

# Jordi Dachs

## List of Publications by Year in descending order

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173  
papers

10,619  
citations

23879

60  
h-index

45040

94  
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176  
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176  
docs citations

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times ranked

9106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and air-water diffusive exchange legacy persistent organic pollutants in an oligotrophic north Patagonian lake. <i>Environmental Research</i> , 2022, 204, 112042.	3.7	6
2	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.	1.7	36
3	Organophosphate ester pollution in the oceans. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 309-322.	12.2	55
4	Microbial metabolic routes in metagenome assembled genomes are mirrored by the mass balance of polycyclic aromatic hydrocarbons in a high altitude lake. <i>Environmental Pollution</i> , 2022, 308, 119592.	3.7	0
5	Toward a Multi-Omics-Based Single-Cell Environmental Chemistry and Toxicology. <i>Environmental Science &amp; Technology</i> , 2022, 56, 10550-10552.	4.6	2
6	Legacy and novel flame retardants from indoor dust in Antarctica: Sources and human exposure. <i>Environmental Research</i> , 2021, 196, 110344.	3.7	15
7	Responses of Coastal Marine Microbiomes Exposed to Anthropogenic Dissolved Organic Carbon. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9609-9621.	4.6	16
8	Bacterial responses to background organic pollutants in the northeast subarctic Pacific Ocean. <i>Environmental Microbiology</i> , 2021, 23, 4532-4546.	1.8	11
9	Rain Amplification of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2021, 55, 12961-12972.	4.6	11
10	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.	3.9	13
11	Microbial responses to perfluoroalkyl substances and perfluorooctanesulfonate (PFOS) desulfurization in the Antarctic marine environment. <i>Water Research</i> , 2020, 171, 115434.	5.3	39
12	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.	1.5	14
13	Enrichment of perfluoroalkyl substances in the sea-surface microlayer and sea-spray aerosols in the Southern Ocean. <i>Environmental Pollution</i> , 2020, 267, 115512.	3.7	44
14	Why Was My Paper Rejected without Review?. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11641-11644.	4.6	10
15	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.	3.9	18
16	Anthropogenic dissolved organic carbon and marine microbiomes. <i>ISME Journal</i> , 2020, 14, 2646-2648.	4.4	33
17	Fate of Pyrethroids in Freshwater and Marine Environments. <i>Handbook of Environmental Chemistry</i> , 2020, , 81-107.	0.2	3
18	Vertical transport and sinks of perfluoroalkyl substances in the global open ocean. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1957-1969.	1.7	24

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19	Snow Amplification of Persistent Organic Pollutants at Coastal Antarctica. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8872-8882.	4.6	58
20	Microbial consumption of organophosphate esters in seawater under phosphorus limited conditions. <i>Scientific Reports</i> , 2019, 9, 233.	1.6	44
21	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.	3.9	23
22	Microbial responses to anthropogenic dissolved organic carbon in the Arctic and Antarctic coastal seawaters. <i>Environmental Microbiology</i> , 2019, 21, 1466-1481.	1.8	28
23	Biodegradation as an important sink of aromatic hydrocarbons in the oceans. <i>Nature Geoscience</i> , 2019, 12, 119-125.	5.4	114
24	Polychlorinated Biphenyls in the Global Ocean. , 2019, , 269-282.		4
25	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.	3.9	11
26	Pivotal Role of Snow Deposition and Melting Driving Fluxes of Polycyclic Aromatic Hydrocarbons at Coastal Livingston Island (Antarctica). <i>Environmental Science &amp; Technology</i> , 2018, 52, 12327-12337.	4.6	23
27	Seasonal soil/snow-air exchange of semivolatile organic pollutants at a coastal arctic site (TromsÅ,) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	33
28	Degradation of sulfonamides as a microbial resistance mechanism. <i>Water Research</i> , 2017, 115, 309-317.	5.3	81
29	Accumulation of Perfluoroalkylated Substances in Oceanic Plankton. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2766-2775.	4.6	78
30	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.	0.6	14
31	Effects of pre-exposure on the indigenous biodegradation of 14 C-phenanthrene in Antarctic soils. <i>International Biodeterioration and Biodegradation</i> , 2017, 125, 189-199.	1.9	5
32	Dysregulation of photosynthetic genes in oceanic <i>Prochlorococcus</i> populations exposed to organic pollutants. <i>Scientific Reports</i> , 2017, 7, 8029.	1.6	27
33	Long-range transport of airborne microbes over the global tropical and subtropical ocean. <i>Nature Communications</i> , 2017, 8, 201.	5.8	127
34	Role of Snow Deposition of Perfluoroalkylated Substances at Coastal Livingston Island (Maritime) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50	4.6	68
35	Persistent organic pollutants in the atmosphere of the Antarctic Plateau. <i>Atmospheric Environment</i> , 2017, 149, 104-108.	1.9	14
36	High atmosphere-ocean exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016, 9, 438-442.	5.4	116

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37	Toxicity of natural mixtures of organic pollutants in temperate and polar marine phytoplankton. <i>Science of the Total Environment</i> , 2016, 571, 34-41.	3.9	33
38	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.	3.9	40
39	Organophosphate Ester Flame Retardants and Plasticizers in the Global Oceanic Atmosphere. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12831-12839.	4.6	109
40	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.	1.9	41
41	Air-Sea Exchange of Organochlorine Pesticides in the Southern Ocean between Australia and Antarctica. <i>Environmental Science &amp; Technology</i> , 2016, 50, 8001-8009.	4.6	68
42	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.	3.9	26
43	Iodine oxide in the global marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 583-593.	1.9	84
44	Atmospheric Deposition of POPs. <i>Comprehensive Analytical Chemistry</i> , 2015, , 295-322.	0.7	13
45	Unexpected Occurrence of Volatile Dimethylsiloxanes in Antarctic Soils, Vegetation, Phytoplankton, and Krill. <i>Environmental Science &amp; Technology</i> , 2015, 49, 4415-4424.	4.6	47
46	Celebrating Bidleman's 1988 "Atmospheric Processes". <i>Environmental Science &amp; Technology</i> , 2015, 49, 1235-1236.	4.6	2
47	Response to Comments on "Unexpected Occurrence of Volatile Dimethylsiloxanes in Antarctic Soils, Vegetation, Phytoplankton and Krill". <i>Environmental Science &amp; Technology</i> , 2015, 49, 7510-7512.	4.6	7
48	Oceanic Sink and Biogeochemical Controls on the Accumulation of Polychlorinated Dibenzo- <i>p</i> -dioxins, Dibenzofurans, and Biphenyls in Plankton. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13853-13861.	4.6	24
49	Out of Thin Air: Microbial Utilization of Atmospheric Gaseous Organics in the Surface Ocean. <i>Frontiers in Microbiology</i> , 2015, 6, 1566.	1.5	2
50	Clade-Specific Quantitative Analysis of Photosynthetic Gene Expression in <i>Prochlorococcus</i> . <i>PLoS ONE</i> , 2015, 10, e0133207.	1.1	5
51	Diurnal Variability of Persistent Organic Pollutants in the Atmosphere over the Remote Southern Atlantic Ocean. <i>Atmosphere</i> , 2014, 5, 622-634.	1.0	1
52	Ocean-atmosphere exchange of organic carbon and CO <sub>2</sub> surrounding the Antarctic Peninsula. <i>Biogeosciences</i> , 2014, 11, 2755-2770.	1.3	20
53	Sources and fate of polycyclic aromatic hydrocarbons in the Antarctic and Southern Ocean atmosphere. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1424-1436.	1.9	54
54	Perfluoroalkylated Substances in the Global Tropical and Subtropical Surface Oceans. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13076-13084.	4.6	108

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55	Organophosphate Ester (OPE) Flame Retardants and Plasticizers in the Open Mediterranean and Black Seas Atmosphere. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3203-3209.	4.6	132
56	Background Concentrations of Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls in the Global Oceanic Atmosphere. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10198-10207.	4.6	27
57	Field Measurements of the Atmospheric Dry Deposition Fluxes and Velocities of Polycyclic Aromatic Hydrocarbons to the Global Oceans. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5583-5592.	4.6	32
58	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.	1.9	39
59	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW Tj ETQq1 1 0.784314 rgBT /Overlo 1.5 14	1.5	14
60	Atmospheric occurrence and deposition of hexachlorobenzene and hexachlorocyclohexanes in the Southern Ocean and Antarctic Peninsula. <i>Atmospheric Environment</i> , 2013, 80, 41-49.	1.9	61
61	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.	3.7	21
62	Climatic and Biogeochemical Controls on the Remobilization and Reservoirs of Persistent Organic Pollutants in Antarctica. <i>Environmental Science &amp; Technology</i> , 2013, 47, 4299-4306.	4.6	94
63	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 &amp; Technology</i> , 2013, 47, 7195-7203.	4.6	58
64	Polychlorinated Biphenyls, Hexachlorocyclohexanes and Hexachlorobenzene in Seawater and Phytoplankton from the Southern Ocean (Weddell, South Scotia, and Bellingshausen Seas). <i>Environmental Science &amp; Technology</i> , 2013, 47, 5578-5587.	4.6	73
65	Soil-Air Exchange Controls on Background Atmospheric Concentrations of Polychlorinated Biphenyls (PCBs), Organochlorine Pesticides (OCPs), and Polycyclic Aromatic Hydrocarbons (PAHs): A Case Study from Temperate Regions. <i>ACS Symposium Series</i> , 2013, , 19-38.	0.5	3
66	Sources, Transport and Deposition of Atmospheric Organic Pollutants in the Mediterranean Sea. <i>ACS Symposium Series</i> , 2013, , 231-260.	0.5	7
67	Factors affecting the atmospheric occurrence and deposition of polychlorinated biphenyls in the Southern Ocean. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 12029-12041.	1.9	47
68	Atmospheric Transport, Cycling and Dynamics of Polychlorinated Biphenyls (PCBs) from Source Regions to Remote Oceanic Areas. <i>ACS Symposium Series</i> , 2013, , 3-18.	0.5	10
69	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.	1.9	49
70	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.	1.8	61
71	Transference of Atmospheric Hydroxyl Radical to the Ocean Surface Induces High Phytoplankton Cell Death. <i>Photochemistry and Photobiology</i> , 2012, 88, 1473-1479.	1.3	3
72	Biological Pump Control of the Fate and Distribution of Hydrophobic Organic Pollutants in Water and Plankton. <i>Environmental Science &amp; Technology</i> , 2012, 46, 3204-3211.	4.6	119

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73	Influence of Organic Matter Content and Human Activities on the Occurrence of Organic Pollutants in Antarctic Soils, Lichens, Grass, and Mosses. <i>Environmental Science &amp; Technology</i> , 2012, 46, 1396-1405.	4.6	144
74	Re-examination of global emerging patterns of ocean DMS concentration. <i>Biogeochemistry</i> , 2012, 110, 173-182.	1.7	32
75	The oceanic biological pump modulates the atmospheric transport of persistent organic pollutants to the Arctic. <i>Nature Communications</i> , 2012, 3, 862.	5.8	128
76	Occurrence of Aerosol-Bound Fullerenes in the Mediterranean Sea Atmosphere. <i>Environmental Science &amp; Technology</i> , 2012, 46, 1335-1343.	4.6	75
77	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 &amp; Technology</i> , 2012, 46, 10012-10021.	4.6	44
78	The riverine inputâ€œoutput paradox for organic pollutants. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 405-406.	1.9	7
79	Biodegradation of phenanthrene by indigenous microorganisms in soils from Livingstone Island, Antarctica. <i>FEMS Microbiology Letters</i> , 2012, 329, 69-77.	0.7	25
80	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.	3.7	134
81	Ubiquitous Net Volatilization of Polycyclic Aromatic Hydrocarbons from Soils and Parameters Influencing Their Soilâ€œAir Partitioning. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4740-4747.	4.6	96
82	Coming in from the cold. <i>Nature Climate Change</i> , 2011, 1, 247-248.	8.1	10
83	Persistent Organic Pollutants in Mediterranean Seawater and Processes Affecting Their Accumulation in Plankton. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4315-4322.	4.6	112
84	Factors Influencing the Soilâ€œAir Partitioning and the Strength of Soils as a Secondary Source of Polychlorinated Biphenyls to the Atmosphere. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4785-4792.	4.6	84
85	Novel System for Controlled Investigation of Environmental Partitioning of Hydrophobic Compounds in Water. <i>Environmental Science &amp; Technology</i> , 2011, 45, 7834-7840.	4.6	5
86	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.	1.9	126
87	Soil-Air exchange controls on background atmospheric concentrations of organochlorine pesticides. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12799-12811.	1.9	69
88	Marine ecosystemsâ€™ responses to climatic and anthropogenic forcings in the Mediterranean. <i>Progress in Oceanography</i> , 2011, 91, 97-166.	1.5	385
89	Cell size dependence of additive versus synergetic effects of UV radiation and PAHs on oceanic phytoplankton. <i>Environmental Pollution</i> , 2011, 159, 1307-1316.	3.7	44
90	Sources, Transport and Fate of Organic Pollutants in the Oceanic Environment. , 2011, , 111-139.		11

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91	Air-water exchange and vertical profiles of organic carbon in a subarctic fjord. <i>Limnology and Oceanography</i> , 2010, 55, 1733-1740.	1.6	23
92	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.	1.0	94
93	Cell size dependent toxicity thresholds of polycyclic aromatic hydrocarbons to natural and cultured phytoplankton populations. <i>Environmental Pollution</i> , 2010, 158, 299-307.	3.7	114
94	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.	4.2	75
95	Atlantic Ocean Surface Waters Buffer Declining Atmospheric Concentrations of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6978-6984.	4.6	63
96	Atmospheric Occurrence and Deposition of Polychlorinated Dibenzo- <i>p</i> -Dioxins and Dibenzofurans (PCDD/Fs) in the Open Mediterranean Sea. <i>Environmental Science &amp; Technology</i> , 2010, 44, 5456-5463.	4.6	46
97	Field-derived Henry's law constants for polychlorinated biphenyls in oceanic waters. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7
98	Past, Present, and Future Controls on Levels of Persistent Organic Pollutants in the Global Environment. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6526-6531.	4.6	214
99	Deposition of Dissolved and Particulate-Bound Chemicals from the Surface Ocean. , 2010, , 495-512.		0
100	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.	2.3	21
101	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.	3.7	22
102	Development of a Soil Fugacity Sampler for Determination of Air-Soil Partitioning of Persistent Organic Pollutants under Field Controlled Conditions. <i>Environmental Science &amp; Technology</i> , 2009, 43, 8257-8263.	4.6	61
103	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.	4.2	40
104	Accumulation and Cycling of Polycyclic Aromatic Hydrocarbons in Zooplankton. <i>Environmental Science &amp; Technology</i> , 2009, 43, 2295-2301.	4.6	134
105	Atmospheric deposition of organic and black carbon to the global oceans. <i>Atmospheric Environment</i> , 2008, 42, 7931-7939.	1.9	215
106	PAHs in Air and Seawater along a North-South Atlantic Transect: Trends, Processes and Possible Sources. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1580-1585.	4.6	156
107	Polychlorinated biphenyls in air and water of the North Atlantic and Arctic Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	85
108	Seasonal air-water exchange fluxes of polychlorinated biphenyls in the Hudson River Estuary. <i>Environmental Pollution</i> , 2008, 152, 443-451.	3.7	44

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109	Seasonality in the "grasshopping" and atmospheric residence times of persistent organic pollutants over the oceans. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	49
110	Clustering of Nonpolar Organic Compounds in Lipid Media: Evidence and Implications. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11699-11703.	1.1	12
111	Polychlorinated Biphenyls (PCBs) in Air and Seawater of the Atlantic Ocean: Sources, Trends and Processes. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1416-1422.	4.6	119
112	Global fate of POPs: Current and future research directions. <i>Environmental Pollution</i> , 2007, 150, 150-165.	3.7	480
113	Atmospheric Occurrence and Deposition of Polycyclic Aromatic Hydrocarbons in the Northeast Tropical and Subtropical Atlantic Ocean. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5608-5613.	4.6	60
114	Influence of the surface microlayer on atmospheric deposition of aerosols and polycyclic aromatic hydrocarbons. <i>Atmospheric Environment</i> , 2007, 41, 4920-4930.	1.9	31
115	Fate of persistent organic pollutants in the water column: Does turbulent mixing matter?. <i>Marine Pollution Bulletin</i> , 2007, 54, 441-451.	2.3	56
116	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
117	Aerosol inputs enhance new production in the subtropical northeast Atlantic. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	81
118	Oceanic deep water formation as a sink of persistent organic pollutants. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	71
119	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.	3.7	45
120	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.	1.6	49
121	Enrichment of organochlorine contaminants in the sea surface microlayer: An organic carbon-driven process. <i>Marine Chemistry</i> , 2005, 96, 331-345.	0.9	46
122	Atmospheric Concentrations and Deposition of Polycyclic Aromatic Hydrocarbons to the Mid-Atlantic East Coast Region. <i>Environmental Science &amp; Technology</i> , 2005, 39, 5550-5559.	4.6	89
123	Comparison of sampling devices for the determination of polychlorinated biphenyls in the sea surface microlayer. <i>Marine Environmental Research</i> , 2005, 59, 255-275.	1.1	27
124	Wet Deposition of Persistent Organic Pollutants to the Global Oceans. <i>Environmental Science &amp; Technology</i> , 2005, 39, 2426-2435.	4.6	125
125	High atmosphere-ocean exchange of organic carbon in the NE subtropical Atlantic. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	60
126	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.	2.3	34



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127	Evidence for Dynamic Air-Water Coupling and Cycling of Persistent Organic Pollutants over the Open Atlantic Ocean. <i>Environmental Science &amp; Technology</i> , 2004, 38, 2617-2625.	4.6	113
128	Atmospheric Concentrations and Deposition of Polychlorinated Biphenyls to the Hudson River Estuary. <i>Environmental Science &amp; Technology</i> , 2004, 38, 2568-2573.	4.6	70
129	Response to the Comment on "Influence of Soot Carbon on the Soil-Air Partitioning of Polycyclic Aromatic Hydrocarbons". <i>Environmental Science &amp; Technology</i> , 2004, 38, 1624-1625.	4.6	22
130	Potential Contamination of Shipboard Air Samples by Diffusive Emissions of PCBs and Other Organic Pollutants: Implications and Solutions. <i>Environmental Science &amp; Technology</i> , 2004, 38, 3965-3970.	4.6	49
131	Maximum reservoir capacity of vegetation for persistent organic pollutants: Implications for global cycling. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	38
132	Atmospheric Dry Deposition of Persistent Organic Pollutants to the Atlantic and Inferences for the Global Oceans. <i>Environmental Science &amp; Technology</i> , 2004, 38, 5505-5513.	4.6	144
133	Latitudinal and seasonal capacity of the surface oceans as a reservoir of polychlorinated biphenyls. <i>Environmental Pollution</i> , 2004, 128, 149-162.	3.7	59
134	Processes controlling diurnal variations of PCDD/Fs in the New Jersey coastal atmosphere. <i>Atmospheric Environment</i> , 2003, 37, 959-969.	1.9	27
135	Sea Breeze Modulated Volatilization of Polycyclic Aromatic Hydrocarbons from the Masnou Harbor (NW Mediterranean Sea). <i>Environmental Science &amp; Technology</i> , 2003, 37, 3794-3802.	4.6	27
136	Influence of Soot Carbon on the Soil-Air Partitioning of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science &amp; Technology</i> , 2003, 37, 2675-2680.	4.6	87
137	Conformational Entropy Drives Slow Sorption of Organic Chemicals into Fractal Sorbents. <i>Langmuir</i> , 2002, 18, 7089-7091.	1.6	0
138	Oceanic Biogeochemical Controls on Global Dynamics of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2002, 36, 4229-4237.	4.6	345
139	Global ocean emission of dimethylsulfide predicted from biogeophysical data. <i>Global Biogeochemical Cycles</i> , 2002, 16, 26-1-26-10.	1.9	177
140	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.	1.9	66
141	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.	2.2	82
142	Prediction of uptake dynamics of persistent organic pollutants by bacteria and phytoplankton. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2099-2107.	2.2	109
143	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.	2.2	66
144	Prediction of uptake dynamics of persistent organic pollutants by bacteria and phytoplankton. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2099-107.	2.2	14

#	ARTICLE	IF	CITATIONS
145	Dynamic Air <sup>seamless</sup> Water Exchange of Polychlorinated Biphenyls in the New York <sup>seamless</sup> New Jersey Harbor Estuary. <i>Environmental Science &amp; Technology</i> , 2001, 35, 3834-3840.	4.6	103
146	Adsorption and Partitioning of Organic Compounds onto/into Fractal Sorbents. <i>Langmuir</i> , 2001, 17, 2533-2537.	1.6	10
147	Atmospheric polychlorinated biphenyl concentrations and apparent degradation in coastal New Jersey. <i>Atmospheric Environment</i> , 2001, 35, 3325-3339.	1.9	83
148	Polychlorinated biphenyls and particulate organic/elemental carbon in the atmosphere of Chesapeake Bay, USA. <i>Atmospheric Environment</i> , 2001, 35, 5663-5677.	1.9	48
149	Persistent Organic Pollutants in the Coastal Atmosphere of the Mid-Atlantic States of the United States of America. <i>ACS Symposium Series</i> , 2000, , 28-57.	0.5	2
150	Influence of Eutrophication on Air <sup>seamless</sup> Water Exchange, Vertical Fluxes, and Phytoplankton Concentrations of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2000, 34, 1095-1102.	4.6	135
151	Polycyclic Aromatic Hydrocarbons in the New Jersey Coastal Atmosphere. <i>Environmental Science &amp; Technology</i> , 2000, 34, 3547-3554.	4.6	95
152	Adsorption onto Aerosol Soot Carbon Dominates Gas-Particle Partitioning of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science &amp; Technology</i> , 2000, 34, 3690-3697.	4.6	349
153	Atmospheric Seasonal Trends and Environmental Fate of Alkylphenols in the Lower Hudson River Estuary. <i>Environmental Science &amp; Technology</i> , 2000, 34, 2410-2417.	4.6	87
154	Evaluation of anthropogenic and biogenic inputs into the western Mediterranean using molecular markers. <i>Marine Chemistry</i> , 1999, 65, 195-210.	0.9	44
155	Coupling of Phytoplankton Uptake and Air <sup>seamless</sup> Water Exchange of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 1999, 33, 3653-3660.	4.6	150
156	Occurrence of Estrogenic Nonylphenols in the Urban and Coastal Atmosphere of the Lower Hudson River Estuary. <i>Environmental Science &amp; Technology</i> , 1999, 33, 2676-2679.	4.6	115
157	Monsoon-Driven Vertical Fluxes of Organic Pollutants in the Western Arabian Sea. <i>Environmental Science &amp; Technology</i> , 1999, 33, 3949-3956.	4.6	41
158	Trialkylamines and Coprostanol as Tracers of Urban Pollution in Waters from Enclosed Seas: The Mediterranean and Black Sea. <i>Environmental Science &amp; Technology</i> , 1999, 33, 3290-3296.	4.6	26
159	Effects of Adsorbate/Adsorbate Interactions and Surface Fractality on Diffusion- and Reaction-Limited Adsorption. <i>Langmuir</i> , 1999, 15, 8686-8690.	1.6	7
160	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.	0.9	32
161	On the occurrence of microscale chemical patches in fractal aggregates. <i>Ecological Modelling</i> , 1998, 107, 87-92.	1.2	7
162	Langmuir-Derived Model for Diffusion- and Reaction-Limited Adsorption of Organic Compounds on Fractal Aggregates. <i>Environmental Science &amp; Technology</i> , 1997, 31, 2754-2760.	4.6	20

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163	Spatial, Vertical Distribution and Budget of Polycyclic Aromatic Hydrocarbons in the Western Mediterranean Seawater. <i>Environmental Science &amp; Technology</i> , 1997, 31, 682-688.	4.6	126
164	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.	0.6	142
165	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.	0.6	73
166	Spatial distribution, vertical profiles and budget of organochlorine compounds in Western Mediterranean seawater. <i>Marine Chemistry</i> , 1997, 57, 313-324.	0.9	49
167	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.	2.6	10
168	Flicker Noise in Vertical Fluxes of Particle-Associated Contaminants in the Marine Environment. <i>Environmental Science &amp; Technology</i> , 1996, 30, 3392-3396.	4.6	2
169	Vertical fluxes of polycyclic aromatic hydrocarbons and organochlorine compounds in the western Alboran Sea (southwestern Mediterranean). <i>Marine Chemistry</i> , 1996, 52, 75-86.	0.9	102
170	Development of a supercritical fluid extraction procedure for tributyltin determination in sediments. <i>Analytica Chimica Acta</i> , 1994, 286, 319-327.	2.6	52
171	Optimization of a flame photometric detector for supercritical fluid chromatography of organotin compounds. <i>Journal of Chromatography A</i> , 1993, 636, 277-283.	1.8	23
172	Tributyltin speciation in aquatic matrices by CGC-FPD and CGC-MS confirmation. <i>Mikrochimica Acta</i> , 1992, 109, 87-91.	2.5	17
173	Polycyclic Aromatic Hydrocarbon Degradation in the Sea-Surface Microlayer at Coastal Antarctica. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	9