

John W Farrington

List of Publications by Year in descending order

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102
papers

8,797
citations

38738

50
h-index

42393

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 U37k 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. <i>Marine Pollution Bulletin</i> , 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. <i>Environmental Science & Technology</i> , 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.. <i>Marine Environmental Research</i> , 1989, 28, 259-264.	2.5	42
58	Oil Pollution in the Marine Environment II: Fates and Effects of Oil Spills. <i>Environment</i> , 2014, 56, 16-31.	1.4	41
59	Biogeochemical Processes Governing Exposure and Uptake of Organic Pollutant Compounds in Aquatic Organisms. <i>Environmental Health Perspectives</i> , 1991, 90, 75.	6.0	39
60	Steroid transformations in Recent marine sediments. <i>Physics and Chemistry of the Earth</i> , 1980, 12, 407-419.	0.3	38
61	Fatty Acid Diagenesis in Recent Sediment from Narragansett Bay, Rhode Island. <i>Nature: Physical Science</i> , 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. <i>Environmental Science & Technology</i> , 1986, 20, 69-72.	10.0	31
63	Unburned coal as a source of hydrocarbons in surface sediments. <i>Marine Pollution Bulletin</i> , 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. <i>Marine Pollution Bulletin</i> , 2020, 150, 110744.	5.0	30
65	A sequencing sediment trap for time-series studies of fragile particles ^{1,2} . <i>Limnology and Oceanography</i> , 1980, 25, 939-943.	3.1	29
66	Intercalibration of gas chromatographic analyses for hydrocarbons in tissues and extracts of marine organisms. <i>Analytical Chemistry</i> , 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. <i>Environment</i> , 2013, 55, 3-13.	1.4	23
69	The mussel watch: Intercomparison of trace level constituent determinations. <i>Environmental Toxicology and Chemistry</i> , 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> . <i>Journal of the Fisheries Research Board of Canada</i> , 1973, 30, 181-185.	0.9	21
72	Anthropogenic Molecular Markers: Tools To Identify the Sources and Transport Pathways of Pollutants. <i>ACS Symposium Series</i> , 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