

George A Wolff

List of Publications by Year in descending order

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107
papers

5,175
citations

66234

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107
docs citations

107
times ranked

4719
citing authors

#	ARTICLE	IF	CITATIONS
1	Possible links between holothurian lipid compositions and differences in organic matter (OM) supply at the western Pacific abyssal plains. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 152, 103085.	0.6	13
2	Seasonal organic matter dynamics in a temperate shelf sea. <i>Progress in Oceanography</i> , 2019, 177, 101925.	1.5	20
3	The role of diatom resting spores in pelagic-benthic coupling in the Southern Ocean. <i>Biogeosciences</i> , 2018, 15, 3071-3084.	1.3	13
4	Exchange between macrophyte and mangrove organic matter input in estuarine systems: drought implications. <i>Revista Ibero-americana De Cincias Ambientais</i> , 2018, 9, 83-98.	0.0	0
5	Preserved organic matter in a fossil Ocean Continent Transition in the Alps: the example of Totalp, SE Switzerland. <i>Swiss Journal of Geosciences</i> , 2017, 110, 457-478.	0.5	2
6	Linear and non-linear responses of vegetation and soils to glacial-interglacial climate change in a Mediterranean refuge. <i>Scientific Reports</i> , 2017, 7, 8121.	1.6	14
7	The environmental and evolutionary history of Lake Ohrid (FYROM/Albania): interim results from the SCOPSCO deep drilling project. <i>Biogeosciences</i> , 2017, 14, 2033-2054.	1.3	43
8	Improved end-member characterisation of modern organic matter pools in the Ohrid Basin (Albania,) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	1.3	29
9	Controls over Ocean Mesopelagic Interior Carbon Storage (COMICS): Fieldwork, Synthesis, and Modeling Efforts. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	35
10	Tidal influence on particulate organic carbon export fluxes around a tall seamount. <i>Progress in Oceanography</i> , 2016, 149, 189-213.	1.5	21
11	Landscape-scale spatial heterogeneity in phytodetrital cover and megafauna biomass in the abyss links to modest topographic variation. <i>Scientific Reports</i> , 2016, 6, 34080.	1.6	42
12	Geochemical records in sediments of a tropical estuary (Southeastern coast of Brazil). <i>Regional Studies in Marine Science</i> , 2016, 6, 49-61.	0.4	11
13	The trophic and metabolic pathways of foraminifera in the Arabian Sea: evidence from cellular stable isotopes. <i>Biogeosciences</i> , 2015, 12, 1781-1797.	1.3	13
14	Evaluation of metals and hydrocarbons in sediments from a tropical tidal flat estuary of Southern Brazil. <i>Marine Pollution Bulletin</i> , 2015, 92, 259-268.	2.3	22
15	Carbonate counter pump stimulated by natural iron fertilization in the Polar Frontal Zone. <i>Nature Geoscience</i> , 2014, 7, 885-889.	5.4	70
16	Temporal and spatial variation in the Nazar Canyon (Western Iberian margin): Inter-annual and canyon heterogeneity effects on meiofauna biomass and diversity. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 83, 102-114.	0.6	43
17	A storm in a shelf sea: Variation in phosphorus distribution and organic matter stoichiometry. <i>Geophysical Research Letters</i> , 2014, 41, 8452-8459.	1.5	21
18	The reproductive ecology of deep-sea ophiuroids around the Crozet plateau, Southern Indian ocean, under contrasting productivity regimes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 18-26.	0.6	5

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19	Signature of organic matter exported from naturally Fe-fertilised oceanic waters. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 65, 59-72.	0.6	7
20	Diatom resting spore ecology drives enhanced carbon export from a naturally iron-fertilized bloom in the Southern Ocean. Global Biogeochemical Cycles, 2012, 26, .	1.9	67
21	Cold-water coral ecosystem (Tisler Reef, Norwegian Shelf) may be a hotspot for carbon cycling. Marine Ecology - Progress Series, 2012, 465, 11-23.	0.9	35
22	Living on the edge: single-species dominance at the Pakistan oxygen minimum zone boundary. Marine Ecology - Progress Series, 2012, 470, 79-99.	0.9	24
23	Structural and functional diversity of Nematoda in relation with environmental variables in the Setúbal and Cascais canyons, Western Iberian Margin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2354-2368.	0.6	50
24	Disturbance, productivity and diversity in deep-sea canyons: A worm's eye view. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2448-2460.	0.6	44
25	Organic geochemistry of submarine canyons: The Portuguese Margin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2477-2488.	0.6	37
26	Production of siderophore type chelates in Atlantic Ocean waters enriched with different carbon and nitrogen sources. Marine Chemistry, 2011, 124, 90-99.	0.9	67
27	The Effects of Natural Iron Fertilisation on Deep-Sea Ecology: The Crozet Plateau, Southern Indian Ocean. PLoS ONE, 2011, 6, e20697.	1.1	46
28	A Picture on the Wall: Innovative Mapping Reveals Cold-Water Coral Refuge in Submarine Canyon. PLoS ONE, 2011, 6, e28755.	1.1	150
29	Lipid biomarkers in Holocene and glacial sediments from ancient Lake Ohrid (Macedonia, Albania). Biogeosciences, 2010, 7, 3473-3489.	1.3	52
30	Phytopigments as biomarkers of selectivity in abyssal holothurians; interspecific differences in response to a changing food supply. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 1418-1428.	0.6	37
31	Productivity variation around the Crozet Plateau: A naturally iron fertilised area of the Southern Ocean. Organic Geochemistry, 2010, 41, 767-778.	0.9	10
32	Efficient burial of carbon in a submarine canyon. Geology, 2010, 38, 831-834.	2.0	65
33	Europe's Grand Canyon: Nazaré Submarine Canyon. Oceanography, 2009, 22, 46-57.	0.5	86
34	Cold-Water Corals on the Tisler Reef: Preliminary observations on the dynamic reef environment. Oceanography, 2009, 22, 76-84.	0.5	59
35	Nematode diversity and its relation to the quantity and quality of sedimentary organic matter in the deep Nazaré Canyon, Western Iberian Margin. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1521-1539.	0.6	114
36	The trophic ecology of key megafaunal species at the Pakistan Margin: Evidence from stable isotopes and lipid biomarkers. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1816-1833.	0.6	39

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37	Influence of oxygen on heterotrophic reworking of sedimentary lipids at the Pakistan margin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 358-375.	0.6	35
38	Seamounts and organic matter—Is there an effect? The case of Sedlo and Seine Seamounts: Part 1. Distributions of dissolved and particulate organic matter. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2618-2630.	0.6	33
39	Seamounts and organic matter—Is there an effect? The case of Sedlo and Seine seamounts, Part 2. Composition of suspended particulate organic matter. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2631-2645.	0.6	25
40	Distribution of dissolved organic nutrients and their effect on export production over the Atlantic Ocean. Global Biogeochemical Cycles, 2009, 23, .	1.9	88
41	Phosphorus cycling in the North and South Atlantic Ocean subtropical gyres. Nature Geoscience, 2008, 1, 439-443.	5.4	212
42	Hydroxamate Siderophores: Occurrence and Importance in the Atlantic Ocean. Environmental Science & Technology, 2008, 42, 8675-8680.	4.6	217
43	Two abyssal sites in the Southern Ocean influenced by different organic matter inputs: Environmental characterization and preliminary observations on the benthic foraminifera. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 2275-2290.	0.6	14
44	How widespread and important is N ₂ fixation in the North Atlantic Ocean?. Global Biogeochemical Cycles, 2007, 21, .	1.9	35
45	Determination of particulate organic carbon (POC) in seawater: The relative methodological importance of artificial gains and losses in two glass-fiber-filter-based techniques. Marine Chemistry, 2007, 105, 208-228.	0.9	53
46	Organic matter quality and supply to deep-water coral/mound systems of the NW European Continental Margin. International Journal of Earth Sciences, 2007, 96, 159-170.	0.9	71
47	Does the transport of dissolved organic nutrients affect export production in the Atlantic Ocean?. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	1.9	58
48	The influence of changing food supply on the lipid biochemistry of deep-sea holothurians. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 516-527.	0.6	39
49	Molecular characterization of proteinaceous material in the Florida coastal Everglades. Hydrobiologia, 2006, 569, 129-133.	1.0	5
50	Determination of steryl sulphates in invertebrate tissue by liquid chromatography—tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2005, 383, 938-946.	1.9	8
51	Partitioning and Speciation of Trace Metal Diagenesis in Differing Depositional Environments in the Sediments of the Oman Margin. Aquatic Geochemistry, 2005, 11, 195-213.	1.5	6
52	An assessment of the microbial contribution to aquatic dissolved organic nitrogen using amino acid enantiomeric ratios. Organic Geochemistry, 2005, 36, 1099-1107.	0.9	23
53	Origin of sulfur rich oils and H ₂ S in Tertiary lacustrine sections of the Jinxian Sag, Bohai Bay Basin, China. Applied Geochemistry, 2005, 20, 1427-1444.	1.4	58
54	Lipids and nitrogen isotopes of two deep-water corals from the North-East Atlantic: initial results and implications for their nutrition. , 2005, , 715-729.		81

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55	One-dimensional and two-dimensional polyacrylamide gel electrophoresis: a tool for protein characterisation in aquatic samples. <i>Marine Chemistry</i> , 2004, 85, 63-73.	0.9	19
56	Physical supply of nitrogen to phytoplankton in the Atlantic Ocean. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	69
57	Organic biogeochemistry of the Darwin Mounds, a deep-water coral ecosystem, of the NE Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 1937-1954.	0.6	70
58	Trace elements in Gulf of Mexico oysters, 1986-1999. <i>Geochemical Society Special Publications</i> , 2004, , 267-285.	0.1	1
59	Temporal variations in fatty acid composition of deep-sea holothurians: evidence of benthic-pelagic coupling. <i>Marine Ecology - Progress Series</i> , 2004, 281, 109-120.	0.9	67
60	Is long-term change in the abyssal Northeast Atlantic driven by qualitative changes in export flux? Evidence from selective feeding in deep-sea holothurians. <i>Progress in Oceanography</i> , 2003, 59, 409-441.	1.5	96
61	Biogeochemical signatures of nitrogen fixation in the eastern North Atlantic. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	46
62	Molecular marker records of land use change. <i>Organic Geochemistry</i> , 2003, 34, 105-119.	0.9	56
63	The late-Holocene history of Gormire Lake (NE England) and its catchment: a multiproxy reconstruction of past human impact. <i>Holocene</i> , 2003, 13, 677-690.	0.9	103
64	1-O-Alkylglyceryl Ether Lipids of the Gut Walls and Contents of an Abyssal Holothurian (<i>Oneirophanta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	8
65	Material supply to the abyssal seafloor in the Northeast Atlantic. <i>Progress in Oceanography</i> , 2001, 50, 27-63.	1.5	203
66	Controls on the organic chemical composition of settling particles in the Northeast Atlantic Ocean. <i>Progress in Oceanography</i> , 2001, 50, 65-87.	1.5	74
67	Fluxes of phytopigments and labile organic matter to the deep ocean in the NE Atlantic Ocean. <i>Progress in Oceanography</i> , 2001, 50, 89-104.	1.5	49
68	Biogeochemical processes at the sediment-water interface in a Northeastern Atlantic abyssal locality (Porcupine Abyssal Plain). <i>Progress in Oceanography</i> , 2001, 50, 223-243.	1.5	8
69	Temporal patterns among meiofauna and macrofauna taxa related to changes in sediment geochemistry at an abyssal NE Atlantic site. <i>Progress in Oceanography</i> , 2001, 50, 303-324.	1.5	85
70	Long-term change in the megabenthos of the Porcupine Abyssal Plain (NE Atlantic). <i>Progress in Oceanography</i> , 2001, 50, 325-348.	1.5	244
71	Organic matter assimilation and selective feeding by holothurians in the deep sea: some observations and comments. <i>Progress in Oceanography</i> , 2001, 50, 407-421.	1.5	91
72	A preliminary investigation of the lipids of abyssal holothurians from the north-east Atlantic Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 139-146.	0.4	44

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73	Molecular characterisation of organic matter in sediments underlying the oxygen minimum zone at the Oman Margin, Arabian Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2000, 47, 353-375.	0.6	28
74	An unusual 4-methyl sterol present in abyssal sediments from the north-east Atlantic Ocean. <i>Aquatic Ecosystem Health and Management</i> , 2000, 3, 397-405.	0.3	2
75	Megafauna Can Control the Quality of Organic Matter in Marine Sediments. <i>Die Naturwissenschaften</i> , 1999, 86, 320-324.	0.6	57
76	The Organic Geochemistry of Jet: Pyrolysis-gas Chromatography/Mass Spectrometry (Py-GCMS) Applied to Identifying Jet and Similar Black Lithic Materials—Preliminary Results. <i>Journal of Archaeological Science</i> , 1999, 26, 923-933.	1.2	28
77	Sedimentary and diagenetic markers of the restriction in a marine basin: the Lorca Basin (SE Spain) during the Messinian. <i>Sedimentary Geology</i> , 1998, 121, 23-55.	1.0	83
78	Organic geochemistry of lacustrine sediments: a record of the changing trophic status of Rostherne Mere, U.K.. <i>Organic Geochemistry</i> , 1998, 28, 729-747.	0.9	33
79	A rapid method for the clean-up of chlorinated biphenyls (CBs) isolated from environmental samples. <i>Talanta</i> , 1998, 45, 1001-1006.	2.9	0
80	Global carbon isotopic events associated with mass extinction and glaciation in the late Ordovician. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1997, 132, 195-210.	1.0	112
81	Hydrolysable amino acids in sediments from the Porcupine Abyssal Plain, northeast Atlantic Ocean. <i>Organic Geochemistry</i> , 1997, 26, 311-320.	0.9	18
82	A preliminary study of the geochemistry of methylamines in a salt marsh. <i>Organic Geochemistry</i> , 1997, 27, 15-24.	0.9	15
83	Distributions of chlorinated biphenyls in mussels and sediments from Great Britain and the Irish Sea Coast. <i>Marine Pollution Bulletin</i> , 1996, 32, 232-237.	2.3	23
84	Aminopropanone as a marker for raw sewage in natural waters. <i>Marine Pollution Bulletin</i> , 1995, 30, 306-312.	2.3	18
85	The biogeochemistry of lipids in rivers of the Orinoco Basin. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4507-4522.	1.6	80
86	The Biogeochemistry of Sediments from the Madeira Abyssal Plain — Preliminary Results. <i>International Review of Hydrobiology</i> , 1995, 80, 333-349.	0.6	12
87	Organic matter in deep-sea sediments from the Porcupine Abyssal Plain in the north-east Atlantic Ocean. —Lipids. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1994, 41, 787-819.	0.6	92
88	Incorporation of sulphur into phytol derivatives during simulated early diagenesis. <i>Organic Geochemistry</i> , 1993, 20, 1-5.	0.9	49
89	Some preliminary observations after the wreck of the oil tanker Braer in Shetland. <i>Marine Pollution Bulletin</i> , 1993, 26, 567-571.	2.3	17
90	Geochemistry of an early diagenetic concretion from the Birchi Bed (L. Lias, W. Dorset, U.K.). <i>Organic Geochemistry</i> , 1992, 19, 431-444.	0.9	48

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91	Evolution of alkanes and carboxylic acids in ancient sediments from the Maracaibo Basin. <i>Organic Geochemistry</i> , 1992, 18, 195-201.	0.9	22
92	Determination of volatile amines in sediment and water samples. <i>Analytica Chimica Acta</i> , 1991, 252, 223-226.	2.6	21
93	The Mersey oil spill, August, 1989 A case of sediments contaminating the oil?. <i>Marine Pollution Bulletin</i> , 1990, 21, 481-484.	2.3	13
94	Novel Monoaromatic triterpenoid hydrocarbons occurring in sediments. <i>Tetrahedron</i> , 1989, 45, 6721-6728.	1.0	111
95	Influence of temperature and pressure on maturation processesâ€”I. Preliminary report. <i>Organic Geochemistry</i> , 1986, 10, 331-337.	0.9	27
96	The origin and fate of 4-methyl steroidsâ€”II. Dehydration of stanols and occurrence of c30 4-methyl steranes. <i>Organic Geochemistry</i> , 1986, 10, 965-974.	0.9	35
97	The origin and fate of 4-methyl steroid hydrocarbons. I. Diagenesis of 4-methyl sterenes. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 335-342.	1.6	88
98	High-performance liquid chromatographic analysis of free-base porphyrins. <i>Journal of Chromatography A</i> , 1986, 368, 1-9.	1.8	43
99	High-performance liquid chromatographic analysis of free-base porphyrins. <i>Journal of Chromatography A</i> , 1986, 368, 11-19.	1.8	25
100	Computerised capillary gas chromatographicâ€”mass spectrometric studies of the petroporphyrins of the gilsonite bitumen (Eocene, U.S.A.). <i>Journal of Chromatography A</i> , 1985, 350, 37-62.	1.8	16
101	Hydrogen chemical ionization mass spectrometry of metalloporphyrins. <i>Organic Mass Spectrometry</i> , 1985, 20, 445-453.	1.3	15
102	Semi-preparative HPLC of some geologically interesting steroid hydrocarbons. <i>Journal of High Resolution Chromatography</i> , 1985, 8, 695-696.	2.0	3
103	3,8,17-Triethyl-2,7,12,18-tetramethylporphyrin: a widely-occurring pigment of chlorophyll origin. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 723.	2.0	13
104	Porphyrins with a novel exocyclic ring system in an oil shale. <i>Tetrahedron</i> , 1984, 40, 4033-4039.	1.0	49
105	Structure analysis of naturally occurring alkyl porphyrins by hydrogen chemical ionisation mass spectrometry. <i>Tetrahedron</i> , 1984, 40, 3777-3786.	1.0	28
106	15,17-Butano-3,8-diethyl-2,7,12,18-tetramethylporphyrin - a novel naturally occurring tetrapyrrole. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 922.	2.0	34
107	A biological marker investigation of petroleums and shales from the Shengli oilfield, The People's Republic of China. <i>Chemical Geology</i> , 1982, 35, 1-31.	1.4	117