

John W Farrington

List of Publications by Year in descending order

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102
papers

8,797
citations

38742

50
h-index

42399

92
g-index

106
all docs

106
docs citations

106
times ranked

5481
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mussel Watch. <i>Environmental Conservation</i> , 1978, 5, 101-125.	1.3	692
2	Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. <i>Marine Pollution Bulletin</i> , 2011, 62, 1683-1692.	5.0	654
3	Combustion-Derived Polycyclic Aromatic Hydrocarbons in the Environment—A Review. <i>Environmental Forensics</i> , 2005, 6, 109-131.	2.6	497
4	U.S. "Mussel Watch" 1976-1978: an overview of the trace-metal, DDE, PCB, hydrocarbon and artificial radionuclide data. <i>Environmental Science & Technology</i> , 1983, 17, 490-496.	10.0	382
5	Sedimentary Polycyclic Aromatic Hydrocarbons: The Historical Record. <i>Science</i> , 1977, 198, 829-831.	12.6	292
6	Sediment Porewater Partitioning of Polycyclic Aromatic Hydrocarbons in Three Cores from Boston Harbor, Massachusetts. <i>Environmental Science & Technology</i> , 1995, 29, 1542-1550.	10.0	280
7	Hydrocarbons in western North Atlantic surface sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1977, 41, 1627-1641.	3.9	245
8	Polycyclic aromatic hydrocarbons in an anoxic sediment core from the Pettaquamscutt River (Rhode) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	214
9	Comparison of their Situand Desorption Sediment~Water Partitioning of Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls. <i>Environmental Science & Technology</i> , 1996, 30, 172-177.	10.0	197
10	Early diagenesis of amino acids and organic matter in two coastal marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1987, 51, 1-15.	3.9	183
11	Biogeochemistry of particulate organic matter in the oceans: results from sediment trap experiments. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1984, 31, 509-528.	1.5	179
12	Petroleum hydrocarbons in Narragansett Bay. <i>Estuarine and Coastal Marine Science</i> , 1973, 1, 71-79.	0.9	176
13	Trace organic contamination in the Americas: An overview of the US National Status & Trends and the International "Mussel Watch" programmes. <i>Marine Pollution Bulletin</i> , 1995, 31, 214-225.	5.0	176
14	Edward D. Goldberg's proposal of "the Mussel Watch": Reflections after 40 years. <i>Marine Pollution Bulletin</i> , 2016, 110, 501-510.	5.0	170
15	Aspects of the polycyclic aromatic hydrocarbon geochemistry of recent sediments in the Georges Bank region. <i>Environmental Science & Technology</i> , 1984, 18, 840-845.	10.0	167
16	Organic matter fluxes from sediment traps in the equatorial Atlantic Ocean. <i>Nature</i> , 1980, 286, 798-800.	27.8	153
17	Use of the alkenone unsaturation ratio U _{37k} to determine past sea surface temperatures: core-top SST calibrations and methodology considerations. <i>Earth and Planetary Science Letters</i> , 1991, 104, 36-47.	4.4	147
18	Marine and terrigenous lipids in coastal sediments from the Peru upwelling region at 15°S: Sterols and triterpene alcohols. <i>Organic Geochemistry</i> , 1987, 11, 463-477.	1.8	145

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19	Quantifying early diagenesis of fatty acids in a rapidly accumulating coastal marine sediment. <i>Organic Geochemistry</i> , 1992, 19, 205-216.	1.8	135
20	Transport of Sludge-Derived Organic Pollutants to Deep-Sea Sediments at Deep Water Dump Site 106. <i>Environmental Science & Technology</i> , 1994, 28, 1062-1072.	10.0	131
21	Biogeochemistry of PCBs in interstitial waters of a coastal marine sediment. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 157-169.	3.9	130
22	The West Falmouth oil spill after 20 years: Fate of fuel oil compounds and effects on animals. <i>Marine Pollution Bulletin</i> , 1992, 24, 607-614.	5.0	125
23	Monooxygenase Induction and Chlorobiphenyls in the Deep-Sea Fish <i>Coryphaenoides armatus</i> . <i>Science</i> , 1986, 231, 1287-1289.	12.6	120
24	Peru upwelling region sediments near 15°S. 1. Remineralization and accumulation of organic matter. <i>Limnology and Oceanography</i> , 1984, 29, 1-19.	3.1	115
25	Hydrocarbons in cores of northwestern Atlantic coastal and continental margin sediments. <i>Estuarine and Coastal Marine Science</i> , 1977, 5, 793-808.	0.9	107
26	Peru upwelling region sediments near 15°S. 2. Dissolved free and total hydrolyzable amino acids. <i>Limnology and Oceanography</i> , 1984, 29, 20-34.	3.1	107
27	Amino acids in interstitial waters of marine sediments. <i>Nature</i> , 1979, 279, 319-322.	27.8	106
28	Deep Advective Transport of Lithogenic Particles in Panama Basin. <i>Science</i> , 1982, 216, 516-518.	12.6	103
29	Fatty acids and Pb-210 geochronology of a sediment core from Buzzards Bay, Massachusetts. <i>Geochimica Et Cosmochimica Acta</i> , 1977, 41, 289-296.	3.9	100
30	Vertical flux of fatty acids in the North Atlantic Ocean. <i>Journal of Marine Research</i> , 1983, 41, 19-41.	0.3	100
31	The organic geochemistry of Peru margin surface sediments: I. A comparison of the C37 alkenone and historical El Niño records. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 1671-1682.	3.9	97
32	Sterenes in surface sediments from the southwest African shelf and slope. <i>Geochimica Et Cosmochimica Acta</i> , 1978, 42, 1091-1101.	3.9	90
33	Analyses of Aromatic Hydrocarbons in Intertidal Sediments Resulting from Two Spills of No. 2 Fuel Oil in Buzzards Bay, Massachusetts. <i>Journal of the Fisheries Research Board of Canada</i> , 1978, 35, 510-520.	0.9	89
34	Identification of a novel alkenone in Black Sea sediments. <i>Organic Geochemistry</i> , 2001, 32, 633-645.	1.8	89
35	Hydrocarbons in surface sediments from a Guaymas Basin hydrothermal vent site. <i>Organic Geochemistry</i> , 1988, 12, 547-558.	1.8	86
36	Biogeochemistry of fatty acids in recent sediments from Narragansett Bay, Rhode Island. <i>Geochimica Et Cosmochimica Acta</i> , 1973, 37, 259-268.	3.9	85

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37	Sterol geochemistry of sediments from the western North Atlantic Ocean and adjacent coastal areas. <i>Geochimica Et Cosmochimica Acta</i> , 1979, 43, 35-46.	3.9	83
38	Geochemical implications of the lipid composition of <i>Thioploca</i> spp. from the Peru upwelling region at 15°S. <i>Organic Geochemistry</i> , 1989, 14, 61-68.	1.8	76
39	Variations in the composition of particulate organic matter in a time-series sediment trap. <i>Marine Chemistry</i> , 1983, 13, 181-194.	2.3	70
40	Comparison of sampling and extraction techniques for fatty acids in recent sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1971, 35, 735-741.	3.9	67
41	Sterol diagenesis in Recent sediments from Buzzards Bay, Massachusetts. <i>Geochimica Et Cosmochimica Acta</i> , 1977, 41, 985-992.	3.9	67
42	Methane production in the waters off Walvis Bay. <i>Journal of Geophysical Research</i> , 1977, 82, 4947-4953.	3.3	66
43	Variability in lipid flux and composition of particulate matter in the Peru upwelling region. <i>Organic Geochemistry</i> , 1984, 6, 203-215.	1.8	65
44	Modifications of the C37 alkenone and alkenoate composition in the water column and sediment: Possible implications for sea surface temperature estimates in paleoceanography. <i>Geochemistry, Geophysics, Geosystems</i> , 2000, 1, n/a-n/a.	2.5	63
45	Persistent Organic Pollutants (POPs), Polycyclic Aromatic Hydrocarbons (PAHs), and Plastics: Examples of the Status, Trend, and Cycling of Organic Chemicals of Environmental Concern in the Ocean. <i>Oceanography</i> , 2014, 27, 196-213.	1.0	61
46	The organic geochemistry of Peru margin surface sediments: II. Paleoenvironmental implications of hydrocarbon and alcohol profiles. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 483-498.	3.9	60
47	Biogeochemistry of benzantracene in an enclosed marine ecosystem. <i>Environmental Science & Technology</i> , 1980, 14, 1136-1143.	10.0	54
48	Biogeochemistry of lipids in surface sediments of the Peru Upwelling Area at 15°S. <i>Organic Geochemistry</i> , 1988, 13, 607-617.	1.8	53
49	Geochemistry of sterols in sediments from Black Sea and the southwest African shelf and slope. <i>Organic Geochemistry</i> , 1980, 2, 103-113.	1.8	52
50	Sterenes in suspended particulate matter in the eastern tropical North Pacific. <i>Nature</i> , 1984, 308, 840-843.	27.8	52
51	Sewage contamination in sediments beneath a deep-ocean dump site off New York. <i>Marine Environmental Research</i> , 1994, 38, 43-59.	2.5	52
52	Evidence for grazing-mediated production of dissolved surface-active material by marine protists. <i>Marine Chemistry</i> , 2002, 77, 133-142.	2.3	49
53	Intercalibration of analyses of recently biosynthesized hydrocarbons and petroleum hydrocarbons in marine lipids. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1973, 10, 129-136.	2.7	48
54	The 1974 spill of the Bouchard 65 oil barge: Petroleum hydrocarbons persist in Winsor Cove salt marsh sediments. <i>Marine Pollution Bulletin</i> , 2007, 54, 214-225.	5.0	48

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55	“Unresolved Complex Mixture”(UCM): A brief history of the term and moving beyond it. Marine Pollution Bulletin, 2015, 96, 29-31.	5.0	46
56	Influence of mode of exposure and the presence of a tubicolous polychaete on the fate of benz[a]anthracene in the benthos. Environmental Science & Technology, 1990, 24, 1648-1655.	10.0	44
57	The relationship between lipid composition and seasonal differences in the distribution of PCBs in <i>Mytilus edulis</i> L.. Marine Environmental Research, 1989, 28, 259-264.	2.5	42
58	Oil Pollution in the Marine Environment II: Fates and Effects of Oil Spills. Environment, 2014, 56, 16-31.	1.4	41
59	Biogeochemical Processes Governing Exposure and Uptake of Organic Pollutant Compounds in Aquatic Organisms. Environmental Health Perspectives, 1991, 90, 75.	6.0	39
60	Steroid transformations in Recent marine sediments. Physics and Chemistry of the Earth, 1980, 12, 407-419.	0.3	38
61	Fatty Acid Diagenesis in Recent Sediment from Narragansett Bay, Rhode Island. Nature: Physical Science, 1971, 230, 67-69.	0.8	35
62	Aromatic hydrocarbons in New York Bight polychaetes: ultraviolet fluorescence analyses and gas chromatography/gas chromatography-mass spectrometry analyses. Environmental Science & Technology, 1986, 20, 69-72.	10.0	31
63	Unburned coal as a source of hydrocarbons in surface sediments. Marine Pollution Bulletin, 1981, 12, 122-126.	5.0	30
64	Need to update human health risk assessment protocols for polycyclic aromatic hydrocarbons in seafood after oil spills. Marine Pollution Bulletin, 2020, 150, 110744.	5.0	30
65	A sequencing sediment trap for time-series studies of fragile particles ^{1,2} . Limnology and Oceanography, 1980, 25, 939-943.	3.1	29
66	Intercalibration of gas chromatographic analyses for hydrocarbons in tissues and extracts of marine organisms. Analytical Chemistry, 1976, 48, 1711-1716.	6.5	27
67	Downward Transport of Particulate Matter in the Peru Coastal Upwelling: Role of the Anchoveta, <i>Engraulis Ringens</i> . , 1983, , 225-240.		27
68	Oil Pollution in the Marine Environment I: Inputs, Big Spills, Small Spills, and Dribbles. Environment, 2013, 55, 3-13.	1.4	23
69	The mussel watch: Intercomparison of trace level constituent determinations. Environmental Toxicology and Chemistry, 1983, 2, 395-410.	4.3	22
70	Organic Chemical Pollutants in the Oceans and Groundwater: A Review of Fundamental Chemical Properties and Biogeochemistry. , 1986, , 361-425.		22
71	Fatty Acid Composition of <i>Nephtys incisa</i> and <i>Yoldia limatula</i> . Journal of the Fisheries Research Board of Canada, 1973, 30, 181-185.	0.9	21
72	Anthropogenic Molecular Markers: Tools To Identify the Sources and Transport Pathways of Pollutants. ACS Symposium Series, 1997, , 178-195.	0.5	21

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73	Does gender bias influence awards given by societies?. <i>Eos</i> , 2011, 92, 421-422.	0.1	21
74	ICES/IOC intercomparison exercise on the determination of petroleum hydrocarbons in biological tissues (mussel homogenate). <i>Marine Pollution Bulletin</i> , 1988, 19, 372-380.	5.0	20
75	International Mussel Watch: the initial implementation phase. <i>Marine Pollution Bulletin</i> , 1992, 24, 371-373.	5.0	18
76	An Overview of the Biogeochemistry of Fossil Fuel Hydrocarbons in the Marine Environment. <i>Advances in Chemistry Series</i> , 1980, , 1-22.	0.6	16
77	Bitumen molecular maturity parameters in the Ikpikpuk well, Alaskan North Slope. <i>Organic Geochemistry</i> , 1988, 13, 303-310.	1.8	15
78	Investigation on the effects of organic solvent extraction on whole-rock pyrolysis: Multiple-lobed and symmetrical P2 peaks. <i>Organic Geochemistry</i> , 1988, 12, 137-149.	1.8	15
79	Importance of Passive Diffusion in the Uptake of Polychlorinated Biphenyls by Phagotrophic Protozoa. <i>Applied and Environmental Microbiology</i> , 2000, 66, 1987-1993.	3.1	13
80	Framework for a Community Health Observing System for the Gulf of Mexico Region: Preparing for Future Disasters. <i>Frontiers in Public Health</i> , 2020, 8, 578463.	2.7	13
81	Bioaccumulation of Hydrophobic Organic Pollutant Compounds. , 1989, , 279-313.		12
82	Maturity of organic matter and migration of hydrocarbons in two Alaskan North Slope wells. <i>Organic Geochemistry</i> , 1986, 10, 207-219.	1.8	11
83	Towards integrated modeling of the long-term impacts of oil spills. <i>Marine Policy</i> , 2021, 131, 104554.	3.2	10
84	The Biogeochemistry of Polychlorinated Biphenyls in the Acushnet River Estuary, Massachusetts. <i>ACS Symposium Series</i> , 1986, , 174-197.	0.5	9
85	Review of marine organic geochemistry. <i>Reviews of Geophysics</i> , 1987, 25, 1395-1416.	23.0	8
86	Polycyclic aromatic hydrocarbons in <i>Saccoglossus kowalewskyi</i> (Agassiz). <i>Estuarine, Coastal and Shelf Science</i> , 1989, 29, 97-113.	2.1	7
87	EVALUATION OF SOME METHODS OF ANALYSIS FOR PETROLEUM HYDROCARBONS IN MARINE ORGANISMS. <i>International Oil Spill Conference Proceedings</i> , 1975, 1975, 115-121.	0.1	7
88	Amino acids in interstitial waters of marine sediments: a comparison of results from varied sedimentary environments. <i>Physics and Chemistry of the Earth</i> , 1980, 12, 435-443.	0.3	6
89	Fossil Fuel Aromatic Hydrocarbon Biogeochemistry in the Marine Environment: Research Challenges. , 1986, , 113-142.		6
90	Future research problems in marine organic chemistry. <i>Marine Chemistry</i> , 1978, 6, 375-382.	2.3	5

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91	Effect of Temperature on the Activity of Glyceraldehyde-3-Phosphate Dehydrogenase; a Comparison of Halibut and Rabbit Enzymes. <i>Journal of the Fisheries Research Board of Canada</i> , 1969, 26, 2517-2521.	0.9	3
92	Changing Ocean Chemistry: An Introduction to This Special Issue. <i>Oceanography</i> , 2014, 27, 12-15.	1.0	3
93	Organic geochemistry as a tool to study upwelling systems: recent results from the Peru and Namibian shelves. <i>Geological Society Special Publication</i> , 1992, 64, 257-272.	1.3	2
94	The Role of Environmental Scientists in Public Policy: A Lesson From Georges Bank. <i>Marine Pollution Bulletin</i> , 2000, 40, 727-730.	5.0	2
95	Marine Protozoa Produce Organic Matter with a High Affinity for PCBs during Grazing. <i>Environmental Science & Technology</i> , 2001, 35, 4060-4065.	10.0	2
96	Oil Pollution in the Marine Environment III: Fates and Effects of Chronic Oil Inputs. <i>Environment</i> , 2014, 56, 12-25.	1.4	2
97	Synthesis and Crosscutting Topics of the GoMRI Special Issue. <i>Oceanography</i> , 2016, 29, 204-213.	1.0	2
98	Fuel oil hydrocarbons in <i>Mytilus edulis</i> in Buzzards Bay, Massachusetts USA: Comparison of data from two oil spills. <i>Marine Pollution Bulletin</i> , 2020, 153, 111034.	5.0	1
99	Reflections about three influential <i>Ambio</i> articles impacting environmental biogeochemistry research and knowledge. <i>Ambio</i> , 2021, 50, 539-543.	5.5	1
100	Review of marine geochemistry. <i>Reviews of Geophysics</i> , 1975, 13, 554-558.	23.0	0
101	Around Buzzards Bay to a World of Ocean Science: A Personal Perspective. <i>Perspectives of Earth and Space Scientists</i> , 2020, 1, e2019CN000102.	0.3	0
102	Organic Chemicals of Environmental Concern: Water Sampling and Analytical Challenges. <i>Oceanography</i> , 2014, 27, 214-216.	1.0	0