

Jordi Dachs

List of Publications by Year in descending order

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173
papers

10,619
citations

20817

60
h-index

39675

94
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176
all docs

176
docs citations

176
times ranked

8202
citing authors

#	ARTICLE	IF	CITATIONS
1	Global fate of POPs: Current and future research directions. <i>Environmental Pollution</i> , 2007, 150, 150-165.	7.5	480
2	Marine ecosystems'™ responses to climatic and anthropogenic forcings in the Mediterranean. <i>Progress in Oceanography</i> , 2011, 91, 97-166.	3.2	385
3	Adsorption onto Aerosol Soot Carbon Dominates Gas-Particle Partitioning of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2000, 34, 3690-3697.	10.0	349
4	Oceanic Biogeochemical Controls on Global Dynamics of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2002, 36, 4229-4237.	10.0	345
5	Atmospheric deposition of organic and black carbon to the global oceans. <i>Atmospheric Environment</i> , 2008, 42, 7931-7939.	4.1	215
6	Past, Present, and Future Controls on Levels of Persistent Organic Pollutants in the Global Environment. <i>Environmental Science & Technology</i> , 2010, 44, 6526-6531.	10.0	214
7	Global ocean emission of dimethylsulfide predicted from biogeophysical data. <i>Global Biogeochemical Cycles</i> , 2002, 16, 26-1-26-10.	4.9	177
8	PAHs in Air and Seawater along a North-South Atlantic Transect: Trends, Processes and Possible Sources. <i>Environmental Science & Technology</i> , 2008, 42, 1580-1585.	10.0	156
9	Coupling of Phytoplankton Uptake and Air-Water Exchange of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 1999, 33, 3653-3660.	10.0	150
10	Atmospheric Dry Deposition of Persistent Organic Pollutants to the Atlantic and Inferences for the Global Oceans. <i>Environmental Science & Technology</i> , 2004, 38, 5505-5513.	10.0	144
11	Influence of Organic Matter Content and Human Activities on the Occurrence of Organic Pollutants in Antarctic Soils, Lichens, Grass, and Mosses. <i>Environmental Science & Technology</i> , 2012, 46, 1396-1405.	10.0	144
12	Mass budget and dynamics of polycyclic aromatic hydrocarbons in the Mediterranean Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 881-905.	1.4	142
13	Influence of Eutrophication on Air-Water Exchange, Vertical Fluxes, and Phytoplankton Concentrations of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2000, 34, 1095-1102.	10.0	135
14	Accumulation and Cycling of Polycyclic Aromatic Hydrocarbons in Zooplankton. <i>Environmental Science & Technology</i> , 2009, 43, 2295-2301.	10.0	134
15	Polycyclic aromatic hydrocarbons (PAHs) in the Mediterranean Sea: Atmospheric occurrence, deposition and decoupling with settling fluxes in the water column. <i>Environmental Pollution</i> , 2012, 166, 40-47.	7.5	134
16	Organophosphate Ester (OPE) Flame Retardants and Plasticizers in the Open Mediterranean and Black Seas Atmosphere. <i>Environmental Science & Technology</i> , 2014, 48, 3203-3209.	10.0	132
17	The oceanic biological pump modulates the atmospheric transport of persistent organic pollutants to the Arctic. <i>Nature Communications</i> , 2012, 3, 862.	12.8	128
18	Long-range transport of airborne microbes over the global tropical and subtropical ocean. <i>Nature Communications</i> , 2017, 8, 201.	12.8	127

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19	Spatial, Vertical Distribution and Budget of Polycyclic Aromatic Hydrocarbons in the Western Mediterranean Seawater. <i>Environmental Science & Technology</i> , 1997, 31, 682-688.	10.0	126
20	Biogeochemical and physical controls on concentrations of polycyclic aromatic hydrocarbons in water and plankton of the Mediterranean and Black Seas. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	126
21	Wet Deposition of Persistent Organic Pollutants to the Global Oceans. <i>Environmental Science & Technology</i> , 2005, 39, 2426-2435.	10.0	125
22	Polychlorinated Biphenyls (PCBs) in Air and Seawater of the Atlantic Ocean: Sources, Trends and Processes. <i>Environmental Science & Technology</i> , 2008, 42, 1416-1422.	10.0	119
23	Biological Pump Control of the Fate and Distribution of Hydrophobic Organic Pollutants in Water and Plankton. <i>Environmental Science & Technology</i> , 2012, 46, 3204-3211.	10.0	119
24	High atmosphere-ocean exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016, 9, 438-442.	12.9	116
25	Occurrence of Estrogenic Nonylphenols in the Urban and Coastal Atmosphere of the Lower Hudson River Estuary. <i>Environmental Science & Technology</i> , 1999, 33, 2676-2679.	10.0	115
26	Cell size dependent toxicity thresholds of polycyclic aromatic hydrocarbons to natural and cultured phytoplankton populations. <i>Environmental Pollution</i> , 2010, 158, 299-307.	7.5	114
27	Biodegradation as an important sink of aromatic hydrocarbons in the oceans. <i>Nature Geoscience</i> , 2019, 12, 119-125.	12.9	114
28	Evidence for Dynamic Air-Water Coupling and Cycling of Persistent Organic Pollutants over the Open Atlantic Ocean. <i>Environmental Science & Technology</i> , 2004, 38, 2617-2625.	10.0	113
29	Persistent Organic Pollutants in Mediterranean Seawater and Processes Affecting Their Accumulation in Plankton. <i>Environmental Science & Technology</i> , 2011, 45, 4315-4322.	10.0	112
30	Prediction of uptake dynamics of persistent organic pollutants by bacteria and phytoplankton. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2099-2107.	4.3	109
31	Organophosphate Ester Flame Retardants and Plasticizers in the Global Oceanic Atmosphere. <i>Environmental Science & Technology</i> , 2016, 50, 12831-12839.	10.0	109
32	Perfluoroalkylated Substances in the Global Tropical and Subtropical Surface Oceans. <i>Environmental Science & Technology</i> , 2014, 48, 13076-13084.	10.0	108
33	Dynamic Air-Water Exchange of Polychlorinated Biphenyls in the New York-New Jersey Harbor Estuary. <i>Environmental Science & Technology</i> , 2001, 35, 3834-3840.	10.0	103
34	Vertical fluxes of polycyclic aromatic hydrocarbons and organochlorine compounds in the western Alboran Sea (southwestern Mediterranean). <i>Marine Chemistry</i> , 1996, 52, 75-86.	2.3	102
35	Ubiquitous Net Volatilization of Polycyclic Aromatic Hydrocarbons from Soils and Parameters Influencing Their Soil-Air Partitioning. <i>Environmental Science & Technology</i> , 2011, 45, 4740-4747.	10.0	96
36	Polycyclic Aromatic Hydrocarbons in the New Jersey Coastal Atmosphere. <i>Environmental Science & Technology</i> , 2000, 34, 3547-3554.	10.0	95

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37	Organic Pollutants in Coastal Waters, Sediments, and Biota: A Relevant Driver for Ecosystems During the Anthropocene?. <i>Estuaries and Coasts</i> , 2010, 33, 1-14.	2.2	94
38	Climatic and Biogeochemical Controls on the Remobilization and Reservoirs of Persistent Organic Pollutants in Antarctica. <i>Environmental Science & Technology</i> , 2013, 47, 4299-4306.	10.0	94
39	Atmospheric Concentrations and Deposition of Polycyclic Aromatic Hydrocarbons to the Mid-Atlantic East Coast Region. <i>Environmental Science & Technology</i> , 2005, 39, 5550-5559.	10.0	89
40	Atmospheric Seasonal Trends and Environmental Fate of Alkylphenols in the Lower Hudson River Estuary. <i>Environmental Science & Technology</i> , 2000, 34, 2410-2417.	10.0	87
41	Influence of Soot Carbon on the Soil-Air Partitioning of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2003, 37, 2675-2680.	10.0	87
42	Polychlorinated biphenyls in air and water of the North Atlantic and Arctic Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	85
43	Factors Influencing the Soil-Air Partitioning and the Strength of Soils as a Secondary Source of Polychlorinated Biphenyls to the Atmosphere. <i>Environmental Science & Technology</i> , 2011, 45, 4785-4792.	10.0	84
44	Iodine oxide in the global marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 583-593.	4.9	84
45	Atmospheric polychlorinated biphenyl concentrations and apparent degradation in coastal New Jersey. <i>Atmospheric Environment</i> , 2001, 35, 3325-3339.	4.1	83
46	Air-water exchange of polycyclic aromatic hydrocarbons in the New York-New Jersey, USA, Harbor Estuary. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 235-244.	4.3	82
47	Aerosol inputs enhance new production in the subtropical northeast Atlantic. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	81
48	Degradation of sulfonamides as a microbial resistance mechanism. <i>Water Research</i> , 2017, 115, 309-317.	11.3	81
49	Accumulation of Perfluoroalkylated Substances in Oceanic Plankton. <i>Environmental Science & Technology</i> , 2017, 51, 2766-2775.	10.0	78
50	Decrease in the abundance and viability of oceanic phytoplankton due to trace levels of complex mixtures of organic pollutants. <i>Chemosphere</i> , 2010, 81, 161-168.	8.2	75
51	Occurrence of Aerosol-Bound Fullerenes in the Mediterranean Sea Atmosphere. <i>Environmental Science & Technology</i> , 2012, 46, 1335-1343.	10.0	75
52	PCBs in the western Mediterranean. Temporal trends and mass balance assessment. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 907-928.	1.4	73
53	Polychlorinated Biphenyls, Hexachlorocyclohexanes and Hexachlorobenzene in Seawater and Phytoplankton from the Southern Ocean (Weddell, South Scotia, and Bellingshausen Seas). <i>Environmental Science & Technology</i> , 2013, 47, 5578-5587.	10.0	73
54	Oceanic deep water formation as a sink of persistent organic pollutants. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	71

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55	Atmospheric Concentrations and Deposition of Polychlorinated Biphenyls to the Hudson River Estuary. <i>Environmental Science & Technology</i> , 2004, 38, 2568-2573.	10.0	70
56	Soil-Air exchange controls on background atmospheric concentrations of organochlorine pesticides. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12799-12811.	4.9	69
57	Air-Sea Seawater Exchange of Organochlorine Pesticides in the Southern Ocean between Australia and Antarctica. <i>Environmental Science & Technology</i> , 2016, 50, 8001-8009.	10.0	68
58	Role of Snow Deposition of Perfluoroalkylated Substances at Coastal Livingston Island (Maritime) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	10.0	68
59	Processes driving the short-term variability of polycyclic aromatic hydrocarbons in the Baltimore and northern Chesapeake Bay atmosphere, USA. <i>Atmospheric Environment</i> , 2002, 36, 2281-2295.	4.1	66
60	Air-water exchange of polycyclic aromatic hydrocarbons in the New York-New Jersey, USA, Harbor Estuary. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 235-44.	4.3	66
61	Atlantic Ocean Surface Waters Buffer Declining Atmospheric Concentrations of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2010, 44, 6978-6984.	10.0	63
62	Development of a Soil Fugacity Sampler for Determination of Air-Soil Partitioning of Persistent Organic Pollutants under Field Controlled Conditions. <i>Environmental Science & Technology</i> , 2009, 43, 8257-8263.	10.0	61
63	Volatile per- and polyfluoroalkyl compounds in the remote atmosphere of the western Antarctic Peninsula: an indirect source of perfluoroalkyl acids to Antarctic waters?. <i>Atmospheric Pollution Research</i> , 2012, 3, 450-455.	3.8	61
64	Atmospheric occurrence and deposition of hexachlorobenzene and hexachlorocyclohexanes in the Southern Ocean and Antarctic Peninsula. <i>Atmospheric Environment</i> , 2013, 80, 41-49.	4.1	61
65	High atmosphere-ocean exchange of organic carbon in the NE subtropical Atlantic. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	60
66	Atmospheric Occurrence and Deposition of Polycyclic Aromatic Hydrocarbons in the Northeast Tropical and Subtropical Atlantic Ocean. <i>Environmental Science & Technology</i> , 2007, 41, 5608-5613.	10.0	60
67	Latitudinal and seasonal capacity of the surface oceans as a reservoir of polychlorinated biphenyls. <i>Environmental Pollution</i> , 2004, 128, 149-162.	7.5	59
68	The "Degradative" and "Biological" Pumps Controls on the Atmospheric Deposition and Sequestration of Hexachlorocyclohexanes and Hexachlorobenzene in the North Atlantic and Arctic Oceans. <i>Environmental Science & Technology</i> , 2013, 47, 7195-7203.	10.0	58
69	Snow Amplification of Persistent Organic Pollutants at Coastal Antarctica. <i>Environmental Science & Technology</i> , 2019, 53, 8872-8882.	10.0	58
70	Fate of persistent organic pollutants in the water column: Does turbulent mixing matter?. <i>Marine Pollution Bulletin</i> , 2007, 54, 441-451.	5.0	56
71	Organophosphate ester pollution in the oceans. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 309-322.	29.7	55
72	Sources and fate of polycyclic aromatic hydrocarbons in the Antarctic and Southern Ocean atmosphere. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1424-1436.	4.9	54

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73	Development of a supercritical fluid extraction procedure for tributyltin determination in sediments. <i>Analytica Chimica Acta</i> , 1994, 286, 319-327.	5.4	52
74	Spatial distribution, vertical profiles and budget of organochlorine compounds in Western Mediterranean seawater. <i>Marine Chemistry</i> , 1997, 57, 313-324.	2.3	49
75	Potential Contamination of Shipboard Air Samples by Diffusive Emissions of PCBs and Other Organic Pollutants: Implications and Solutions. <i>Environmental Science & Technology</i> , 2004, 38, 3965-3970.	10.0	49
76	Effects of dust deposition and river discharges on trace metal composition of <i>Trichodesmium</i> spp. in the tropical and subtropical North Atlantic Ocean. <i>Limnology and Oceanography</i> , 2006, 51, 1755-1761.	3.1	49
77	Seasonality in the "grasshopping" and atmospheric residence times of persistent organic pollutants over the oceans. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	49
78	Potential for a biogenic influence on cloud microphysics over the ocean: a correlation study with satellite-derived data. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7977-7993.	4.9	49
79	Polychlorinated biphenyls and particulate organic/elemental carbon in the atmosphere of Chesapeake Bay, USA. <i>Atmospheric Environment</i> , 2001, 35, 5663-5677.	4.1	48
80	Factors affecting the atmospheric occurrence and deposition of polychlorinated biphenyls in the Southern Ocean. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 12029-12041.	4.9	47
81	Unexpected Occurrence of Volatile Dimethylsiloxanes in Antarctic Soils, Vegetation, Phytoplankton, and Krill. <i>Environmental Science & Technology</i> , 2015, 49, 4415-4424.	10.0	47
82	Enrichment of organochlorine contaminants in the sea surface microlayer: An organic carbon-driven process. <i>Marine Chemistry</i> , 2005, 96, 331-345.	2.3	46
83	Atmospheric Occurrence and Deposition of Polychlorinated Dibenzo- <i>p</i> -Dioxins and Dibenzofurans (PCDD/Fs) in the Open Mediterranean Sea. <i>Environmental Science & Technology</i> , 2010, 44, 5456-5463.	10.0	46
84	Modelling the dynamic air-water-sediment coupled fluxes and occurrence of polychlorinated biphenyls in a high altitude lake. <i>Environmental Pollution</i> , 2006, 140, 546-560.	7.5	45
85	Evaluation of anthropogenic and biogenic inputs into the western Mediterranean using molecular markers. <i>Marine Chemistry</i> , 1999, 65, 195-210.	2.3	44
86	Seasonal air-water exchange fluxes of polychlorinated biphenyls in the Hudson River Estuary. <i>Environmental Pollution</i> , 2008, 152, 443-451.	7.5	44
87	Cell size dependence of additive versus synergetic effects of UV radiation and PAHs on oceanic phytoplankton. <i>Environmental Pollution</i> , 2011, 159, 1307-1316.	7.5	44
88	Factors Affecting the Occurrence and Transport of Atmospheric Organochlorines in the China Sea and the Northern Indian and South East Atlantic Oceans. <i>Environmental Science & Technology</i> , 2012, 46, 10012-10021.	10.0	44
89	Microbial consumption of organophosphate esters in seawater under phosphorus limited conditions. <i>Scientific Reports</i> , 2019, 9, 233.	3.3	44
90	Enrichment of perfluoroalkyl substances in the sea-surface microlayer and sea-spray aerosols in the Southern Ocean. <i>Environmental Pollution</i> , 2020, 267, 115512.	7.5	44

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91	Monsoon-Driven Vertical Fluxes of Organic Pollutants in the Western Arabian Sea. <i>Environmental Science & Technology</i> , 1999, 33, 3949-3956.	10.0	41
92	Isotopic constraints on the role of hypohalous acids in sulfate aerosol formation in the remote marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11433-11450.	4.9	41
93	Surface waters are a source of polychlorinated biphenyls to the coastal atmosphere of the North-Western Mediterranean Sea. <i>Chemosphere</i> , 2009, 75, 1144-1152.	8.2	40
94	Anthropogenic and biogenic hydrocarbons in soils and vegetation from the South Shetland Islands (Antarctica). <i>Science of the Total Environment</i> , 2016, 569-570, 1500-1509.	8.0	40
95	Atmospheric occurrence, transport and deposition of polychlorinated biphenyls and hexachlorobenzene in the Mediterranean and Black seas. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 8947-8959.	4.9	39
96	Microbial responses to perfluoroalkyl substances and perfluorooctanesulfonate (PFOS) desulfurization in the Antarctic marine environment. <i>Water Research</i> , 2020, 171, 115434.	11.3	39
97	Maximum reservoir capacity of vegetation for persistent organic pollutants: Implications for global cycling. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	4.9	38
98	Climate change influence on the levels and trends of persistent organic pollutants (POPs) and chemicals of emerging Arctic concern (CEACs) in the Arctic physical environment – a review. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1577-1615.	3.5	36
99	Evaluation of sampling devices for the determination of polycyclic aromatic hydrocarbons in surface microlayer coastal waters. <i>Marine Pollution Bulletin</i> , 2004, 48, 961-968.	5.0	34
100	Toxicity of natural mixtures of organic pollutants in temperate and polar marine phytoplankton. <i>Science of the Total Environment</i> , 2016, 571, 34-41.	8.0	33
101	Seasonal soil/snow-air exchange of semivolatile organic pollutants at a coastal arctic site (Tromsø, Norway). <i>Journal of Geophysical Research</i> , 2007, 112, F01101.	8.0	33
102	Anthropogenic dissolved organic carbon and marine microbiomes. <i>ISME Journal</i> , 2020, 14, 2646-2648.	9.8	33
103	Evidence for cyanobacterial inputs and heterotrophic alteration of lipids in sinking particles in the Alboran Sea (SW Mediterranean). <i>Marine Chemistry</i> , 1998, 60, 189-201.	2.3	32
104	Re-examination of global emerging patterns of ocean DMS concentration. <i>Biogeochemistry</i> , 2012, 110, 173-182.	3.5	32
105	Field Measurements of the Atmospheric Dry Deposition Fluxes and Velocities of Polycyclic Aromatic Hydrocarbons to the Global Oceans. <i>Environmental Science & Technology</i> , 2014, 48, 5583-5592.	10.0	32
106	Influence of the surface microlayer on atmospheric deposition of aerosols and polycyclic aromatic hydrocarbons. <i>Atmospheric Environment</i> , 2007, 41, 4920-4930.	4.1	31
107	Microbial responses to anthropogenic dissolved organic carbon in the Arctic and Antarctic coastal seawaters. <i>Environmental Microbiology</i> , 2019, 21, 1466-1481.	3.8	28
108	Processes controlling diurnal variations of PCDD/Fs in the New Jersey coastal atmosphere. <i>Atmospheric Environment</i> , 2003, 37, 959-969.	4.1	27

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109	Sea Breeze Modulated Volatilization of Polycyclic Aromatic Hydrocarbons from the Masnou Harbor (NW Mediterranean Sea). <i>Environmental Science & Technology</i> , 2003, 37, 3794-3802.	10.0	27
110	Comparison of sampling devices for the determination of polychlorinated biphenyls in the sea surface microlayer. <i>Marine Environmental Research</i> , 2005, 59, 255-275.	2.5	27
111	Background Concentrations of Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls in the Global Oceanic Atmosphere. <i>Environmental Science & Technology</i> , 2014, 48, 10198-10207.	10.0	27
112	Dysregulation of photosynthetic genes in oceanic <i>Prochlorococcus</i> populations exposed to organic pollutants. <i>Scientific Reports</i> , 2017, 7, 8029.	3.3	27
113	Trialkylamines and Coprostanol as Tracers of Urban Pollution in Waters from Enclosed Seas: The Mediterranean and Black Sea. <i>Environmental Science & Technology</i> , 1999, 33, 3290-3296.	10.0	26
114	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , 2016, 545-546, 163-170.	8.0	26
115	Biodegradation of phenanthrene by indigenous microorganisms in soils from Livingstone Island, Antarctica. <i>FEMS Microbiology Letters</i> , 2012, 329, 69-77.	1.8	25
116	Oceanic Sink and Biogeochemical Controls on the Accumulation of Polychlorinated Dibenzo- <i>p</i> -dioxins, Dibenzofurans, and Biphenyls in Plankton. <i>Environmental Science & Technology</i> , 2015, 49, 13853-13861.	10.0	24
117	Vertical transport and sinks of perfluoroalkyl substances in the global open ocean. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1957-1969.	3.5	24
118	Optimization of a flame photometric detector for supercritical fluid chromatography of organotin compounds. <i>Journal of Chromatography A</i> , 1993, 636, 277-283.	3.7	23
119	Air-water exchange and vertical profiles of organic carbon in a subarctic fjord. <i>Limnology and Oceanography</i> , 2010, 55, 1733-1740.	3.1	23
120	Pivotal Role of Snow Deposition and Melting Driving Fluxes of Polycyclic Aromatic Hydrocarbons at Coastal Livingston Island (Antarctica). <i>Environmental Science & Technology</i> , 2018, 52, 12327-12337.	10.0	23
121	Modulation of microbial growth and enzymatic activities in the marine environment due to exposure to organic contaminants of emerging concern and hydrocarbons. <i>Science of the Total Environment</i> , 2019, 678, 486-498.	8.0	23
122	Response to the Comment on "Influence of Soot Carbon on the Soil-Air Partitioning of Polycyclic Aromatic Hydrocarbons". <i>Environmental Science & Technology</i> , 2004, 38, 1624-1625.	10.0	22
123	Seasonal fluxes and temperature-dependent accumulation of persistent organic pollutants in lakes: The role of internal biogeochemical cycling. <i>Environmental Pollution</i> , 2009, 157, 1815-1822.	7.5	22
124	Integrated modelling of Polycyclic Aromatic Hydrocarbons in the marine environment: Coupling of hydrodynamic, fate and transport, bioaccumulation and planktonic food-web models. <i>Marine Pollution Bulletin</i> , 2009, 58, 1554-1561.	5.0	21
125	Vertical eddy diffusion as a key mechanism for removing perfluorooctanoic acid (PFOA) from the global surface oceans. <i>Environmental Pollution</i> , 2013, 179, 88-94.	7.5	21
126	Langmuir-Derived Model for Diffusion- and Reaction-Limited Adsorption of Organic Compounds on Fractal Aggregates. <i>Environmental Science & Technology</i> , 1997, 31, 2754-2760.	10.0	20

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127	Ocean-atmosphere exchange of organic carbon and CO ₂ surrounding the Antarctic Peninsula. <i>Biogeosciences</i> , 2014, 11, 2755-2770.	3.3	20
128	Sources and diffusive air-water exchange of polycyclic aromatic hydrocarbons in an oligotrophic North Patagonian lake. <i>Science of the Total Environment</i> , 2020, 738, 139838.	8.0	18
129	Tributyltin speciation in aquatic matrices by CGC-FPD and CGC-MS confirmation. <i>Mikrochimica Acta</i> , 1992, 109, 87-91.	5.0	17
130	Responses of Coastal Marine Microbiomes Exposed to Anthropogenic Dissolved Organic Carbon. <i>Environmental Science & Technology</i> , 2021, 55, 9609-9621.	10.0	16
131	Legacy and novel flame retardants from indoor dust in Antarctica: Sources and human exposure. <i>Environmental Research</i> , 2021, 196, 110344.	7.5	15
132	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW Tj ETQq0 0 0 rgBT /Overlock 10 T f	3.2	14
133	Aliphatic hydrocarbons and triterpenes of the Congo deep-sea fan. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 109-124.	1.4	14
134	Persistent organic pollutants in the atmosphere of the Antarctic Plateau. <i>Atmospheric Environment</i> , 2017, 149, 104-108.	4.1	14
135	Large Enrichment of Anthropogenic Organic Matter Degrading Bacteria in the Sea-Surface Microlayer at Coastal Livingston Island (Antarctica). <i>Frontiers in Microbiology</i> , 2020, 11, 571983.	3.5	14
136	Prediction of uptake dynamics of persistent organic pollutants by bacteria and phytoplankton. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2099-107.	4.3	14
137	Quantifying the importance of the atmospheric sink for polychlorinated dioxins and furans relative to other global loss processes. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	13
138	Atmospheric Deposition of POPs. <i>Comprehensive Analytical Chemistry</i> , 2015, , 295-322.	1.3	13
139	Dissolved Black Carbon and Semivolatile Aromatic Hydrocarbons in the Ocean: Two Entangled Biogeochemical Cycles?. <i>Environmental Science and Technology Letters</i> , 2021, 8, 918-923.	8.7	13
140	Clustering of Nonpolar Organic Compounds in Lipid Media: Evidence and Implications. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11699-11703.	2.5	12
141	Persistent organic pollutants in krill from the Bellingshausen, South Scotia, and Weddell Seas. <i>Science of the Total Environment</i> , 2018, 610-611, 1487-1495.	8.0	11
142	Bacterial responses to background organic pollutants in the northeast subarctic Pacific Ocean. <i>Environmental Microbiology</i> , 2021, 23, 4532-4546.	3.8	11
143	Rain Amplification of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2021, 55, 12961-12972.	10.0	11
144	Sources, Transport and Fate of Organic Pollutants in the Oceanic Environment. , 2011, , 111-139.		11

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145	Combined experimental design and information theory for the optimization of supercritical fluid extraction of organic priority pollutants from sediment. <i>Analytica Chimica Acta</i> , 1997, 351, 377-385.	5.4	10
146	Adsorption and Partitioning of Organic Compounds onto/into Fractal Sorbents. <i>Langmuir</i> , 2001, 17, 2533-2537.	3.5	10
147	Coming in from the cold. <i>Nature Climate Change</i> , 2011, 1, 247-248.	18.8	10
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