

# Paul Aharon

## List of Publications by Year in descending order

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53  
papers

3,451  
citations

136740

32  
h-index

223531

46  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial sulfate reduction rates and sulfur and oxygen isotope fractionations at oil and gas seeps in deepwater Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 233-246.	1.6	323
2	Hydrocarbon-derived carbonate buildups of the northern Gulf of Mexico continental slope: A review of submersible investigations. <i>Geo-Marine Letters</i> , 1994, 14, 135-148.	0.5	279
3	Oxygen isotopes, sea level changes and the temperature history of a coral reef environment in New Guinea over the last 105 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1986, 56, 337-379.	1.0	168
4	Chemosynthetic bacterial mats at cold hydrocarbon seeps, Gulf of Mexico continental slope. <i>Organic Geochemistry</i> , 1993, 20, 77-89.	0.9	164
5	Recorders of reef environment histories: stable isotopes in corals, giant clams, and calcareous algae. <i>Coral Reefs</i> , 1991, 10, 71-90.	0.9	143
6	Sulfur and oxygen isotopes of coeval sulfate-sulfide in pore fluids of cold seep sediments with sharp redox gradients. <i>Chemical Geology</i> , 2003, 195, 201-218.	1.4	120
7	Radiometric dating of submarine hydrocarbon seeps in the Gulf of Mexico. <i>Bulletin of the Geological Society of America</i> , 1997, 109, 568-579.	1.6	119
8	Meltwater flooding events in the Gulf of Mexico revisited: Implications for rapid climate changes during the last deglaciation. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	119
9	Chronostratigraphic markers in the end-Precambrian carbon isotope record of the Lesser Himalaya. <i>Nature</i> , 1987, 327, 699-702.	13.7	114
10	Geology and biology of modern and ancient submarine hydrocarbon seeps and vents: An introduction. <i>Geo-Marine Letters</i> , 1994, 14, 69-73.	0.5	101
11	Hydrocarbon seep-carbonates of a Miocene forearc (East Coast Basin), North Island, New Zealand. <i>Sedimentary Geology</i> , 2008, 204, 83-105.	1.0	100
12	Recent Hot Brine Dolomitization in the "Solar Lake," Gulf of Elat, Isotopici, Chemical, and Mineralogical Study. <i>Journal of Geology</i> , 1977, 85, 27-48.	0.7	88
13	A Microbial Mat of a Large Sulfur Bacterium Preserved in a Miocene Methane-Seep Limestone. <i>Geomicrobiology Journal</i> , 2004, 21, 247-255.	1.0	88
14	Dolomitization of Atolls by Sea Water Convection Flow: Test of a Hypothesis at Niue, South Pacific. <i>Journal of Geology</i> , 1987, 95, 187-203.	0.7	87
15	Stable isotope and sea-level data from New Guinea supports Antarctic ice-surge theory of ice ages. <i>Nature</i> , 1980, 283, 649-651.	13.7	83
16	140,000-yr isotope climatic record from raised coral reefs in New Guinea. <i>Nature</i> , 1983, 304, 720-723.	13.7	83
17	Benthic foraminifera of bathyal hydrocarbon vents of the Gulf of Mexico: Initial report on communities and stable isotopes. <i>Geo-Marine Letters</i> , 1994, 14, 88-96.	0.5	78
18	A stable-isotope study of magnesites from the Rum Jungle Uranium Field, Australia: Implications for the origin of strata-bound massive magnesites. <i>Chemical Geology</i> , 1988, 69, 127-145.	1.4	76

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19	Sea-level events in the South Pacific linked with the Messinian salinity crisis. <i>Geology</i> , 1993, 21, 771.	2.0	75
20	Submarine venting of brines in the deep Gulf of Mexico: Observations and geochemistry. <i>Geology</i> , 1992, 20, 483.	2.0	72
21	Controls on dissolved inorganic carbon and $\delta^{13}C$ in cave waters from DeSoto Caverns: Implications for speleothem $\delta^{13}C$ assessments. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 753-768.	1.6	69
22	Beggiatoa in microbial mats at hydrocarbon vents in the Gulf of Mexico and Warm Mineral Springs, Florida. <i>Geo-Marine Letters</i> , 1994, 14, 97-103.	0.5	58
23	Carbon Cycle and Carbon Isotope Record: Geochemical Impact of Life over 3.8 Ga of Earth History. , 1992, , 147-175.		57
24	Catastrophic hurricane history revealed by organic geochemical proxies in coastal lake sediments: a case study of Lake Shelby, Alabama (USA). <i>Journal of Paleolimnology</i> , 2008, 39, 117-131.	0.8	57
25	Barite chimneys on the Gulf of Mexico slope: Initial report on their petrography and geochemistry. <i>Geo-Marine Letters</i> , 1994, 14, 81-87.	0.5	56
26	Petrography and stable isotope aspects of cold-vent activity imprinted on Miocene-age ?calcareous Lucina? from Tuscan and Romagna Apennines, Italy. <i>Geo-Marine Letters</i> , 1994, 14, 177-184.	0.5	56
27	Entrainment of meltwaters in hyperpycnal flows during deglaciation superfloods in the Gulf of Mexico. <i>Earth and Planetary Science Letters</i> , 2006, 241, 260-270.	1.8	54
28	Oxygen, carbon and U-series isotopes of aragonites from Vestfold Hills, Antarctica: Clues to geochemical processes in subglacial environments. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 2321-2331.	1.6	53
29	Dissolved carbon and $\delta^{13}C$ anomalies in the water column caused by hydrocarbon seeps on the northwestern Gulf of Mexico slope. <i>Geo-Marine Letters</i> , 1992, 12, 33-40.	0.5	50
30	Postglacial sealevels in the Pacific: Implications with respect to deglaciation regime and local tectonics. <i>Tectonophysics</i> , 1983, 91, 335-358.	0.9	45
31	Salt, Seeps and Symbiosis in the Gulf of Mexico. <i>Eos</i> , 1990, 71, 1772.	0.1	45
32	Mid-oceanic carbonate platforms as oceanic dipsticks: examples from the Pacific. <i>Coral Reefs</i> , 1991, 10, 101-114.	0.9	37
33	Isotope studies of insular phosphates explain atoll phosphatization. <i>Nature</i> , 1984, 309, 614-617.	13.7	36
34	Oxygen and hydrogen isotopes of rainfall and dripwater at DeSoto Caverns (Alabama, USA): Key to understanding past variability of moisture transport from the Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 846-861.	1.6	34
35	Cold-Seep Carbonates of the Louisiana Continental Slope-to-Basin Floor. <i>Frontiers in Sedimentary Geology</i> , 1993, , 95-104.	0.2	34
36	Mineral assemblages occurring around hydrocarbon vents in the northern Gulf of Mexico. <i>Geo-Marine Letters</i> , 1994, 14, 74-80.	0.5	29

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37	Microbial Processes and Products Fueled by Hydrocarbons at Submarine Seeps. , 2000, , 270-281.		27
38	Bathymetric reconstructions of the Miocene-age ?calcareous Lucina? (northern Apennines, Italy) from oxygen isotopes and benthic Foraminifera. <i>Geo-Marine Letters</i> , 1994, 14, 219-230.	0.5	26
39	ENSO-controlled rainfall variability records archived in tropical stalagmites from the mid-ocean island of Niue, South Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	24
40	Late Holocene foraminifera of Blake Ridge diapir: Assemblage variation and stable-isotope record in gas-hydrate bearing sediments. <i>Marine Geology</i> , 2014, 353, 99-107.	0.9	22
41	An improved microextraction technique for measuring dissolved inorganic carbon (DIC), $\delta^{13}C_{DIC}$ and $\delta^{18}O_{H_2O}$ from milliliter-size water samples. <i>Chemical Geology</i> , 1991, 94, 137-144.	1.4	20
42	An Assessment of the Precambrian/Cambrian Transition Events on the Basis of Carbon Isotope Records. , 1992, , 212-223.		16
43	Magnetostratigraphy of the uplifted former atoll of Niue, South Pacific: implications for accretion history and carbonate diagenesis. <i>Sedimentary Geology</i> , 1996, 105, 259-274.	1.0	15
44	Ocean-atmosphere interactions as drivers of mid-to-late Holocene rapid climate changes: Evidence from high-resolution stalagmite records at DeSoto Caverns, Southeast USA. <i>Quaternary Science Reviews</i> , 2017, 170, 69-81.	1.4	10
45	Radiocarbon deficiencies of US Gulf Coast lakes compromise paleo-hurricane records. <i>Quaternary Research</i> , 2009, 71, 266-270.	1.0	9
46	Geology and Hydrogeology of Niue. <i>Developments in Sedimentology</i> , 2004, 54, 537-564.	0.5	7
47	An improved microextraction technique for measuring dissolved inorganic carbon (DIC), $\delta^{13}C_{DIC}$ and $\delta^{18}O_{H_2O}$ from milliliter-size water samples. <i>Chemical Geology: Isotope Geoscience Section</i> , 1991, 94, 137-144.	0.7	6
48	Carbon Isotope Record of Late Quaternary Coral Reefs: Possible Index of Sea Surface Paleoproductivity. <i>Geophysical Monograph Series</i> , 0, , 343-355.	0.1	6
49	Stable isotopes and trace elements of drip waters at DeSoto Caverns during rainfall-contrasting years. <i>Chemical Geology</i> , 2019, 504, 96-104.	1.4	5
50	Catastrophic flood outbursts in mid-continent left imprints in the Gulf of Mexico. <i>Geo-Marine Letters</i> , 2005, , 1-7.	0.5	2
51	Caves of Niue Island, South Pacific: Speleothems and water geochemistry. , 2006, , .		2
52	Rainfall Variability and the Rise and Collapse of the Mississippian Chiefdoms: Evidence From a Desoto Caverns Stalagmite. <i>Geophysical Monograph Series</i> , 0, , 35-42.	0.1	2
53	$^{13}C/^{12}C$ Isotope Ratio Variations Over the Last 105 Yr in a New Guinea Coral-Reef Environment: Implications for The Fertility Shifts of the Tropical Ocean. , 1982, , 119-132.		2