

Jordi Dachs

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4424622/jordi-dachs-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168
papers

8,555
citations

56
h-index

86
g-index

176
ext. papers

9,628
ext. citations

7.8
avg. IF

5.97
L-index

#	Paper	IF	Citations
168	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 ,	4.3	3
167	Bacterial responses to background organic pollutants in the northeast subarctic Pacific Ocean. <i>Environmental Microbiology</i> , 2021 , 23, 4532-4546	5.2	0
166	Legacy and novel flame retardants from indoor dust in Antarctica: Sources and human exposure. <i>Environmental Research</i> , 2021 , 196, 110344	7.9	5
165	Responses of Coastal Marine Microbiomes Exposed to Anthropogenic Dissolved Organic Carbon. <i>Environmental Science & Technology</i> , 2021 , 55, 9609-9621	10.3	6
164	Rain Amplification of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2021 , 55, 12961-12972	10.3	3
163	Occurrence and air-water diffusive exchange legacy persistent organic pollutants in an oligotrophic north Patagonian lake. <i>Environmental Research</i> , 2021 , 204, 112042	7.9	1
162	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	10.2	8
161	Anthropogenic dissolved organic carbon and marine microbiomes. <i>ISME Journal</i> , 2020 , 14, 2646-2648	11.9	16
160	Fate of Pyrethroids in Freshwater and Marine Environments. <i>Handbook of Environmental Chemistry</i> , 2020 , 81-107	0.8	0
159	Microbial responses to perfluoroalkyl substances and perfluorooctanesulfonate (PFOS) desulfurization in the Antarctic marine environment. <i>Water Research</i> , 2020 , 171, 115434	12.5	16
158	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	5.7	7
157	Enrichment of perfluoroalkyl substances in the sea-surface microlayer and sea-spray aerosols in the Southern Ocean. <i>Environmental Pollution</i> , 2020 , 267, 115512	9.3	17
156	Microbial consumption of organophosphate esters in seawater under phosphorus limited conditions. <i>Scientific Reports</i> , 2019 , 9, 233	4.9	28
155	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	10.2	15
154	Microbial responses to anthropogenic dissolved organic carbon in the Arctic and Antarctic coastal seawaters. <i>Environmental Microbiology</i> , 2019 , 21, 1466-1481	5.2	20
153	Vertical transport and sinks of perfluoroalkyl substances in the global open ocean. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 1957-1969	4.3	13
152	Snow Amplification of Persistent Organic Pollutants at Coastal Antarctica. <i>Environmental Science & Technology</i> , 2019 , 53, 8872-8882	10.3	25

151	Biodegradation as an important sink of aromatic hydrocarbons in the oceans. <i>Nature Geoscience</i> , 2019 , 12, 119-125	18.3	64
150	Polychlorinated Biphenyls in the Global Ocean 2019 , 269-282		3
149	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	10.2	7
148	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	10.3	15
147	Seasonal soil/snow-air exchange of semivolatile organic pollutants at a coastal arctic site (Tromsø). <i>Science of the Total Environment</i> , 2018 , 636, 1109-1116	10.2	24
146	Degradation of sulfonamides as a microbial resistance mechanism. <i>Water Research</i> , 2017 , 115, 309-317	12.5	45
145	Accumulation of Perfluoroalkylated Substances in Oceanic Plankton. <i>Environmental Science & Technology</i> , 2017 , 51, 2766-2775	10.3	49
144	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	2.3	7
143	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	4.8	2
142	Dysregulation of photosynthetic genes in oceanic Prochlorococcus populations exposed to organic pollutants. <i>Scientific Reports</i> , 2017 , 7, 8029	4.9	21
141	Long-range transport of airborne microbes over the global tropical and subtropical ocean. <i>Nature Communications</i> , 2017 , 8, 201	17.4	76
140	Role of Snow Deposition of Perfluoroalkylated Substances at Coastal Livingston Island (Maritime Antarctica). <i>Environmental Science & Technology</i> , 2017 , 51, 8460-8470	10.3	49
139	Persistent organic pollutants in the atmosphere of the Antarctic Plateau. <i>Atmospheric Environment</i> , 2017 , 149, 104-108	5.3	12
138	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	10.2	29
137	Organophosphate Ester Flame Retardants and Plasticizers in the Global Oceanic Atmosphere. <i>Environmental Science & Technology</i> , 2016 , 50, 12831-12839	10.3	78
136	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	6.8	33
135	Air-Seawater Exchange of Organochlorine Pesticides in the Southern Ocean between Australia and Antarctica. <i>Environmental Science & Technology</i> , 2016 , 50, 8001-9	10.3	42
134	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , 2016 , 545-546, 163-70	10.2	22

133	High atmosphere-ocean exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016 , 9, 438-442	18.3	79
132	Toxicity of natural mixtures of organic pollutants in temperate and polar marine phytoplankton. <i>Science of the Total Environment</i> , 2016 , 571, 34-41	10.2	26
131	Response to comments on "Unexpected occurrence of volatile dimethylsiloxanes in Antarctic soils, vegetation, phytoplankton and krill". <i>Environmental Science & Technology</i> , 2015 , 49, 7510-2	10.3	6
130	Oceanic Sink and Biogeochemical Controls on the Accumulation of Polychlorinated Dibenzo-p-dioxins, Dibenzofurans, and Biphenyls in Plankton. <i>Environmental Science & Technology</i> , 2015 , 49, 13853-61	10.3	15
129	Iodine oxide in the global marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 583-593	6.8	62
128	Atmospheric Deposition of POPs. <i>Comprehensive Analytical Chemistry</i> , 2015 , 295-322	1.9	12
127	Unexpected occurrence of volatile dimethylsiloxanes in Antarctic soils, vegetation, phytoplankton, and krill. <i>Environmental Science & Technology</i> , 2015 , 49, 4415-24	10.3	34
126	Celebrating Bidleman's 1988 "atmospheric processes". <i>Environmental Science & Technology</i> , 2015 , 49, 1235-6	10.3	2
125	Clade-Specific Quantitative Analysis of Photosynthetic Gene Expression in <i>Prochlorococcus</i> . <i>PLoS ONE</i> , 2015 , 10, e0133207	3.7	4
124	Out of Thin Air: Microbial Utilization of Atmospheric Gaseous Organics in the Surface Ocean. <i>Frontiers in Microbiology</i> , 2015 , 6, 1566	5.7	2
123	Sources and fate of polycyclic aromatic hydrocarbons in the Antarctic and Southern Ocean atmosphere. <i>Global Biogeochemical Cycles</i> , 2014 , 28, 1424-1436	5.9	41
122	Perfluoroalkylated substances in the global tropical and subtropical surface oceans. <i>Environmental Science & Technology</i> , 2014 , 48, 13076-84	10.3	73
121	Organophosphate ester (OPE) flame retardants and plasticizers in the open Mediterranean and Black Seas atmosphere. <i>Environmental Science & Technology</i> , 2014 , 48, 3203-9	10.3	107
120	Background concentrations of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in the global oceanic atmosphere. <i>Environmental Science & Technology</i> , 2014 , 48, 10198-207	10.3	26
119	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, 5583-92	10.3	23
118	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	6.8	33
117	Diurnal Variability of Persistent Organic Pollutants in the Atmosphere over the Remote Southern Atlantic Ocean. <i>Atmosphere</i> , 2014 , 5, 622-634	2.7	1
116	Ocean-atmosphere exchange of organic carbon and CO ₂ surrounding the Antarctic Peninsula. <i>Biogeosciences</i> , 2014 , 11, 2755-2770	4.6	15

115	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW Mediterranean). <i>Progress in Oceanography</i> , 2013 , 118, 260-272	3.8	12
114	Atmospheric occurrence and deposition of hexachlorobenzene and hexachlorocyclohexanes in the Southern Ocean and Antarctic Peninsula. <i>Atmospheric Environment</i> , 2013 , 80, 41-49	5.3	51
113	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	9.3	16
112	Climatic and biogeochemical controls on the remobilization and reservoirs of persistent organic pollutants in Antarctica. <i>Environmental Science & Technology</i> , 2013 , 47, 4299-306	10.3	72
111	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, 7195-203	10.3	43
110	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, 5578-87	10.3	58
109	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	0.4	1
108	Sources, Transport and Deposition of Atmospheric Organic Pollutants in the Mediterranean Sea. <i>ACS Symposium Series</i> , 2013 , 231-260	0.4	6
107	Factors affecting the atmospheric occurrence and deposition of polychlorinated biphenyls in the Southern Ocean. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 12029-12041	6.8	38
106	Atmospheric Transport, Cycling and Dynamics of Polychlorinated Biphenyls (PCBs) from Source Regions to Remote Oceanic Areas. <i>ACS Symposium Series</i> , 2013 , 3-18	0.4	9
105	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, 40-7	9.3	103
104	Transference of atmospheric hydroxyl radical to the ocean surface induces high phytoplankton cell death. <i>Photochemistry and Photobiology</i> , 2012 , 88, 1473-9	3.6	3
103	Biological pump control of the fate and distribution of hydrophobic organic pollutants in water and plankton. <i>Environmental Science & Technology</i> , 2012 , 46, 3204-11	10.3	95
102	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, 1396-405	10.3	119
101	Re-examination of global emerging patterns of ocean DMS concentration. <i>Biogeochemistry</i> , 2012 , 110, 173-182	3.8	27
100	The oceanic biological pump modulates the atmospheric transport of persistent organic pollutants to the Arctic. <i>Nature Communications</i> , 2012 , 3, 862	17.4	102
99	Occurrence of aerosol-bound fullerenes in the Mediterranean Sea atmosphere. <i>Environmental Science & Technology</i> , 2012 , 46, 1335-43	10.3	67
98	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, 10012-21	10.3	38

97	The riverine input/output paradox for organic pollutants. <i>Frontiers in Ecology and the Environment</i> , 2012 , 10, 405-406	5.5	7
96	Biodegradation of phenanthrene by indigenous microorganisms in soils from Livingstone Island, Antarctica. <i>FEMS Microbiology Letters</i> , 2012 , 329, 69-77	2.9	23
95	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	6.8	40
94	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	4.5	43
93	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	5.9	97
92	Soil-Air exchange controls on background atmospheric concentrations of organochlorine pesticides. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 12799-12811	6.8	57
91	Marine ecosystems responses to climatic and anthropogenic forcings in the Mediterranean. <i>Progress in Oceanography</i> , 2011 , 91, 97-166	3.8	277
90	Cell size dependence of additive versus synergetic effects of UV radiation and PAHs on oceanic phytoplankton. <i>Environmental Pollution</i> , 2011 , 159, 1307-16	9.3	37
89	Ubiquitous net volatilization of polycyclic aromatic hydrocarbons from soils and parameters influencing their soil-air partitioning. <i>Environmental Science & Technology</i> , 2011 , 45, 4740-7	10.3	88
88	Persistent organic pollutants in Mediterranean seawater and processes affecting their accumulation in plankton. <i>Environmental Science & Technology</i> , 2011 , 45, 4315-22	10.3	93
87	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, 4785-92	10.3	71
86	Novel system for controlled investigation of environmental partitioning of hydrophobic compounds in water. <i>Environmental Science & Technology</i> , 2011 , 45, 7834-40	10.3	4
85	Sources, Transport and Fate of Organic Pollutants in the Oceanic Environment 2011 , 111-139		6
84	Atlantic ocean surface waters buffer declining atmospheric concentrations of persistent organic pollutants. <i>Environmental Science & Technology</i> , 2010 , 44, 6978-84	10.3	56
83	Atmospheric occurrence and deposition of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in the open Mediterranean Sea. <i>Environmental Science & Technology</i> , 2010 , 44, 5456-63	10.3	43
82	Field-derived Henry's law constants for polychlorinated biphenyls in oceanic waters. <i>Journal of Geophysical Research</i> , 2010 , 115,		5
81	Past, present, and future controls on levels of persistent organic pollutants in the global environment. <i>Environmental Science & Technology</i> , 2010 , 44, 6526-31	10.3	181
80	Air-water exchange and vertical profiles of organic carbon in a subarctic fjord. <i>Limnology and Oceanography</i> , 2010 , 55, 1733-1740	4.8	18

79	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	2.8	73
78	Cell size dependent toxicity thresholds of polycyclic aromatic hydrocarbons to natural and cultured phytoplankton populations. <i>Environmental Pollution</i> , 2010 , 158, 299-307	9.3	88
77	Decrease in the abundance and viability of oceanic phytoplankton due to trace levels of complex mixtures of organic pollutants. <i>Chemosphere</i> , 2010 , 81, 161-8	8.4	68
76	Deposition of Dissolved and Particulate-Bound Chemicals from the Surface Ocean 2010 , 495-512		
75	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, 1554-61	6.7	18
74	Seasonal fluxes and temperature-dependent accumulation of persistent organic pollutants in lakes: the role of internal biogeochemical cycling. <i>Environmental Pollution</i> , 2009 , 157, 1815-22	9.3	19
73	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, 8257-63	10.3	55
72	Surface waters are a source of polychlorinated biphenyls to the coastal atmosphere of the North-Western Mediterranean Sea. <i>Chemosphere</i> , 2009 , 75, 1144-52	8.4	38
71	Accumulation and cycling of polycyclic aromatic hydrocarbons in zooplankton. <i>Environmental Science & Technology</i> , 2009 , 43, 2295-301	10.3	115
70	Atmospheric deposition of organic and black carbon to the global oceans. <i>Atmospheric Environment</i> , 2008 , 42, 7931-7939	5.3	180
69	PAHs in air and seawater along a North-South Atlantic transect: trends, processes and possible sources. <i>Environmental Science & Technology</i> , 2008 , 42, 1580-5	10.3	135
68	Polychlorinated biphenyls in air and water of the North Atlantic and Arctic Ocean. <i>Journal of Geophysical Research</i> , 2008 , 113,		74
67	Seasonal air-water exchange fluxes of polychlorinated biphenyls in the Hudson River Estuary. <i>Environmental Pollution</i> , 2008 , 152, 443-51	9.3	35
66	Seasonality in the grasshopper and atmospheric residence times of persistent organic pollutants over the oceans. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	39
65	Clustering of nonpolar organic compounds in lipid media: evidence and implications. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 11699-703	2.8	10
64	Polychlorinated biphenyls (PCBs) in air and seawater of the Atlantic Ocean: sources, trends and processes. <i>Environmental Science & Technology</i> , 2008 , 42, 1416-22	10.3	103
63	Atmospheric occurrence and deposition of polycyclic aromatic hydrocarbons in the northeast tropical and subtropical Atlantic Ocean. <i>Environmental Science & Technology</i> , 2007 , 41, 5608-13	10.3	53
62	Influence of the surface microlayer on atmospheric deposition of aerosols and polycyclic aromatic hydrocarbons. <i>Atmospheric Environment</i> , 2007 , 41, 4920-4930	5.3	29

61	Fate of persistent organic pollutants in the water column: does turbulent mixing matter?. <i>Marine Pollution Bulletin</i> , 2007 , 54, 441-51	6.7	50
60	Global fate of POPs: current and future research directions. <i>Environmental Pollution</i> , 2007 , 150, 150-65	9.3	399
59	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,		11
58	Aerosol inputs enhance new production in the subtropical northeast Atlantic. <i>Journal of Geophysical Research</i> , 2006 , 111,		65
57	Oceanic deep water formation as a sink of persistent organic pollutants. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	63
56	Modelling the dynamic air-water-sediment coupled fluxes and occurrence of polychlorinated biphenyls in a high altitude lake. <i>Environmental Pollution</i> , 2006 , 140, 546-60	9.3	38
55	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	4.8	36
54	Atmospheric concentrations and deposition of polycyclic aromatic hydrocarbons to the Mid-Atlantic East Coast region. <i>Environmental Science & Technology</i> , 2005 , 39, 5550-9	10.3	77
53	Comparison of sampling devices for the determination of polychlorinated biphenyls in the sea surface microlayer. <i>Marine Environmental Research</i> , 2005 , 59, 255-75	3.3	25
52	Wet deposition of persistent organic pollutants to the global oceans. <i>Environmental Science & Technology</i> , 2005 , 39, 2426-35	10.3	112
51	High atmosphere-ocean exchange of organic carbon in the NE subtropical Atlantic. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	48
50	Enrichment of organochlorine contaminants in the sea surface microlayer: An organic carbon-driven process. <i>Marine Chemistry</i> , 2005 , 96, 331-345	3.7	40
49	Evaluation of sampling devices for the determination of polycyclic aromatic hydrocarbons in surface microlayer coastal waters. <i>Marine Pollution Bulletin</i> , 2004 , 48, 961-8	6.7	25
48	Evidence for dynamic air-water coupling and cycling of persistent organic pollutants over the open Atlantic Ocean. <i>Environmental Science & Technology</i> , 2004 , 38, 2617-25	10.3	107
47	Atmospheric concentrations and deposition of polychlorinated biphenyls to the Hudson River Estuary. <i>Environmental Science & Technology</i> , 2004 , 38, 2568-73	10.3	66
46	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	10.3	21
45	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, 3965-70	10.3	46
44	Maximum reservoir capacity of vegetation for persistent organic pollutants: Implications for global cycling. <i>Global Biogeochemical Cycles</i> , 2004 , 18, n/a-n/a	5.9	35

43	Atmospheric dry deposition of persistent organic pollutants to the Atlantic and inferences for the global oceans. <i>Environmental Science & Technology</i> , 2004 , 38, 5505-13	10.3	119
42	Latitudinal and seasonal capacity of the surface oceans as a reservoir of polychlorinated biphenyls. <i>Environmental Pollution</i> , 2004 , 128, 149-62	9.3	52
41	Processes controlling diurnal variations of PCDD/Fs in the New Jersey coastal atmosphere. <i>Atmospheric Environment</i> , 2003 , 37, 959-969	5.3	26
40	Sea breeze modulated volatilization of polycyclic aromatic hydrocarbons from the Masnou Harbor (NW Mediterranean Sea). <i>Environmental Science & Technology</i> , 2003 , 37, 3794-802	10.3	25
39	Influence of soot carbon on the soil-air partitioning of polycyclic aromatic hydrocarbons. <i>Environmental Science & Technology</i> , 2003 , 37, 2675-80	10.3	83
38	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	5.3	58
37	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	3.8	77
36	Prediction of uptake dynamics of persistent organic pollutants by bacteria and phytoplankton. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 2099-2107	3.8	89
35	Conformational Entropy Drives Slow Sorption of Organic Chemicals into Fractal Sorbents. <i>Langmuir</i> , 2002 , 18, 7089-7091	4	
34	Oceanic biogeochemical controls on global dynamics of persistent organic pollutants. <i>Environmental Science & Technology</i> , 2002 , 36, 4229-37	10.3	300
33	Global ocean emission of dimethylsulfide predicted from biogeophysical data. <i>Global Biogeochemical Cycles</i> , 2002 , 16, 26-1-26-10	5.9	148
32	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	3.8	63
31	Prediction of uptake dynamics of persistent organic pollutants by bacteria and phytoplankton. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 2099-107	3.8	10
30	Atmospheric polychlorinated biphenyl concentrations and apparent degradation in coastal New Jersey. <i>Atmospheric Environment</i> , 2001 , 35, 3325-3339	5.3	75
29	Polychlorinated biphenyls and particulate organic/elemental carbon in the atmosphere of Chesapeake Bay, USA. <i>Atmospheric Environment</i> , 2001 , 35, 5663-5677	5.3	44
28	Dynamic air-water exchange of polychlorinated biphenyls in the New York-New Jersey Harbor Estuary. <i>Environmental Science & Technology</i> , 2001 , 35, 3834-40	10.3	93
27	Adsorption and Partitioning of Organic Compounds onto/into Fractal Sorbents. <i>Langmuir</i> , 2001 , 17, 2533-2537	4	9
26	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	0.4	2

25	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	10.3	120
24	Polycyclic Aromatic Hydrocarbons in the New Jersey Coastal Atmosphere. <i>Environmental Science & Technology</i> , 2000 , 34, 3547-3554	10.3	91
23	Adsorption onto Aerosol Soot Carbon Dominates Gas-Particle Partitioning of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2000 , 34, 3690-3697	10.3	302
22	Atmospheric Seasonal Trends and Environmental Fate of Alkylphenols in the Lower Hudson River Estuary. <i>Environmental Science & Technology</i> , 2000 , 34, 2410-2417	10.3	84
21	Evaluation of anthropogenic and biogenic inputs into the western Mediterranean using molecular markers. <i>Marine Chemistry</i> , 1999 , 65, 195-210	3.7	38
20	Coupling of Phytoplankton Uptake and Air-Water Exchange of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 1999 , 33, 3653-3660	10.3	136
19	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	10.3	106
18	Monsoon-Driven Vertical Fluxes of Organic Pollutants in the Western Arabian Sea. <i>Environmental Science & Technology</i> , 1999 , 33, 3949-3956	10.3	38
17	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	10.3	22
16	Effects of Adsorbate-Adsorbate Interactions and Surface Fractality on Diffusion- and Reaction-Limited Adsorption. <i>Langmuir</i> , 1999 , 15, 8686-8690	4	6
15	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	3.7	29
14	On the occurrence of microscale chemical patches in fractal aggregates. <i>Ecological Modelling</i> , 1998 , 107, 87-92	3	6
13	Langmuir-Derived Model for Diffusion- and Reaction-Limited Adsorption of Organic Compounds on Fractal Aggregates. <i>Environmental Science & Technology</i> , 1997 , 31, 2754-2760	10.3	20
12	Spatial, Vertical Distribution and Budget of Polycyclic Aromatic Hydrocarbons in the Western Mediterranean Seawater. <i>Environmental Science & Technology</i> , 1997 , 31, 682-688	10.3	104
11	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	2.3	127
10	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	2.3	68
9	Spatial distribution, vertical profiles and budget of organochlorine compounds in Western Mediterranean seawater. <i>Marine Chemistry</i> , 1997 , 57, 313-324	3.7	47
8	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	6.6	9

7	Flicker Noise in Vertical Fluxes of Particle-Associated Contaminants in the Marine Environment. <i>Environmental Science & Technology</i> , 1996 , 30, 3392-3396	10.3	2
6	Vertical fluxes of polycyclic aromatic hydrocarbons and organochlorine compounds in the western Alboran Sea (southwestern Mediterranean). <i>Marine Chemistry</i> , 1996 , 52, 75-86	3.7	92
5	Development of a supercritical fluid extraction procedure for tributyltin determination in sediments. <i>Analytica Chimica Acta</i> , 1994 , 286, 319-327	6.6	43
4	Optimization of a flame photometric detector for supercritical fluid chromatography of organotin compounds. <i>Journal of Chromatography A</i> , 1993 , 636, 277-283	4.5	15
3	Tributyltin speciation in aquatic matrices by CGC-FPD and CGC-MS confirmation. <i>Mikrochimica Acta</i> , 1992 , 109, 87-91	5.8	15
2	Dissolved Black Carbon and Semivolatile Aromatic Hydrocarbons in the Ocean: Two Entangled Biogeochemical Cycles?. <i>Environmental Science and Technology Letters</i> ,	11	2
1	Organophosphate ester pollution in the oceans. <i>Nature Reviews Earth & Environment</i> ,	30.2	4