

# John W Farrington

## List of Publications by Citations

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101  
papers

7,614  
citations

48  
h-index

87  
g-index

106  
ext. papers

8,006  
ext. citations

7.7  
avg, IF

5.49  
L-index

#	Paper	IF	Citations
101	The Mussel Watch. <i>Environmental Conservation</i> , <b>1978</b> , 5, 101-125	3.3	594
100	Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. <i>Marine Pollution Bulletin</i> , <b>2011</b> , 62, 1683-92	6.7	485
99	Combustion-Derived Polycyclic Aromatic Hydrocarbons in the Environment—A Review. <i>Environmental Forensics</i> , <b>2005</b> , 6, 109-131	1.6	407
98	U.S. "Mussel Watch" 1976-1978: an overview of the trace-metal, DDE, PCB, hydrocarbon and artificial radionuclide data. <i>Environmental Science &amp; Technology</i> , <b>1983</b> , 17, 490-6	10.3	342
97	Sedimentary polycyclic aromatic hydrocarbons: the historical record. <i>Science</i> , <b>1977</b> , 198, 829-31	33.3	270
96	Sediment porewater partitioning of polycyclic aromatic hydrocarbons in three cores from Boston harbor, massachusetts. <i>Environmental Science &amp; Technology</i> , <b>1995</b> , 29, 1542-50	10.3	252
95	Hydrocarbons in western North Atlantic surface sediments. <i>Geochimica Et Cosmochimica Acta</i> , <b>1977</b> , 41, 1627-1641	5.5	223
94	Polycyclic aromatic hydrocarbons in an anoxic sediment core from the Pettaquamscutt River (Rhode Island, U.S.A.). <i>Geochimica Et Cosmochimica Acta</i> , <b>1980</b> , 44, 873-878	5.5	197
93	Comparison of the in Situ and Desorption Sediment-Water Partitioning of Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls. <i>Environmental Science &amp; Technology</i> , <b>1996</b> , 30, 172-177	10.3	186
92	Petroleum hydrocarbons in Narragansett Bay. <i>Estuarine and Coastal Marine Science</i> , <b>1973</b> , 1, 71-79		161
91	Early diagenesis of amino acids and organic matter in two coastal marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , <b>1987</b> , 51, 1-15	5.5	157
90	Aspects of the polycyclic aromatic hydrocarbon geochemistry of recent sediments in the Georges Bank region. <i>Environmental Science &amp; Technology</i> , <b>1984</b> , 18, 840-5	10.3	157
89	Biogeochemistry of particulate organic matter in the oceans: results from sediment trap experiments. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , <b>1984</b> , 31, 509-528		156
88	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> , <b>1995</b> , 31, 214-225	6.7	154
87	Organic matter fluxes from sediment traps in the equatorial Atlantic Ocean. <i>Nature</i> , <b>1980</b> , 286, 798-800	50.4	143
86	Use of the alkenone unsaturation ratio U <sub>37k</sub> to determine past sea surface temperatures: core-top SST calibrations and methodology considerations. <i>Earth and Planetary Science Letters</i> , <b>1991</b> , 104, 36-47	5.3	129
85	Marine and terrigenous lipids in coastal sediments from the Peru upwelling region at 15°S: Sterols and triterpene alcohols. <i>Organic Geochemistry</i> , <b>1987</b> , 11, 463-477	3.1	127

84	Edward D. Goldberg's proposal of "the Mussel Watch": Reflections after 40years. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 110, 501-510	6.7	121
83	Quantifying early diagenesis of fatty acids in a rapidly accumulating coastal marine sediment. <i>Organic Geochemistry</i> , <b>1992</b> , 19, 205-216	3.1	121
82	Biogeochemistry of PCBs in interstitial waters of a coastal marine sediment. <i>Geochimica Et Cosmochimica Acta</i> , <b>1986</b> , 50, 157-169	5.5	117
81	Monooxygenase Induction and Chlorobiphenyls in the Deep-Sea Fish <i>Coryphaenoides armatus</i> . <i>Science</i> , <b>1986</b> , 231, 1287-9	33.3	115
80	Transport of sludge-derived organic pollutants to deep-sea sediments at deep water dump site 106. <i>Environmental Science &amp; Technology</i> , <b>1994</b> , 28, 1062-72	10.3	114
79	The West Falmouth oil spill after 20 years: Fate of fuel oil compounds and effects on animals. <i>Marine Pollution Bulletin</i> , <b>1992</b> , 24, 607-614	6.7	110
78	Peru upwelling region sediments near 15°S. 1. Remineralization and accumulation of organic matter1. <i>Limnology and Oceanography</i> , <b>1984</b> , 29, 1-19	4.8	104
77	Deep advective transport of lithogenic particles in panama basin. <i>Science</i> , <b>1982</b> , 216, 516-8	33.3	97
76	Vertical flux of fatty acids in the North Atlantic Ocean. <i>Journal of Marine Research</i> , <b>1983</b> , 41, 19-41	1.5	96
75	Hydrocarbons in cores of northwestern Atlantic coastal and continental margin sediments. <i>Estuarine and Coastal Marine Science</i> , <b>1977</b> , 5, 793-808		96
74	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> , <b>1990</b> , 54, 1671-1682	5.5	93
73	Fatty acids and Pb-210 geochronology of a sediment core from Buzzards Bay, Massachusetts. <i>Geochimica Et Cosmochimica Acta</i> , <b>1977</b> , 41, 289-296	5.5	91
72	Amino acids in interstitial waters of marine sediments. <i>Nature</i> , <b>1979</b> , 279, 319-322	50.4	90
71	Biogeochemistry of fatty acids in recent sediments from Narragansett Bay, Rhode Island. <i>Geochimica Et Cosmochimica Acta</i> , <b>1973</b> , 37, 259-268	5.5	85
70	Peru upwelling region sediments near 15°S. 2. Dissolved free and total hydrolyzable amino acids1. <i>Limnology and Oceanography</i> , <b>1984</b> , 29, 20-34	4.8	84
69	Sterenes in surface sediments from the southwest African shelf and slope. <i>Geochimica Et Cosmochimica Acta</i> , <b>1978</b> , 42, 1091-1101	5.5	82
68	Identification of a novel alkenone in Black Sea sediments. <i>Organic Geochemistry</i> , <b>2001</b> , 32, 633-645	3.1	81
67	Hydrocarbons in surface sediments from a Guaymas Basin hydrothermal vent site. <i>Organic Geochemistry</i> , <b>1988</b> , 12, 547-558	3.1	80

66	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> , <b>1978</b> , 35, 510-520		80
65	Sterol geochemistry of sediments from the western North Atlantic Ocean and adjacent coastal areas. <i>Geochimica Et Cosmochimica Acta</i> , <b>1979</b> , 43, 35-46	5.5	76
64	Geochemical implications of the lipid composition of <i>Thioploca</i> spp. from the Peru upwelling region. <i>Organic Geochemistry</i> , <b>1989</b> , 14, 61-68	3.1	66
63	Variations in the composition of particulate organic matter in a time-series sediment trap. <i>Marine Chemistry</i> , <b>1983</b> , 13, 181-194	3.7	66
62	Sterol diagenesis in Recent sediments from Buzzards Bay, Massachusetts. <i>Geochimica Et Cosmochimica Acta</i> , <b>1977</b> , 41, 985-992	5.5	63
61	Variability in lipid flux and composition of particulate matter in the Peru upwelling region. <i>Organic Geochemistry</i> , <b>1984</b> , 6, 203-215	3.1	59
60	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> , <b>2000</b> , 1, n/a-n/a	3.6	58
59	The organic geochemistry of Peru margin surface sediments: II. Paleoenvironmental implications of hydrocarbon and alcohol profiles. <i>Geochimica Et Cosmochimica Acta</i> , <b>1991</b> , 55, 483-498	5.5	57
58	Methane production in the waters off Walvis Bay. <i>Journal of Geophysical Research</i> , <b>1977</b> , 82, 4947-4953		56
57	Comparison of sampling and extraction techniques for fatty acids in recent sediments. <i>Geochimica Et Cosmochimica Acta</i> , <b>1971</b> , 35, 735-741	5.5	56
56	Biogeochemistry of benzantracene in an enclosed marine ecosystem. <i>Environmental Science &amp; Technology</i> , <b>1980</b> , 14, 1136-1143	10.3	52
55	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> , <b>2014</b> , 27, 196-213	2.3	51
54	Geochemistry of sterols in sediments from Black Sea and the southwest African shelf and slope. <i>Organic Geochemistry</i> , <b>1980</b> , 2, 103-113	3.1	50
53	Sterenes in suspended particulate matter in the eastern tropical North Pacific. <i>Nature</i> , <b>1984</b> , 308, 840-843	5.4	47
52	The 1974 spill of the Bouchard 65 oil barge: petroleum hydrocarbons persist in Winsor Cove salt marsh sediments. <i>Marine Pollution Bulletin</i> , <b>2007</b> , 54, 214-25	6.7	43
51	Sewage contamination in sediments beneath a deep-ocean dump site off New York. <i>Marine Environmental Research</i> , <b>1994</b> , 38, 43-59	3.3	43
50	Biogeochemistry of lipids in surface sediments of the Peru Upwelling Area at 15°S. <i>Organic Geochemistry</i> , <b>1988</b> , 13, 607-617	3.1	42
49	Evidence for grazing-mediated production of dissolved surface-active material by marine protists. <i>Marine Chemistry</i> , <b>2002</b> , 77, 133-142	3.7	40

48	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 &amp; Technology</i> , <b>1990</b> , 24, 1648-1655	10.3	38
47	Biogeochemical Processes Governing Exposure and Uptake of Organic Pollutant Compounds in Aquatic Organisms. <i>Environmental Health Perspectives</i> , <b>1991</b> , 90, 75	8.4	38
46	Intercalibration of analyses of recently biosynthesized hydrocarbons and petroleum hydrocarbons in marine lipids. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>1973</b> , 10, 129-36	2.7	38
45	The relationship between lipid composition and seasonal differences in the distribution of PCBs in <i>Mytilus edulis</i> L.. <i>Marine Environmental Research</i> , <b>1989</b> , 28, 259-264	3.3	37
44	Oil Pollution in the Marine Environment II: Fates and Effects of Oil Spills. <i>Environment</i> , <b>2014</b> , 56, 16-31	2.8	31
43	Fatty Acid Diagenesis in Recent Sediment from Narragansett Bay, Rhode Island. <i>Nature: Physical Science</i> , <b>1971</b> , 230, 67-69		31
42	Aromatic hydrocarbons in New York Bight polychaetes: ultraviolet fluorescence analyses and gas chromatography/gas chromatography-mass spectrometry analyses. <i>Environmental Science &amp; Technology</i> , <b>1986</b> , 20, 69-72	10.3	29
41	"Unresolved Complex Mixture" (UCM): A brief history of the term and moving beyond it. <i>Marine Pollution Bulletin</i> , <b>2015</b> , 96, 29-31	6.7	28
40	Unburned coal as a source of hydrocarbons in surface sediments. <i>Marine Pollution Bulletin</i> , <b>1981</b> , 12, 122-126	6.7	27
39	A sequencing sediment trap for time-series studies of fragile particles <sup>1,2</sup> . <i>Limnology and Oceanography</i> , <b>1980</b> , 25, 939-943	4.8	24
38	Fatty Acid Composition of <i>Nephtys incisa</i> and <i>Yoldia limatula</i> . <i>Journal of the Fisheries Research Board of Canada</i> , <b>1973</b> , 30, 181-185		21
37	Need to update human health risk assessment protocols for polycyclic aromatic hydrocarbons in seafood after oil spills. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 150, 110744	6.7	20
36	Downward Transport of Particulate Matter in the Peru Coastal Upwelling: Role of the Anchoveta, <i>Engraulis Ringens</i> <b>1983</b> , 225-240		19
35	Steroid transformations in Recent marine sediments. <i>Physics and Chemistry of the Earth</i> , <b>1980</b> , 12, 407-419		18
34	International Mussel Watch: the initial implementation phase. <i>Marine Pollution Bulletin</i> , <b>1992</b> , 24, 371-378.7		17
33	Intercalibration of gas chromatographic analyses for hydrocarbons in tissues and extracts of marine organisms. <i>Analytical Chemistry</i> , <b>1976</b> , 48, 1711-6	7.8	17
32	Oil Pollution in the Marine Environment I: Inputs, Big Spills, Small Spills, and Dribbles. <i>Environment</i> , <b>2013</b> , 55, 3-13	2.8	16
31	The mussel watch: Intercomparison of trace level constituent determinations. <i>Environmental Toxicology and Chemistry</i> , <b>1983</b> , 2, 395-410	3.8	16

30	Organic Chemical Pollutants in the Oceans and Groundwater: A Review of Fundamental Chemical Properties and Biogeochemistry <b>1986</b> , 361-425		16
29	Anthropogenic Molecular Markers: Tools To Identify the Sources and Transport Pathways of Pollutants. <i>ACS Symposium Series</i> , <b>1997</b> , 178-195	0.4	14
28	ICES/IOC intercomparison exercise on the determination of petroleum hydrocarbons in biological tissues (mussel homogenate). <i>Marine Pollution Bulletin</i> , <b>1988</b> , 19, 372-380	6.7	14
27	An Overview of the Biogeochemistry of Fossil Fuel Hydrocarbons in the Marine Environment. <i>Advances in Chemistry Series</i> , <b>1980</b> , 1-22		14
26	Does gender bias influence awards given by societies?. <i>Eos</i> , <b>2011</b> , 92, 421-422	1.5	13
25	Bitumen molecular maturity parameters in the Ikpikpuk well, Alaskan North Slope. <i>Organic Geochemistry</i> , <b>1988</b> , 13, 303-310	3.1	13
24	Investigation on the effects of organic solvent extraction on whole-rock pyrolysis: Multiple-lobed and symmetrical P2 peaks. <i>Organic Geochemistry</i> , <b>1988</b> , 12, 137-149	3.1	12
23	Importance of passive diffusion in the uptake of polychlorinated biphenyls by phagotrophic protozoa. <i>Applied and Environmental Microbiology</i> , <b>2000</b> , 66, 1987-93	4.8	9
22	The Biogeochemistry of Polychlorinated Biphenyls in the Acushnet River Estuary, Massachusetts. <i>ACS Symposium Series</i> , <b>1986</b> , 174-197	0.4	9
21	Review of marine organic geochemistry. <i>Reviews of Geophysics</i> , <b>1987</b> , 25, 1395	23.1	7
20	Maturity of organic matter and migration of hydrocarbons in two Alaskan North Slope wells. <i>Organic Geochemistry</i> , <b>1986</b> , 10, 207-219	3.1	7
19	Polycyclic aromatic hydrocarbons in <i>Saccoglossus kowalewskyi</i> (Agassiz). <i>Estuarine, Coastal and Shelf Science</i> , <b>1989</b> , 29, 97-113	2.9	6
18	Framework for a Community Health Observing System for the Gulf of Mexico Region: Preparing for Future Disasters. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 578463	6	6
17	Bioaccumulation of Hydrophobic Organic Pollutant Compounds <b>1989</b> , 279-313		5
16	EVALUATION OF SOME METHODS OF ANALYSIS FOR PETROLEUM HYDROCARBONS IN MARINE ORGANISMS. <i>International Oil Spill Conference Proceedings</i> , <b>1975</b> , 1975, 115-121		5
15	Amino acids in interstitial waters of marine sediments: a comparison of results from varied sedimentary environments. <i>Physics and Chemistry of the Earth</i> , <b>1980</b> , 12, 435-443		4
14	Future research problems in marine organic chemistry. <i>Marine Chemistry</i> , <b>1978</b> , 6, 375-382	3.7	4
13	No. 2 fuel oil compound retention and release by <i>Mytilus edulis</i> : 1983 Cape Cod Canal oil spill <b>1986</b> ,		4

12	Towards integrated modeling of the long-term impacts of oil spills. <i>Marine Policy</i> , <b>2021</b> , 131, 104554	3.5	4
11	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> , <b>1969</b> , 26, 2517-2521		3
10	Fossil Fuel Aromatic Hydrocarbon Biogeochemistry in the Marine Environment: Research Challenges <b>1986</b> , 113-142		3
9	The Role of Environmental Scientists in Public Policy: A Lesson From Georges Bank. <i>Marine Pollution Bulletin</i> , <b>2000</b> , 40, 727-730	6.7	2
8	Marine protozoa produce organic matter with a high affinity for PCBs during grazing. <i>Environmental Science &amp; Technology</i> , <b>2001</b> , 35, 4060-5	10.3	2
7	Organic geochemistry as a tool to study upwelling systems: recent results from the Peru and Namibian shelves. <i>Geological Society Special Publication</i> , <b>1992</b> , 64, 257-272	1.7	2
6	Synthesis and Crosscutting Topics of the GoMRI Special Issue. <i>Oceanography</i> , <b>2016</b> , 29, 204-213	2.3	2
5	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> , <b>2020</b> , 153, 111034	6.7	1
4	Oil Pollution in the Marine Environment III: Fates and Effects of Chronic Oil Inputs. <i>Environment</i> , <b>2014</b> , 56, 12-25	2.8	1
3	Reflections about three influential Ambio articles impacting environmental biogeochemistry research and knowledge : This article belongs to Ambio's 50th Anniversary Collection. Theme: Environmental contaminants. <i>Ambio</i> , <b>2021</b> , 50, 539-543	6.5	0
2	Review of marine geochemistry. <i>Reviews of Geophysics</i> , <b>1975</b> , 13, 554	23.1	
1	Around Buzzards Bay to a World of Ocean Science: A Personal Perspective. <i>Perspectives of Earth and Space Scientists</i> , <b>2020</b> , 1, e2019CN000102	0.1	