

John W Farrington

List of Publications by Year in Descending Order

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

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	Towards integrated modeling of the long-term impacts of oil spills. <i>Marine Policy</i> , 2021 , 131, 104554	3.5	4
100	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> , 2021 , 50, 539-543	6.5	0
99	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	6.7	1
98	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	6.7	20
97	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	6	6
96	Around Buzzards Bay to a World of Ocean Science: A Personal Perspective. <i>Perspectives of Earth and Space Scientists</i> , 2020 , 1, e2019CN000102	0.1	
95	Edward D. Goldberg's proposal of "the Mussel Watch": Reflections after 40years. <i>Marine Pollution Bulletin</i> , 2016 , 110, 501-510	6.7	121
94	Synthesis and Crosscutting Topics of the GoMRI Special Issue. <i>Oceanography</i> , 2016 , 29, 204-213	2.3	2
93	"Unresolved Complex Mixture" (UCM): A brief history of the term and moving beyond it. <i>Marine Pollution Bulletin</i> , 2015 , 96, 29-31	6.7	28
92	Oil Pollution in the Marine Environment II: Fates and Effects of Oil Spills. <i>Environment</i> , 2014 , 56, 16-31	2.8	31
91	Oil Pollution in the Marine Environment III: Fates and Effects of Chronic Oil Inputs. <i>Environment</i> , 2014 , 56, 12-25	2.8	1
90	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	2.3	51
89	Oil Pollution in the Marine Environment I: Inputs, Big Spills, Small Spills, and Dribbles. <i>Environment</i> , 2013 , 55, 3-13	2.8	16
88	Does gender bias influence awards given by societies?. <i>Eos</i> , 2011 , 92, 421-422	1.5	13
87	Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1683-92	6.7	485
86	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, 214-25	6.7	43
85	Combustion-Derived Polycyclic Aromatic Hydrocarbons in the Environment: A Review. <i>Environmental Forensics</i> , 2005 , 6, 109-131	1.6	407

84	Evidence for grazing-mediated production of dissolved surface-active material by marine protists. <i>Marine Chemistry</i> , 2002 , 77, 133-142	3.7	40
83	Identification of a novel alkenone in Black Sea sediments. <i>Organic Geochemistry</i> , 2001 , 32, 633-645	3.1	81
82	Marine protozoa produce organic matter with a high affinity for PCBs during grazing. <i>Environmental Science & Technology</i> , 2001 , 35, 4060-5	10.3	2
81	The Role of Environmental Scientists in Public Policy: A Lesson From Georges Bank. <i>Marine Pollution Bulletin</i> , 2000 , 40, 727-730	6.7	2
80	Importance of passive diffusion in the uptake of polychlorinated biphenyls by phagotrophic protozoa. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 1987-93	4.8	9
79	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	3.6	58
78	Anthropogenic Molecular Markers: Tools To Identify the Sources and Transport Pathways of Pollutants. <i>ACS Symposium Series</i> , 1997 , 178-195	0.4	14
77	Comparison of the in Situ and Desorption Sediment-Water Partitioning of Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls. <i>Environmental Science & Technology</i> , 1996 , 30, 172-177	10.3	186
76	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	6.7	154
75	Sediment porewater partitioning of polycyclic aromatic hydrocarbons in three cores from Boston harbor, Massachusetts. <i>Environmental Science & Technology</i> , 1995 , 29, 1542-50	10.3	252
74	Sewage contamination in sediments beneath a deep-ocean dump site off New York. <i>Marine Environmental Research</i> , 1994 , 38, 43-59	3.3	43
73	Transport of sludge-derived organic pollutants to deep-sea sediments at deep water dump site 106. <i>Environmental Science & Technology</i> , 1994 , 28, 1062-72	10.3	114
72	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	1.7	2
71	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	6.7	110
70	International Mussel Watch: the initial implementation phase. <i>Marine Pollution Bulletin</i> , 1992 , 24, 371-378	3.7	17
69	Quantifying early diagenesis of fatty acids in a rapidly accumulating coastal marine sediment. <i>Organic Geochemistry</i> , 1992 , 19, 205-216	3.1	121
68	Biogeochemical Processes Governing Exposure and Uptake of Organic Pollutant Compounds in Aquatic Organisms. <i>Environmental Health Perspectives</i> , 1991 , 90, 75	8.4	38
67	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	5.3	129

66	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	5.5	57
65	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	10.3	38
64	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	5.5	93
63	Bioaccumulation of Hydrophobic Organic Pollutant Compounds 1989 , 279-313		5
62	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	3.3	37
61	Polycyclic aromatic hydrocarbons in <i>Saccoglossus kowalewskyi</i> (Agassiz). <i>Estuarine, Coastal and Shelf Science</i> , 1989 , 29, 97-113	2.9	6
60	Geochemical implications of the lipid composition of <i>Thioploca</i> spp. from the Peru upwelling region 15°S. <i>Organic Geochemistry</i> , 1989 , 14, 61-68	3.1	66
59	Bitumen molecular maturity parameters in the Ikpikpuk well, Alaskan North Slope. <i>Organic Geochemistry</i> , 1988 , 13, 303-310	3.1	13
58	Biogeochemistry of lipids in surface sediments of the Peru Upwelling Area at 15°S. <i>Organic Geochemistry</i> , 1988 , 13, 607-617	3.1	42
57	Hydrocarbons in surface sediments from a Guaymas Basin hydrothermal vent site. <i>Organic Geochemistry</i> , 1988 , 12, 547-558	3.1	80
56	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	3.1	12
55	ICES/IOC intercomparison exercise on the determination of petroleum hydrocarbons in biological tissues (mussel homogenate). <i>Marine Pollution Bulletin</i> , 1988 , 19, 372-380	6.7	14
54	Early diagenesis of amino acids and organic matter in two coastal marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1987 , 51, 1-15	5.5	157
53	Review of marine organic geochemistry. <i>Reviews of Geophysics</i> , 1987 , 25, 1395	23.1	7
52	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	3.1	127
51	Monooxygenase Induction and Chlorobiphenyls in the Deep-Sea Fish <i>Coryphaenoides armatus</i> . <i>Science</i> , 1986 , 231, 1287-9	33.3	115
50	Maturity of organic matter and migration of hydrocarbons in two Alaskan North Slope wells. <i>Organic Geochemistry</i> , 1986 , 10, 207-219	3.1	7
49	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	10.3	29

48	Biogeochemistry of PCBs in interstitial waters of a coastal marine sediment. <i>Geochimica Et Cosmochimica Acta</i> , 1986 , 50, 157-169	5.5	117
47	The Biogeochemistry of Polychlorinated Biphenyls in the Acushnet River Estuary, Massachusetts. <i>ACS Symposium Series</i> , 1986 , 174-197	0.4	9
46	No. 2 fuel oil compound retention and release by <i>Mytilus edulis</i> : 1983 Cape Cod Canal oil spill 1986 ,		4
45	Fossil Fuel Aromatic Hydrocarbon Biogeochemistry in the Marine Environment: Research Challenges 1986 , 113-142		3
44	Organic Chemical Pollutants in the Oceans and Groundwater: A Review of Fundamental Chemical Properties and Biogeochemistry 1986 , 361-425		16
43	Peru upwelling region sediments near 15°S. 2. Dissolved free and total hydrolyzable amino acids ¹ . <i>Limnology and Oceanography</i> , 1984 , 29, 20-34	4.8	84
42	Sterenes in suspended particulate matter in the eastern tropical North Pacific. <i>Nature</i> , 1984 , 308, 840-843	5.4	47
41	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		156
40	Aspects of the polycyclic aromatic hydrocarbon geochemistry of recent sediments in the Georges Bank region. <i>Environmental Science & Technology</i> , 1984 , 18, 840-5	10.3	157
39	Variability in lipid flux and composition of particulate matter in the Peru upwelling region. <i>Organic Geochemistry</i> , 1984 , 6, 203-215	3.1	59
38	Peru upwelling region sediments near 15°S. 1. Remineralization and accumulation of organic matter ¹ . <i>Limnology and Oceanography</i> , 1984 , 29, 1-19	4.8	104
37	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, 490-6	10.3	342
36	Variations in the composition of particulate organic matter in a time-series sediment trap. <i>Marine Chemistry</i> , 1983 , 13, 181-194	3.7	66
35	Downward Transport of Particulate Matter in the Peru Coastal Upwelling: Role of the Anchoveta, <i>Engraulis Ringens</i> 1983 , 225-240		19
34	Vertical flux of fatty acids in the North Atlantic Ocean. <i>Journal of Marine Research</i> , 1983 , 41, 19-41	1.5	96
33	The mussel watch: Intercomparison of trace level constituent determinations. <i>Environmental Toxicology and Chemistry</i> , 1983 , 2, 395-410	3.8	16
32	Deep advective transport of lithogenic particles in panama basin. <i>Science</i> , 1982 , 216, 516-8	33.3	97
31	Unburned coal as a source of hydrocarbons in surface sediments. <i>Marine Pollution Bulletin</i> , 1981 , 12, 122-126	6.7	27

30	A sequencing sediment trap for time-series studies of fragile particles ^{1,2} . <i>Limnology and Oceanography</i> , 1980 , 25, 939-943	4.8	24
29	Organic matter fluxes from sediment traps in the equatorial Atlantic Ocean. <i>Nature</i> , 1980 , 286, 798-800	50.4	143
28	An Overview of the Biogeochemistry of Fossil Fuel Hydrocarbons in the Marine Environment. <i>Advances in Chemistry Series</i> , 1980 , 1-22		14
27	Polycyclic aromatic hydrocarbons in an anoxic sediment core from the Pettaquamscutt River (Rhode Island, U.S.A.). <i>Geochimica Et Cosmochimica Acta</i> , 1980 , 44, 873-878	5.5	197
26	Steroid transformations in Recent marine sediments. <i>Physics and Chemistry of the Earth</i> , 1980 , 12, 407-419		18
25	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		4
24	Geochemistry of sterols in sediments from Black Sea and the southwest African shelf and slope. <i>Organic Geochemistry</i> , 1980 , 2, 103-113	3.1	50
23	Biogeochemistry of benzantracene in an enclosed marine ecosystem. <i>Environmental Science & Technology</i> , 1980 , 14, 1136-1143	10.3	52
22	Amino acids in interstitial waters of marine sediments. <i>Nature</i> , 1979 , 279, 319-322	50.4	90
21	Sterol geochemistry of sediments from the western North Atlantic Ocean and adjacent coastal areas. <i>Geochimica Et Cosmochimica Acta</i> , 1979 , 43, 35-46	5.5	76
20	Future research problems in marine organic chemistry. <i>Marine Chemistry</i> , 1978 , 6, 375-382	3.7	4
19	The Mussel Watch. <i>Environmental Conservation</i> , 1978 , 5, 101-125	3.3	594
18	Sterenes in surface sediments from the southwest African shelf and slope. <i>Geochimica Et Cosmochimica Acta</i> , 1978 , 42, 1091-1101	5.5	82
17	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		80
16	Methane production in the waters off Walvis Bay. <i>Journal of Geophysical Research</i> , 1977 , 82, 4947-4953		56
15	Sterol diagenesis in Recent sediments from Buzzards Bay, Massachusetts. <i>Geochimica Et Cosmochimica Acta</i> , 1977 , 41, 985-992	5.5	63
14	Hydrocarbons in western North Atlantic surface sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1977 , 41, 1627-1641	5.5	223
13	Fatty acids and Pb-210 geochronology of a sediment core from Buzzards Bay, Massachusetts. <i>Geochimica Et Cosmochimica Acta</i> , 1977 , 41, 289-296	5.5	91

12	Sedimentary polycyclic aromatic hydrocarbons: the historical record. <i>Science</i> , 1977 , 198, 829-31	33.3	270
11	Hydrocarbons in cores of northwestern Atlantic coastal and continental margin sediments. <i>Estuarine and Coastal Marine Science</i> , 1977 , 5, 793-808		96
10	Intercalibration of gas chromatographic analyses for hydrocarbons in tissues and extracts of marine organisms. <i>Analytical Chemistry</i> , 1976 , 48, 1711-6	7.8	17
9	Review of marine geochemistry. <i>Reviews of Geophysics</i> , 1975 , 13, 554	23.1	
8	EVALUATION OF SOME METHODS OF ANALYSIS FOR PETROLEUM HYDROCARBONS IN MARINE ORGANISMS. <i>International Oil Spill Conference Proceedings</i> , 1975 , 1975, 115-121		5
7	Intercalibration of analyses of recently biosynthesized hydrocarbons and petroleum hydrocarbons in marine lipids. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1973 , 10, 129-36	2.7	38
6	Petroleum hydrocarbons in Narragansett Bay. <i>Estuarine and Coastal Marine Science</i> , 1973 , 1, 71-79		161
5	Biogeochemistry of fatty acids in recent sediments from Narragansett Bay, Rhode Island. <i>Geochimica Et Cosmochimica Acta</i> , 1973 , 37, 259-268	5.5	85
4	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		21
3	Comparison of sampling and extraction techniques for fatty acids in recent sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1971 , 35, 735-741	5.5	56
2	Fatty Acid Diagenesis in Recent Sediment from Narragansett Bay, Rhode Island. <i>Nature: Physical Science</i> , 1971 , 230, 67-69		31
1	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		3