolatile Organic Compounds in Large Volume Samples of Snow, Lake Water, and Groundwater. <i>Environmental Science &amp; Technology</i> , 2005, 39, 6006-6015.	10.0	60