Glen T Snyder

List of Publications by Year
in descending order

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48	2,128	236925	276875
papers	citations	25 h-index	41 g-index

50	50	50	2083
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Doubly substituted isotopologues of methane hydrate (13CH3D and 12CH2D2): Implications for methane clumped isotope effects, source apportionments and global hydrate reservoirs. Geochimica Et Cosmochimica Acta, 2021, 315, 127-151.	3.9	21
2	Influence of normal tide and the Great Tsunami as recorded through hourly-resolution micro-analysis of a mussel shell. Scientific Reports, 2021, 11, 19874.	3.3	1
3	Groundwater anomaly related to CCS-CO2 injection and the 2018 Hokkaido Eastern Iburi earthquake in Japan. , 2021, , .		0
4	Doubly substituted isotopologues of methane hydrate (13CH3D and 12CH2D2): implication for sources and history. , 2021, , .		1
5	Magmatic fluids play a role in the development of active gas chimneys and massive gas hydrates in the Japan Sea. Chemical Geology, 2020, 535, 119462.	3.3	20
6	Groundwater Anomaly Related to CCS-CO2 Injection and the 2018 Hokkaido Eastern Iburi Earthquake in Japan. Frontiers in Earth Science, 2020, 8, .	1.8	3
7	Evidence in the Japan Sea of microdolomite mineralization within gas hydrate microbiomes. Scientific Reports, 2020, 10, 1876.	3.3	8
8	Clumped isotope signatures of methane-derived authigenic carbonate presenting equilibrium values of their formation temperatures. Earth and Planetary Science Letters, 2019, 512, 207-213.	4.4	24
9	Concentration and carbon-isotopic change of dissolved gas from Murono mud volcano in Tokamachi City, Niigata Prefecture (central Japan), just before and after the 2014 Kamishiro Fault Earthquake. Journal of the Geological Society of Japan, 2018, 124, 127-140.	0.6	3
10	Gas hydrate estimates in muddy sediments from the oxygen isotope of water fraction. Chemical Geology, 2017, 470, 107-115.	3.3	9
11	Iodine budget in surface waters from Atacama: Natural and anthropogenic iodine sources revealed by halogen geochemistry and iodine-129 isotopes. Applied Geochemistry, 2016, 68, 53-63.	3.0	24
12	Exploring deep microbial life in coal-bearing sediment down to ~2.5 km below the ocean floor. Science, 2015, 349, 420-424.	12.6	376
13	Influence of the carbon isotopic composition of methane and the proportion of methane-derived bicarbonate on the 13C/12C ratio of dissolved inorganic carbon at the sulfateâ€“methane transition in the Joetsu Basin area, eastern margin of the Sea of Japan. Marine and Petroleum Geology, 2015, 67, 468-480.	3.3	9
14	Sources, sinks and long-term cycling of iodine in the hyperarid Atacama continental margin. Geochimica Et Cosmochimica Acta, 2015, 161, 50-70.	3.9	33
15	Climate change and tectonic uplift triggered the formation of the Atacama Desertâ€™s giant nitrate deposits. Geology, 2014, 42, 251-254.	4.4	44
16	USING IODINE ISOTOPES TO CONSTRAIN SUPERGENE FLUID SOURCES IN ARID REGIONS: INSIGHTS FROM THE CHUQUICAMATA OXIDE BLANKET. Economic Geology, 2013, 108, 163-171.	3.8	18
17	Los campos geotÃ©rmicos de CentroamÃ©rica: influencia del proceso de subducciÃ³n sobre su composiciÃ³n volÃ¡til. Revista GeolÃ³gica De AmÃ©rica Central, 2013, , .	0.1	0
18	Geochemistry of pore waters from gas hydrate research in the eastern margin of the Japan Sea (MD179). Journal of the Japanese Association for Petroleum Technology, 2012, 77, 262-267.	0.0	7

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19	Pore water sulfate, alkalinity, and carbon isotope profiles in shallow sediment above marine gas hydrate systems: A numerical modeling perspective. Journal of Geophysical Research, 2011, 116, .	3.3	83
20	Global distribution and longâ€term fate of anthropogenic ¹²⁹I in marine and surface water reservoirs. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	86
21	Geochemical constraints for the formation and dissociation of gas hydrate in an area of high methane flux, eastern margin of the Japan Sea. Earth and Planetary Science Letters, 2009, 279, 326-339.	4.4	70
22	Formation and Collapse of Gas Hydrate Deposits in High Methane Flux Area of the Joetsu Basin, Eastern Margin of Japan Sea. Journal of Geography (Chigaku Zasshi), 2009, 118, 43-71.	0.3	58
23	129I and 36Cl in dilute hydrocarbon waters: Marine-cosmogenic, in situ, and anthropogenic sources. Applied Geochemistry, 2007, 22, 692-714.	3.0	24
24	Pore water profiles and authigenic mineralization in shallow marine sediments above the methane-charged system on Umitaka Spur, Japan Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1216-1239.	1.4	100
25	Origin and age of pore waters in an actively venting gas hydrate field near Sado Island, Japan Sea: Interpretation of halogen and 129I distributions. Chemical Geology, 2007, 236, 350-366.	3.3	58
26	Iodine as a tracer of organic material: 129I results from gas hydrate systems and fore arc fluids. Journal of Geochemical Exploration, 2007, 95, 66-80.	3.2	61
27	Labile barite contents and dissolved barium concentrations on Blake Ridge: New perspectives on barium cycling above gas hydrate systems. Journal of Geochemical Exploration, 2007, 95, 48-65.	3.2	43
28	Acoustical surveys of Methane plumes using the quantitative echo sounder in Japan Sea. , 2007, , .		5
29	Methane flux, seafloor gas hydrates, chloride anomalies and sulfate reduction : Joetsu regions, eastern margin of Japan Sea. Journal of the Sedimentological Society of Japan, 2007, 64, 89-93.	0.3	1
30	The initial 129I/I ratio and the presence of â€˜oldâ€™ iodine in continental margins. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 496-502.	1.4	76
31	Barium cycling in shallow sediment above active mud volcanoes in the Gulf of Mexico. Chemical Geology, 2006, 226, 1-30.	3.3	63
32	Residence times and source ages of deep crustal fluids: interpretation of 129I and 36Cl results from the KTB-VB drill site, Germany. Geofluids, 2005, 5, 42-51.	0.7	30
33	New insights on the hydrocarbon system of the Fruitland Formation coal beds, northern San Juan Basin, Colorado and New Mexico, USA. , 2005, , .		6
34	Halogen geochemistry of the McMurdo dry valleys lakes, Antarctica: Clues to the origin of solutes and lake evolution. Geochimica Et Cosmochimica Acta, 2005, 69, 305-323.	3.9	66
35	Systematics of halogen elements and their radioisotopes in thermal springs of the Cascade Range, Central Oregon, Western USA. Earth and Planetary Science Letters, 2005, 235, 700-714.	4.4	24
36	Global distribution of 129I in rivers and lakes: implications for iodine cycling in surface reservoirs. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 579-586.	1.4	74

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37	Sources of nitrogen and methane in Central American geothermal settings: Noble gas and129I evidence for crustal and magmatic volatile components. Geochemistry, Geophysics, Geosystems, 2003, 4, 1-28.	2.5	72
38	Origin and history of waters associated with coalbed methane: 129I, 36Cl, and stable isotope results from the Fruitland Formation, CO and NM. Geochimica Et Cosmochimica Acta, 2003, 67, 4529-4544.	3.9	52
39	Iodine dating of pore waters associated with gas hydrates in the Nankai area, Japan. Geology, 2003, 31, 521.	4.4	51
40	Iodine isotope ratios and halide concentrations in fluids of the Satsuma-Iwojima volcano, Japan. Earth, Planets and Space, 2002, 54, 265-273.	2.5	30
41	Origin of iodine in volcanic fluids. Geochimica Et Cosmochimica Acta, 2002, 66, 3827-3838.	3.9	77
42	Detection of recycled marine sediment components in crater lake fluids using 129 I. Journal of Volcanology and Geothermal Research, 2002, 115, 451-460.	2.1	30
43	Regional variations in volatile composition: Isotopic evidence for carbonate recycling in the Central American volcanic arc. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a.	2.5	72
44	129I in the Southern Hemisphere: Global redistribution of an anthropogenic isotope. Nuclear Instruments & Methods in Physics Research B, 2000, 172, 366-371.	1.4	47
45	129I in volcanic fluids: Testing for the presence of marine sediments in the Central American volcanic arc. Nuclear Instruments & Methods in Physics Research B, 2000, 172, 568-573.	1.4	6
46	Dating of Pore Waters with 129I: Relevance for the Origin of Marine Gas Hydrates. Science, 2000, 289, 2332-2335.	12.6	155
47	Acoustical survey of methane plumes using the quantitative echo sounder in the eastern margin of the sea of Japan. , 0, , .		6
48	Data report: water activity of the deep coal-bearing basin off Shimokita from IODP Expedition 337. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	1