

Owen A Sherwood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7686386/publications.pdf>

Version: 2024-02-01

36
papers

2,070
citations

257450

24
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

2872
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and origin of groundwater methane in the Stellarton Basin, Nova Scotia, Canada. <i>Science of the Total Environment</i> , 2021, 754, 141888.	8.0	3
2	Amino acid $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ patterns from sediment trap time series and deep-sea corals: Implications for biogeochemical and ecological reconstructions in paleoarchives. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 297, 288-307.	3.9	17
3	Public data from three US states provide new insights into well integrity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
4	Improved Constraints on Global Methane Emissions and Sinks Using $\delta^{13}\text{C}$. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB007000.	4.9	50
5	Stable isotope ratios in seawater nitrate reflect the influence of Pacific water along the northwest Atlantic margin. <i>Biogeosciences</i> , 2021, 18, 4491-4510.	3.3	7
6	Microbial and Biogeochemical Indicators of Methane in Groundwater Aquifers of the Denver Basin, Colorado. <i>Environmental Science & Technology</i> , 2021, 55, 292-303.	10.0	7
7	Using global isotopic data to constrain the role of shale gas production in recent increases in atmospheric methane. <i>Scientific Reports</i> , 2020, 10, 4199.	3.3	29
8	Investigating large methane enhancements in the U.S. San Juan Basin. <i>Elementa</i> , 2020, 8, .	3.2	8
9	Bottom water methane sources along the high latitude eastern Canadian continental shelf and their effects on the marine carbonate system. <i>Marine Chemistry</i> , 2019, 212, 83-95.	2.3	7
10	Surface Casing Pressure As an Indicator of Well Integrity Loss and Stray Gas Migration in the Wattenberg Field, Colorado. <i>Environmental Science & Technology</i> , 2017, 51, 3567-3574.	10.0	47
11	Global Inventory of Gas Geochemistry Data from Fossil Fuel, Microbial and Burning Sources, version 2017. <i>Earth System Science Data</i> , 2017, 9, 639-656.	9.9	125
12	Upward revision of global fossil fuel methane emissions based on isotope database. <i>Nature</i> , 2016, 538, 88-91.	27.8	400
13	Groundwater methane in relation to oil and gas development and shallow coal seams in the Denver-Julesburg Basin of Colorado. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8391-8396.	7.1	75
14	Millennial-scale plankton regime shifts in the subtropical North Pacific Ocean. <i>Science</i> , 2015, 350, 1530-1533.	12.6	71
15	Increasing subtropical North Pacific Ocean nitrogen fixation since the Little Ice Age. <i>Nature</i> , 2014, 505, 78-81.	27.8	84
16	Compound specific amino acid $\delta^{13}\text{C}$ patterns in a deep-sea proteinaceous coral: Implications for reconstructing detailed $\delta^{13}\text{C}$ records of exported primary production. <i>Marine Chemistry</i> , 2014, 166, 82-91.	2.3	24
17	Using Stable Isotopes and Water Quality to Investigate Sources of Stray Gas in the Wattenberg Field of Colorado. , 2014, , .		2
18	Compound-Specific Stable Isotope Analysis of Natural and Produced Hydrocarbon Gases Surrounding Oil and Gas Operations. <i>Comprehensive Analytical Chemistry</i> , 2013, , 347-372.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Applied taphonomy of gorgonian and antipatharian corals in Atlantic Canada: experimental decay rates, field observations, and implications for assessing fisheries damage to deep-sea coral habitats. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2012, 265, 199-218.	0.4	11
20	Geological features supporting deep-sea coral habitat in Atlantic Canada. <i>Continental Shelf Research</i> , 2011, 31, S69-S84.	1.8	43
21	Nutrient regime shift in the western North Atlantic indicated by compound-specific $\delta^{15}\text{N}$ of deep-sea gorgonian corals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1011-1015.	7.1	142
22	ECOSYSTEM ENGINEERING BY BIOTURBATING POLYCHAETES IN EVENT BED MICROCOSMS. <i>Palaios</i> , 2010, 25, 46-58.	1.3	45
23	Nitrogen Isotopic Records of Terrestrial Pollution Encoded in Floridian and Bahamian Gorgonian Corals. <i>Environmental Science & Technology</i> , 2010, 44, 874-880.	10.0	27
24	The use of $\delta^{15}\text{N}$ in assessing sewage stress on coral reefs. <i>Marine Pollution Bulletin</i> , 2009, 58, 793-802.	5.0	118
25	Ages and growth rates of some deep-sea gorgonian and antipatharian corals of Newfoundland and Labrador. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 142-152.	1.4	107
26	Multi-century time-series of ^{15}N and ^{14}C in bamboo corals from deep Tasmanian seamounts: evidence for stable oceanographic conditions. <i>Marine Ecology - Progress Series</i> , 2009, 397, 209-218.	1.9	37
27	Tracking the record of sewage discharge off Jeddah, Saudi Arabia, since 1950, using stable isotope records from antipatharians. <i>Marine Ecology - Progress Series</i> , 2009, 397, 219-226.	1.9	37
28	Late Holocene radiocarbon variability in Northwest Atlantic slope waters. <i>Earth and Planetary Science Letters</i> , 2008, 275, 146-153.	4.4	36
29	Stable C and N isotopic composition of cold-water corals from the Newfoundland and Labrador continental slope: Examination of trophic, depth and spatial effects. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 1392-1402.	1.4	65
30	Chapter Twelve Deep-Sea Corals: New Insights to Paleoceanography. <i>Developments in Marine Geology</i> , 2007, 1, 491-522.	0.4	5
31	Late Holocene radiocarbon and aspartic acid racemization dating of deep-sea octocorals. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 2806-2814.	3.9	43
32	Clionid sponge surveys on the Florida Reef Tract suggest land-based nutrient inputs. <i>Marine Pollution Bulletin</i> , 2005, 51, 570-579.	5.0	132
33	Reconstruction of nitrogen sources on coral reefs: $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ in gorgonians from Florida Reef Tract. <i>Marine Ecology - Progress Series</i> , 2005, 296, 155-163.	1.9	52
34	Radiocarbon evidence for annual growth rings in the deep-sea octocoral <i>Primnoa resedaeformis</i> . <i>Marine Ecology - Progress Series</i> , 2005, 301, 129-134.	1.9	74
35	Stable isotopic composition of deep-sea gorgonian corals <i>Primnoa</i> spp.: a new archive of surface processes. <i>Marine Ecology - Progress Series</i> , 2005, 301, 135-148.	1.9	83
36	Smoke signals from corals: isotopic signature of the 1997 Indonesian El Niño event. <i>Marine Geology</i> , 2003, 202, 71-78.	2.1	19