

# U/Th systematics and ages of authigenic carbonates from recorders of fluid flow variations

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Geophysical constraints on the surface distribution of authigenic carbonates across the Hydrate Ridge region, Cascadia margin. <i>Marine Geology</i> , 2003, 202, 79-120.	0.9	87
2	Chemical, biological and hydrological controls on the $^{14}\text{C}$ content of cold seep carbonate crusts: numerical modeling and implications for convection at cold seeps. <i>Chemical Geology</i> , 2004, 213, 359-383.	1.4	41
3	Gas hydrate growth, methane transport, and chloride enrichment at the southern summit of Hydrate Ridge, Cascadia margin off Oregon. <i>Earth and Planetary Science Letters</i> , 2004, 226, 225-241.	1.8	264
4	Numerical modeling of carbonate crust formation at cold vent sites: significance for fluid and methane budgets and chemosynthetic biological communities. <i>Earth and Planetary Science Letters</i> , 2004, 221, 337-353.	1.8	178
5	Clathrites: Archives of near-seafloor pore-fluid evolution ( $\delta^{44}\text{Ca}$ , $\delta^{13}\text{C}$ , $\delta^{18}\text{O}$ ) in gas hydrate environments. <i>Geology</i> , 2005, 33, 213.	2.0	69
6	Simulation of long-term feedbacks from authigenic carbonate crust formation at cold vent sites. <i>Chemical Geology</i> , 2005, 216, 157-174.	1.4	62
7	A study of the chemistry of pore fluids and authigenic carbonates in methane seep environments: Kodiak Trench, Hydrate Ridge, Monterey Bay, and Eel River Basin. <i>Chemical Geology</i> , 2005, 220, 329-345.	1.4	100
8	Chemoherms on Hydrate Ridge – Unique microbially-mediated carbonate build-ups growing into the water column. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 227, 67-85.	1.0	154
9	Methane sources, distributions, and fluxes from cold vent sites at Hydrate Ridge, Cascadia Margin. <i>Global Biogeochemical Cycles</i> , 2005, 19, n/a-n/a.	1.9	75
10	Biogeochemical investigations of marine methane seeps, Hydrate Ridge, Oregon. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	40
11	Stable carbon isotope records of carbonates tracing fossil seep activity off Indonesia. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	18
12	Passing gas through the hydrate stability zone at southern Hydrate Ridge, offshore Oregon. <i>Earth and Planetary Science Letters</i> , 2006, 241, 211-226.	1.8	188
13	1300-m-high rising bubbles from mud volcanoes at 2080m in the Black Sea: Hydroacoustic characteristics and temporal variability. <i>Earth and Planetary Science Letters</i> , 2006, 244, 1-15.	1.8	221
14	The mineral dissolution rate conundrum: Insights from reactive transport modeling of U isotopes and pore fluid chemistry in marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 337-363.	1.6	234
15	Hydrocarbon seep and hydrothermal vent paleoenvironments and paleontology: Past developments and future research directions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 232, 362-407.	1.0	470
16	Methane hydrate stability and anthropogenic climate change. <i>Biogeosciences</i> , 2007, 4, 521-544.	1.3	236
17	An experimental setup for fluid venting in unconsolidated sediments: New insights to fluid mechanics and structures. <i>Sedimentary Geology</i> , 2007, 196, 251-267.	1.0	44
18	$^{230}\text{Th}$ dating of carbonate nodules from methane seeps off Joetsu, Eastern Margin of Japan Sea. <i>Earth and Planetary Science Letters</i> , 2008, 272, 89-96.	1.8	75

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19	Lifetime and cyclicity of fluid venting at forearc mound structures determined by tephrostratigraphy and radiometric dating of authigenic carbonates. <i>Geology</i> , 2008, 36, 707.	2.0	44
20	Global hydrocarbon seep-carbonate precipitation correlates with deep-water temperatures and eustatic sea-level fluctuations since the Late Jurassic. <i>Terra Nova</i> , 2009, 21, 279-284.	0.9	37
21	Multi-disciplinary investigation of fluid seepage on an unstable margin: The case of the Central Nile deep sea fan. <i>Marine Geology</i> , 2009, 261, 92-104.	0.9	88
22	U-Th stratigraphy of a cold seep carbonate crust. <i>Chemical Geology</i> , 2009, 260, 47-56.	1.4	135
23	Biogeochemical controls on authigenic carbonate formation at the Chapopote asphalt volcano, Bay of Campeche. <i>Chemical Geology</i> , 2009, 266, 390-402.	1.4	52
24	Evidence of paleo-cold seep activity from the Bay of Bengal, offshore India. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	61
25	Temporal variability of gas seeps offshore New Zealand: Multi-frequency geoacoustic imaging of the Wairarapa area, Hikurangi margin. <i>Marine Geology</i> , 2010, 272, 49-58.	0.9	70
26	Cold seep carbonates and associated cold-water corals at the Hikurangi Margin, New Zealand: New insights into fluid pathways, growth structures and geochronology. <i>Marine Geology</i> , 2010, 272, 307-318.	0.9	72
27	Morpho-acoustic variability of cold seeps on the continental slope offshore Nicaragua: Result of fluid flow interaction with sedimentary processes. <i>Marine Geology</i> , 2010, 275, 53-65.	0.9	20
28	The enigmatic ichnofossil <i>Tisooa siphonalis</i> and widespread authigenic seep carbonate formation during the Late Pliensbachian in southern France. <i>Biogeosciences</i> , 2010, 7, 3123-3138.	1.3	28
29	U/Th dating of cold-seep carbonates: An initial comparison. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 2055-2060.	0.6	61
30	Pseudofossils in relict methane seep carbonates resemble endemic microbial consortia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 285, 131-142.	1.0	34
31	Variations of methane induced pyrite formation in the accretionary wedge sediments offshore southwestern Taiwan. <i>Marine and Petroleum Geology</i> , 2011, 28, 1829-1837.	1.5	75
32	Transient hydraulic fracturing and gas release in methane hydrate settings: A case study from southern Hydrate Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	37
33	Reconstructing changes in seep activity by means of pore water and solid phase Sr/Ca and Mg/Ca ratios in pockmark sediments of the Northern Congo Fan. <i>Marine Geology</i> , 2011, 287, 1-13.	0.9	119
34	Sidescan sonar imagery of widespread fossil and active cold seeps along the central Chilean continental margin. <i>Geo-Marine Letters</i> , 2012, 32, 489-499.	0.5	30
35	Authigenic carbonates from active methane seeps offshore southwest Africa. <i>Geo-Marine Letters</i> , 2012, 32, 501-513.	0.5	58
36	Authigenic carbonates from the Darwin Mud Volcano, Gulf of Cadiz: A record of palaeo-seepage of hydrocarbon bearing fluids. <i>Chemical Geology</i> , 2012, 300-301, 24-39.	1.4	25

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37	Review of submarine cold seep plumbing systems: leakage to seepage and venting. <i>Terra Nova</i> , 2012, 24, 255-272.	0.9	90
38	U/Th-dating and post-depositional alteration of a cold seep carbonate chimney from the Campos Basin offshore Brazil. <i>Marine Geology</i> , 2012, 329-331, 24-33.	0.9	30
39	Formation of carbonate chimneys in the Mediterranean Sea linked to deep-water oxygen depletion. <i>Nature Geoscience</i> , 2013, 6, 755-760.	5.4	105
40	Rare earth element geochemistry in cold-seep pore waters of Hydrate Ridge, northeast Pacific Ocean. <i>Geo-Marine Letters</i> , 2013, 33, 369-379.	0.5	77
41	Investigation on the geochemical dynamics of a hydrate-bearing pockmark in the Niger Delta. <i>Marine and Petroleum Geology</i> , 2013, 43, 297-309.	1.5	21
42	Influence of recent depositional and tectonic controls on marine gas hydrates in Trujillo Basin, Peru Margin. <i>Marine Geology</i> , 2013, 340, 30-48.	0.9	9
43	Tracing the evolution of seep fluids from authigenic carbonates: Green Canyon, northern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2013, 44, 71-81.	1.5	27
44	Authigenic carbonates from seeps on the northern continental slope of the South China Sea: New insights into fluid sources and geochronology. <i>Marine and Petroleum Geology</i> , 2013, 43, 260-271.	1.5	143
45	Diagenesis of magnetic minerals in a gas hydrate/cold seep environment off the Krishna-Godavari basin, Bay of Bengal. <i>Marine Geology</i> , 2013, 340, 57-70.	0.9	48
46	Tracing Phanerozoic hydrocarbon seepage from local basins to the global Earth system. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 390, 1-3.	1.0	5
47	Paleo-environmental controls on cold seep carbonate authigenesis in the Sea of Marmara. <i>Earth and Planetary Science Letters</i> , 2013, 376, 200-211.	1.8	56
48	Sr isotopic compositions of cold seep carbonates from the South China Sea and the Panoche Hills (California, USA) and their significance in palaeoceanography. <i>Journal of Asian Earth Sciences</i> , 2013, 65, 34-41.	1.0	18
49	Glendonites from an Early Jurassic methane seep – Climate or methane indicators?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 390, 81-93.	1.0	56
50	Outcrop analogues of pockmarks and associated methane-seep carbonates: A case study from the Lower Cretaceous (Albian) of the Basque-Cantabrian Basin, western Pyrenees. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 390, 94-115.	1.0	59
51	Evidence of climatic control on hydrocarbon seepage in the Miocene of the northern Apennines: The case study of the Vicchio Marls. <i>Marine and Petroleum Geology</i> , 2013, 48, 90-99.	1.5	10
52	Drivers of focused fluid flow and methane seepage at south Hydrate Ridge, offshore Oregon, USA. <i>Geology</i> , 2013, 41, 551-554.	2.0	35
53	A kinetic model for the methane hydrate precipitated from venting gas at cold seep sites at Hydrate Ridge, Cascadia margin, Oregon. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4669-4681.	1.4	17
54	The Gela Basin pockmark field in the strait of Sicily (Mediterranean Sea): chemosymbiotic faunal and carbonate signatures of postglacial to modern cold seepage. <i>Biogeosciences</i> , 2013, 10, 4653-4671.	1.3	35

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56	Time integrated variation of sources of fluids and seepage dynamics archived in authigenic carbonates from Gulf of Mexico Gas Hydrate Seafloor Observatory. <i>Chemical Geology</i> , 2014, 385, 129-139.	1.4	56
57	Cold-seep-driven carbonate deposits at the Central American forearc: contrasting evolution and timing in escarpment and mound settings. <i>International Journal of Earth Sciences</i> , 2014, 103, 1845-1872.	0.9	27
58	Factors influencing methane-derived authigenic carbonate formation at cold seep from southwestern Dongsha area in the northern South China Sea. <i>Environmental Earth Sciences</i> , 2014, 71, 2087-2094.	1.3	20
59	Marine cold seeps and their manifestations: geological control, biogeochemical criteria and environmental conditions. <i>International Journal of Earth Sciences</i> , 2014, 103, 1889-1916.	0.9	253
60	Last glacial emplacement of methane-derived authigenic carbonates in the Sea of Japan constrained by diatom assemblage, carbon-14, and carbonate content. <i>Marine and Petroleum Geology</i> , 2014, 56, 51-62.	1.5	12
61	Composition and origin of authigenic carbonates in the Krishna-Godavari and Mahanadi Basins, eastern continental margin of India. <i>Marine and Petroleum Geology</i> , 2014, 58, 438-460.	1.5	37
62	Sidescan backscatter variations of cold seeps on the Hikurangi Margin (New Zealand): indications for different stages in seep development. <i>Geo-Marine Letters</i> , 2014, 34, 169-184.	0.5	13
63	Past methane release events and environmental conditions at the upper continental slope of the South China Sea: constraints by seep carbonates. <i>International Journal of Earth Sciences</i> , 2014, 103, 1873-1887.	0.9	92
64	New insights into cerium anomalies and mechanisms of trace metal enrichment in authigenic carbonate from hydrocarbon seeps. <i>Chemical Geology</i> , 2014, 381, 55-66.	1.4	114
65	Analysis of bubble plume distributions to evaluate methane hydrate decomposition on the continental slope. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3825-3839.	1.0	49
66	Response of anaerobic methanotrophs and benthic foraminifera to 20 years of methane emission from a gas blowout in the North Sea. <i>Marine and Petroleum Geology</i> , 2015, 68, 731-742.	1.5	8
67	For the deep biosphere, the present is not always the key to the past: what we can learn from the geological record. <i>Terra Nova</i> , 2015, 27, 400-408.	0.9	17
68	Ikaite Abundance Controlled by Porewater Phosphorus Level: Potential Links to Dust and Productivity. <i>Journal of Geology</i> , 2015, 123, 269-281.	0.7	40
69	U-Th isotope constraints on gas hydrate and pockmark dynamics at the Niger delta margin. <i>Marine Geology</i> , 2015, 370, 87-98.	0.9	56
70	Authigenic carbonates from an active cold seep of the northern South China Sea: New insights into fluid sources and past seepage activity. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 122, 74-83.	0.6	170
71	Cold seep status archived in authigenic carbonates: Mineralogical and isotopic evidence from Northern South China Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 122, 95-105.	0.6	31
72	<sup>14</sup> C in Plant Macrofossils. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 127-132.	0.1	0
73	Seafloor geomorphic manifestations of gas venting and shallow subbottom gas hydrate occurrences. <i>Journal of Geology</i> , 2015, 11, 491-513.		28

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74	Comparison of Archaeal and Bacterial Diversity in Methane Seep Carbonate Nodules and Host Sediments, Eel River Basin and Hydrate Ridge, USA. <i>Microbial Ecology</i> , 2015, 70, 766-784.	1.4	40
75	Formation of methane-related authigenic carbonates in a highly dynamic biogeochemical system in the Krishna-Godavari Basin, Bay of Bengal. <i>Marine and Petroleum Geology</i> , 2015, 64, 324-333.	1.5	12
76	Formation of seep carbonates along the Makran convergent margin, northern Arabian Sea and a molecular and isotopic approach to constrain the carbon isotopic composition of parent methane. <i>Chemical Geology</i> , 2015, 415, 102-117.	1.4	84
77	A unique Fe-rich carbonate chimney associated with cold seeps in the Northern Okinawa Trough, East China Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 95, 37-53.	0.6	51
78	Time-series measurements of bubble plume variability and water column methane distribution above southern Hydrate Ridge, Oregon. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1182-1196.	1.0	28
79	Timescales of methane seepage on the Norwegian margin following collapse of the Scandinavian Ice Sheet. <i>Nature Communications</i> , 2016, 7, 11509.	5.8	125
80	Increase in methane flux and dissociation of iron and manganese oxides recorded in a methane-derived carbonate nodule in the eastern margin of the Sea of Japan. <i>GeoResJ</i> , 2016, 9-12, 104-116.	1.4	6
81	Stable isotope patterns of coexisting pyrite and gypsum indicating variable methane flow at a seep site of the Shenhu area, South China Sea. <i>Journal of Asian Earth Sciences</i> , 2016, 123, 213-223.	1.0	54
82	Diagenetic alteration affecting $\delta^{18}O$ , $\delta^{13}C$ and $87Sr/86Sr$ signatures of carbonates: A case study on Cretaceous seep deposits from Yarlung-Zangbo Suture Zone, Tibet, China. <i>Chemical Geology</i> , 2016, 444, 71-82.	1.4	26
83	Evidence of intense methane seepages from molybdenum enrichments in gas hydrate-bearing sediments of the northern South China Sea. <i>Chemical Geology</i> , 2016, 443, 173-181.	1.4	86
84	How sulfate-driven anaerobic oxidation of methane affects the sulfur isotopic composition of pyrite: A SIMS study from the South China Sea. <i>Chemical Geology</i> , 2016, 440, 26-41.	1.4	146
85	Insights into methane dynamics from analysis of authigenic carbonates and chemosynthetic mussels at newly-discovered Atlantic Margin seeps. <i>Earth and Planetary Science Letters</i> , 2016, 449, 332-344.	1.8	57
86	Fluid source and methane-related diagenetic processes recorded in cold seep carbonates from the Alvheim channel, central North Sea. <i>Chemical Geology</i> , 2016, 432, 16-33.	1.4	64
87	Diagenetic Mg-calcite overgrowths on foraminiferal tests in the vicinity of methane seeps. <i>Earth and Planetary Science Letters</i> , 2017, 458, 203-212.	1.8	37
88	Geochemical record of methane seepage in authigenic carbonates and surrounding host sediments: A case study from the South China Sea. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 51-61.	1.0	44
89	Methane seepage in a Cretaceous greenhouse world recorded by an unusual carbonate deposit from the Tarfaya Basin, Morocco. <i>Depositional Record</i> , 2017, 3, 4-37.	0.8	32
90	Authigenic carbonates from newly discovered active cold seeps on the northwestern slope of the South China Sea: Constraints on fluid sources, formation environments, and seepage dynamics. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 124, 31-41.	0.6	184
91	Deglaciation of the Eurasian ice sheet complex. <i>Quaternary Science Reviews</i> , 2017, 169, 148-172.	1.4	253

#	ARTICLE	IF	CITATIONS
92	Multiple sulfur isotope constraints on sulfate-driven anaerobic oxidation of methane: Evidence from authigenic pyrite in seepage areas of the South China Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 211, 153-173.	1.6	68
93	Authigenic carbonate mounds from active methane seeps on the southern Aquitaine Shelf (Bay of Tj ETQq1 1 0.784314 rgBT /Overlock discharge during formation. <i>Continental Shelf Research</i> , 2017, 133, 13-25.	0.9	20
94	The interaction of climate change and methane hydrates. <i>Reviews of Geophysics</i> , 2017, 55, 126-168.	9.0	560
95	U-Th chronology and formation controls of methane-derived authigenic carbonates from the Hola trough seep area, northern Norway. <i>Chemical Geology</i> , 2017, 470, 164-179.	1.4	23
96	Correlating shelf carbonate evolutive phases with fluid expulsion episodes in the foredeep (Miocene,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	12
97	9. Assessing metabolic activity at methane seeps: a testing ground for slow growing environmental systems. , 2017, , 223-260.		0
98	Giant depressions on the Chatham Rise offshore New Zealand – Morphology, structure and possible relation to fluid expulsion and bottom currents. <i>Marine Geology</i> , 2018, 399, 158-169.	0.9	13
99	Iron isotope constraints on diagenetic iron cycling in the Taixinan seepage area, South China Sea. <i>Journal of Asian Earth Sciences</i> , 2018, 168, 112-124.	1.0	14
100	Seafloor sealing, doming, and collapse associated with gas seeps and authigenic carbonate structures at Venere mud volcano, Central Mediterranean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 137, 76-96.	0.6	31
101	Formation of methane-derived carbonates during the last glacial period on the northern slope of the South China Sea. <i>Journal of Asian Earth Sciences</i> , 2018, 168, 173-185.	1.0	25
102	Characterization of benthic biogeochemistry and ecology at three methane seep sites on the Northern U.S. Atlantic margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 150, 41-56.	0.6	17
103	Paleo-cold seep activity in the southern South China Sea: Evidence from the geochemical and geophysical records of sediments. <i>Journal of Asian Earth Sciences</i> , 2018, 168, 106-111.	1.0	33
104	Sulfate-dependent anaerobic oxidation of methane at a highly dynamic bubbling site in the Eastern Sea of Marmara (Äřınarcık Basin). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 153, 79-91.	0.6	11
105	Geo-Biological Coupling of Authigenic Carbonate Formation and Autotrophic Faunal Colonization at Deep-Sea Methane Seeps II. <i>Geo-Biological Landscapes</i> . , 2018, , .		0
106	Using chemical compositions of sediments to constrain methane seepage dynamics: A case study from Haima cold seeps of the South China Sea. <i>Journal of Asian Earth Sciences</i> , 2018, 168, 137-144.	1.0	45
107	Cold seep systems in the South China Sea: An overview. <i>Journal of Asian Earth Sciences</i> , 2018, 168, 3-16.	1.0	184
108	Structural controls on seepage of thermogenic and microbial methane since the last glacial maximum in the Harstad Basin, southwest Barents Sea. <i>Marine and Petroleum Geology</i> , 2018, 98, 569-581.	1.5	16
109	Marine Cold Seeps: Background and Recent Advances. , 2018, , 1-21.		16

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110	Methane seepage at Vestnesa Ridge (NW Svalbard) since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2018, 193, 98-117.	1.4	32
111	Multiple sulfur isotopic evidence for the origin of elemental sulfur in an iron-dominated gas hydrate-bearing sedimentary environment. <i>Marine Geology</i> , 2018, 403, 271-284.	0.9	35
112	Environmental controls on sulfur isotopic compositions of sulfide minerals in seep carbonates from the South China Sea. <i>Journal of Asian Earth Sciences</i> , 2018, 168, 96-105.	1.0	34
113	Interplay of Subduction Tectonics, Sedimentation, and Carbon Cycling. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4939-4955.	1.0	7
114	A 160,000-year-old history of tectonically controlled methane seepage in the Arctic. <i>Science Advances</i> , 2019, 5, eaaw1450.	4.7	60
115	Methane-derived authigenic carbonates on accretionary ridges: Miocene case studies in the northern Apennines (Italy) compared with modern submarine counterparts. <i>Marine and Petroleum Geology</i> , 2019, 102, 860-872.	1.5	22
116	Stable isotopes and rare earth element compositions of ancient cold seep carbonates from Enza River, northern Apennines (Italy): Implications for fluids sources and carbonate chimney growth. <i>Marine and Petroleum Geology</i> , 2019, 109, 434-448.	1.5	12
117	Cold-Water Corals in Gas Hydrate Drilling Cores from the South China Sea: Occurrences, Geochemical Characteristics and Their Relationship to Methane Seepages. <i>Minerals (Basel)</i> , 2019, 9, 1078.	0.8	10
118	Gas Hydrate Dissociation During Sea-Level Highstand Inferred From U/Th Dating of Seep Carbonate From the South China Sea. <i>Geophysical Research Letters</i> , 2019, 46, 13928-13938.	1.5	39
119	New insights into geology and geochemistry of the Kerch seep area in the Black Sea. <i>Marine and Petroleum Geology</i> , 2020, 113, 104162.	1.5	13
120	Focused fluid flow and methane venting along the Queen Charlotte fault, offshore Alaska (USA) and British Columbia (Canada). <i>Geophysical Research Letters</i> , 2020, 47, 1336-1357.	1.5	8
121	Hybrid Carbonates: in situ abiotic, microbial and skeletal co-precipitates. <i>Earth-Science Reviews</i> , 2020, 208, 103300.	4.0	36
122	Methane seepage patterns during the middle Pleistocene inferred from molybdenum enrichments of seep carbonates in the South China Sea. <i>Ore Geology Reviews</i> , 2020, 125, 103701.	1.1	18
123	Comparison of Uranium Isotopes and Classical Geochemical Tracers in Karst Aquifer of Ljubljana River catchment (Slovenia). <i>Water (Switzerland)</i> , 2020, 12, 2064.	1.2	6
124	The Formation of Authigenic Carbonates at a Methane Seep Site in the Northern Part of the Laptev Sea. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 948.	0.8	10
125	The Role of Diagenesis in Shaping the Geochemistry of the Marine Carbonate Record. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 549-583.	4.6	67
126	Unique Authigenic Mineral Assemblages and Planktonic Foraminifera Reveal Dynamic Cold Seepage in the Southern South China Sea. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 275.	0.8	8
127	A record of seafloor methane seepage across the last 150 million years. <i>Scientific Reports</i> , 2020, 10, 2562.	1.6	27



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128	Sr and Nd isotopes of cold seep carbonates from the northern South China sea as proxies for fluid sources. <i>Marine and Petroleum Geology</i> , 2020, 115, 104284.	1.5	8
129	Porewater flow patterns in surficial cold seep sediments inferred from conservative tracer profiles and early diagenetic modeling. <i>Chemical Geology</i> , 2020, 536, 119468.	1.4	7
130	Methane transport and sources in an Arctic deep-water cold seep offshore NW Svalbard (Vestnesa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.6	9
131	Miocene Seep-Carbonates of the Northern Apennines (Emilia to Umbria, Italy): An Overview. <i>Geosciences (Switzerland)</i> , 2021, 11, 53.	1.0	6
132	Persistent oxygen depletion of bottom waters caused by methane seepage: Evidence from the South China Sea. <i>Ore Geology Reviews</i> , 2021, 129, 103949.	1.1	12
133	Expanding the repertoire of electron acceptors for the anaerobic oxidation of methane in carbonates in the Atlantic and Pacific Ocean. <i>ISME Journal</i> , 2021, 15, 2523-2536.	4.4	6
134	Distribution of Methane Plumes on Cascadia Margin and Implications for the Landward Limit of Methane Hydrate Stability. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	12
135	Possible Links Between Methane Seepages and Glacialâ€“Interglacial Transitions in the South China Sea. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091429.	1.5	17
136	From seep carbonates down to petroleum systems: An outcrop study from the southeastern France Basin. <i>AAPG Bulletin</i> , 2021, 105, 1033-1064.	0.7	3
137	The uranium isotopic record of shales and carbonates through geologic time. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 164-191.	1.6	28
138	A Long-Lived Center of Gasâ€“Fluid Emanations on the Western Slope of the Kuril Basin (Sea of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.3	2
139	Molybdenum isotope composition of seep carbonates â€“ Constraints on sediment biogeochemistry in seepage environments. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 307, 56-71.	1.6	16
140	Carbon-sulfur signals of methane versus crude oil diagenetic decomposition and U-Th age relationships for authigenic carbonates from asphalt seeps, southern Gulf of Mexico. <i>Chemical Geology</i> , 2021, 581, 120395.	1.4	1
141	A new method for the Uâ€“Th dating of a carbonate chimney deposited during the last glaciation in the northern Okinawa Trough, East China Sea. <i>Quaternary Geochronology</i> , 2021, 66, 101199.	0.6	6
142	Uranium isotopes as a possible tracer of terrestrial authigenic carbonate. <i>Science of the Total Environment</i> , 2021, 797, 149103.	3.9	6
144	North-South Variability in the History of Deformation and Fluid Venting across Hydrate Ridge, Cascadia Margin. , 0, , .		4
145	Cold-seep fossil macrofaunal assemblages from Vestnesa Ridge, eastern Fram Strait, during the past 45 000 years. <i>Polar Research</i> , 2019, 38, .	1.6	10
149	Carbonates, Marine Carbonates (U-Series). <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 136-141.	0.1	2

#	ARTICLE	IF	CITATIONS
150	Hydrocarbon seepage in the mid-Cretaceous greenhouse world: A new perspective from southern Tibet. <i>Global and Planetary Change</i> , 2022, 208, 103683.	1.6	7
151	Marine Cold Seeps: Background and Recent Advances. , 2020, , 747-767.		13
152	A new approach to processing and imaging multibeam water column echosounder data: Application to a complex methane seep on the southern Cascadia margin. <i>Interpretation</i> , 2022, 10, SB93-SB106.	0.5	3
154	Rising bottom-water temperatures induced methane release during the middle Holocene in the Okinawa Trough, East China Sea. <i>Chemical Geology</i> , 2022, 590, 120707.	1.4	13
155	Uranium-thorium isotope systematics of cold-seep carbonate and their constraints on geological methane leakage activities. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 105-121.	1.6	9
156	A relict oasis of living deep-sea mussels <i>Bathymodiolus</i> and microbial-mediated seep carbonates at newly-discovered active cold seeps in the Gulf of Cádiz, NE Atlantic Ocean. <i>Palaontologische Zeitschrift</i> , 2021, 95, 793-807.	0.8	2
157	Ancient Seep Carbonates: From Outcrop Appearance to Microscopic Petrography. <i>Topics in Geobiology</i> , 2022, , 79-110.	0.6	2
158	Geochemical characteristics of gases associated with natural gas hydrate. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
159	Episodic Venting of a Submarine Gas Seep on Geological Time Scales: Formosa Ridge, Northern South China Sea. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	7
160	Biogeochemistry and timing of methane-derived carbonate formation at Leirdjupet fault complex, SW Barents sea. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	5
161	Geochemical record of methane seepage in carbon cycling and possible correlation with climate events in the Qiongdongnan basin, South China Sea. <i>Marine and Petroleum Geology</i> , 2023, 149, 106061.	1.5	1
162	Geology and fossil cold-seep assemblages in the Kazusa Group on the northern Miura Peninsula, central Japan. <i>Journal of the Geological Society of Japan</i> , 2022, 128, 313-333.	0.2	0
163	A 209,000-year-old history of methane seepage activity controlled by multiple factors in the South China Sea. <i>Marine and Petroleum Geology</i> , 2023, 151, 106200.	1.5	1
164	Seismic characterization of a fluid escape structure in the North Sea: the Scanner Pockmark complex area. <i>Geophysical Journal International</i> , 2023, 234, 597-619.	1.0	0
165	The effects of organic matter and anaerobic oxidation of methane on the microbial sulfate reduction in cold seeps. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	0
166	Age-dating and assumptions testing of <sup>226</sup> Ra and <sup>228</sup> Ra decay series applied to barite chimneys and mud volcanoes in deepwater Gulf of Mexico. <i>Chemical Geology</i> , 2023, 630, 121485.	1.4	0
167	Timing of Seep Activities and Potential Driving Forces. , 2023, , 211-223.		0