Diane M Orihel

List of Publications by Year
in descending order

33 papers	1,710 citations	516710 16 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	2166 citing authors

#	Article	IF	Citations
1	Fate of polycyclic aromatic compounds from diluted bitumen spilled into freshwater limnocorrals. Science of the Total Environment, 2022, 819, 151993.	8.0	4
2	Fathead Minnows Exposed to Organic Compounds from Oil Sands Tailings as Embryos Have Reduced Survival, Impaired Development, and Altered Behaviors That Persist into Larval Stages. Environmental Toxicology and Chemistry, 2022, 41, 1319-1332.	4.3	5
3	Resilience of larval wood frogs (Rana sylvatica) to hydrocarbons and other compounds released from naturally weathered diluted bitumen in a boreal lake. Aquatic Toxicology, 2022, 245, 106128.	4.0	3
4	Key information needs to move from knowledge to action for biodiversity conservation in Canada. Biological Conservation, 2021, 256, 108983.	4.1	40
5	David W. Schindler (1940â€“2021). Trends in Ecology and Evolution, 2021, 36, 665-667.	8.7	0
6	Simulating diluted bitumen spills in boreal lake limnocorrals - part 2: Factors affecting the physical characteristics and submergence of diluted bitumen. Science of the Total Environment, 2021, 790, 148580.	8.0	18
7	Simulating diluted bitumen spills in boreal lake limnocorrals - Part 1: Experimental design and responses of hydrocarbons, metals, and water quality parameters. Science of the Total Environment, 2021, 790, 148537.	8.0	16
8	Chemical identification of microplastics ingested by Red Phalaropes (Phalaropus fulicarius) using Fourier Transform Infrared spectroscopy. Marine Pollution Bulletin, 2021, 171, 112640.	5.0	7
9	Surface oil is the primary driver of macroinvertebrate impacts following spills of diluted bitumen in freshwater. Environmental Pollution, 2021, 290, 117929.	7.5	7
10	Effect of spilled diluted bitumen on chemical air-water exchange in boreal lake limnocorrals. Chemosphere, 2021, , 132708.	8.2	0
11	On â€œsuccessâ€•in applied environmental research â€” What is it, how can it be achieved, and how does one know when it has been achieved?. Environmental Reviews, 2020, 28, 357-372.	4.5	36
12	Changes in Sedimentary Phosphorus Burial Following Artificial Eutrophication of Lake 227, Experimental Lakes Area, Ontario, Canada. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005713.	3.0	23
13	Life under an oil slick: response of a freshwater food web to simulated spills of diluted bitumen in field mesocosms. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 779-788.	1.4	18
14	Can the toxicity of naphthenic acids in oil sands process-affected water be mitigated by a green photocatalytic method?. Facets, 2020, 5, 474-487.	2.4	6
15	Simulating a Spill of Diluted Bitumen: Environmental Weathering and Submergence in a Model Freshwater System. Environmental Toxicology and Chemistry, 2019, 38, 2621-2628.	4.3	28
16	National contributions to global ecosystem values. Conservation Biology, 2019, 33, 1219-1223.	4.7	9
17	Are we accurately estimating the potential role of pollution in the decline of species at risk in Canada?. Facets, 2019, 4, 598-614.	2.4	11
18	Informing Canadaâ€™s commitment to biodiversity conservation: A science-based framework to help guide protected areas designation through Target 1 and beyond. Facets, 2018, 3, 531-562.	2.4	43

#	Article	IF	Citations
19	Response to the Letter, Nitrogen is Not a â€œHouse of Cardsâ€• Environmental Science & Technology, 2017, 51, 1943-1943.	10.0	6
20	Internal phosphorus loading in Canadian fresh waters: a critical review and data analysis. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 2005-2029.	1.4	155
21	Experimental iron amendment suppresses toxic cyanobacteria in a hypereutrophic lake. Ecological Applications, 2016, 26, 1517-1534.	3.8	41
22	Reducing Phosphorus to Curb Lake Eutrophication is a Success. Environmental Science & Technology, 2016, 50, 8923-8929.	10.0	761
23	Probing the debromination of the flame retardant decabromodiphenyl ether in sediments of a boreal lake. Environmental Toxicology and Chemistry, 2016, 35, 573-583.	4.3	10
24	The â€œnutrient pump:â€•Ironâ€•poor sediments fuel low nitrogenâ€•toâ€•phosphorus ratios and cyanobacterial blooms in polymictic lakes. Limnology and Oceanography, 2015, 60, 856-871.	3.1	68
25	Internal nutrient loading may increase microcystin concentrations in freshwater lakes by promoting growth ofMicrocystispopulations. Annales De Limnologie, 2013, 49, 225-235.	0.6	19
26	SCIENTISTS, ON SAVING SCIENCE. Limnology and Oceanography Bulletin, 2013, 22, 76-78.	0.4	2
27	High microcystin concentrations occur only at low nitrogen-to-phosphorus ratios in nutrient-rich Canadian lakes. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1457-1462.	1.4	115
28	A field-based technique for sediment incubation experiments. Journal of Limnology, 2012, 71, 25.	1.1	6
29	Temporal changes in the distribution, methylation, and bioaccumulation of newly deposited mercury in an aquatic ecosystem. Environmental Pollution, 2008, 154, 77-88.	7.5	29
30	Experimental Evidence of a Linear Relationship between Inorganic Mercury Loading and Methylmercury Accumulation by Aquatic Biota. Environmental Science & Technology, 2007, 41, 4952-4958.	10.0	109
31	Effect of Loading Rate on the Fate of Mercury in Littoral Mesocosms. Environmental Science & Technology, 2006, 40, 5992-6000.	10.0	66
32	Relationship between the loading rate of inorganic mercury to aquatic ecosystems and dissolved gaseous mercury production and evasion. Chemosphere, 2006, 65, 2199-2207.	8.2	24
33	The Response of Lake Trout to Manual Tracking. Transactions of the American Fisheries Society, 2005, 134, 346-355.	1.4	25