

Gerhard Bohrmann

List of Publications by Year in descending order

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184
papers

10,242
citations

30070

54
h-index

43889

91
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208
all docs

208
docs citations

208
times ranked

5724
citing authors

#	ARTICLE	IF	CITATIONS
1	Megabenthos habitats influenced by nearby hydrothermal activity on the Sandwich Plate, Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 198, 105075.	1.4	2
2	Molecular and isotopic signatures of oil-driven bacterial sulfate reduction at seeps in the southern Gulf of Mexico. <i>Chemical Geology</i> , 2022, 595, 120797.	3.3	5
3	Clumped methane isotopologue-based temperature estimates for sources of methane in marine gas hydrates and associated vent gases. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 327, 276-297.	3.9	14
4	Sulfur formation associated with coexisting sulfide minerals in the Kemp Caldera hydrothermal system, Scotia Sea. <i>Chemical Geology</i> , 2022, 606, 120927.	3.3	2
5	Controls on Gas Emission Distribution on the Continental Slope of the Western Black Sea. <i>Frontiers in Earth Science</i> , 2021, 8, .	1.8	8
6	Electron Acceptor Availability Shapes Anaerobically Methane Oxidizing Archaea (ANME) Communities in South Georgia Sediments. <i>Frontiers in Microbiology</i> , 2021, 12, 617280.	3.5	11
7	Interactions between deep formation fluid and gas hydrate dynamics inferred from pore fluid geochemistry at active pockmarks of the Vestnesa Ridge, west Svalbard margin. <i>Marine and Petroleum Geology</i> , 2021, 127, 104957.	3.3	9
8	In-situ borehole temperature measurements confirm dynamics of the gas hydrate stability zone at the upper Danube deep sea fan, Black Sea. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116869.	4.4	12
9	Iron and sulfate reduction structure microbial communities in (sub-)Antarctic sediments. <i>ISME Journal</i> , 2021, 15, 3587-3604.	9.8	29
10	Heat Flow Measurements at the Danube Deep-Sea Fan, Western Black Sea. <i>Geosciences (Switzerland)</i> , 2021, 11, 240.	2.2	9
11	Oil and gas seepage offshore Georgia (Black Sea) – Geochemical evidences for a paleogene-neogene hydrocarbon source rock. <i>Marine and Petroleum Geology</i> , 2021, 128, 104995.	3.3	8
12	Variability of Natural Methane Bubble Release at Southern Hydrate Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009894.	2.5	4
13	Trace element distribution in methane-seep carbonates: The role of mineralogy and dissolved sulfide. <i>Chemical Geology</i> , 2021, 580, 120357.	3.3	14
14	Heterogeneous hydrocarbon seepage at Mictlan asphalt knoll of the southern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2021, 132, 105185.	3.3	3
15	Increased petrogenic and biospheric organic carbon burial in sub-Antarctic fjord sediments in response to recent glacier retreat. <i>Limnology and Oceanography</i> , 2021, 66, 4347-4362.	3.1	7
16	Origin and Transformation of Light Hydrocarbons Ascending at an Active Pockmark on Vestnesa Ridge, Arctic Ocean. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2018JB016679.	3.4	20
17	Physical properties and core-log seismic integration from drilling at the Danube deep-sea fan, Black Sea. <i>Marine and Petroleum Geology</i> , 2020, 114, 104192.	3.3	25
18	Methane gas emissions of the Black Sea – mapping from the Crimean continental margin to the Kerch Peninsula slope. <i>Geo-Marine Letters</i> , 2020, 40, 467-480.	1.1	13

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19	New insights into geology and geochemistry of the Kerch seep area in the Black Sea. <i>Marine and Petroleum Geology</i> , 2020, 113, 104162.	3.3	13
20	Methane Seeps and Independent Methane Plumes in the South China Sea Offshore Taiwan. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	12
21	Formation pathways of light hydrocarbons in deep sediments of the Danube deep-sea fan, Western Black Sea. <i>Marine and Petroleum Geology</i> , 2020, 122, 104627.	3.3	14
22	Shallow Gas Hydrate Accumulations at a Nigerian Deepwater Pockmark – Quantities and Dynamics. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018283.	3.4	10
23	Thermal Characterization of Pockmarks Across Vestnesa and Svyatogor Ridges, Offshore Svalbard. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019468.	3.4	1
24	Benthic Deep-Sea Life Associated with Asphaltic Hydrocarbon Emissions in the Southern Gulf of Mexico. <i>Springer Oceanography</i> , 2020, , 101-123.	0.3	2
25	Anaerobic Degradation of Non-Methane Alkanes by <i>Candidatus Methanoliparia</i> in Hydrocarbon Seeps of the Gulf of Mexico. <i>MBio</i> , 2019, 10, .	4.1	63
26	Deep-Sourced Fluids From a Convergent Margin Host Distinct Subseafloor Microbial Communities That Change Upon Mud Flow Expulsion. <i>Frontiers in Microbiology</i> , 2019, 10, 1436.	3.5	5
27	Characteristics and hydrocarbon seepage at the Challenger Knoll in the Sigsbee Basin, Gulf of Mexico. <i>Geo-Marine Letters</i> , 2019, 39, 391-399.	1.1	4
28	<i>Eualus amandae</i> (Decapoda: Caridea: Thoridae) is an indicator of active venting sites in the Southern Ocean. <i>Marine Biodiversity</i> , 2019, 49, 2937-2942.	1.0	1
29	A 160,000-year-old history of tectonically controlled methane seepage in the Arctic. <i>Science Advances</i> , 2019, 5, eaaw1450.	10.3	60
30	Formation of tubular carbonate conduits at Athina mud volcano, eastern Mediterranean Sea. <i>Marine and Petroleum Geology</i> , 2019, 107, 20-31.	3.3	8
31	Oil seepage and carbonate formation: A case study from the southern Gulf of Mexico. <i>Sedimentology</i> , 2019, 66, 2318-2353.	3.1	36
32	Amount and Fate of Gas and Oil Discharged at 3400 m Water Depth From a Natural Seep Site in the Southern Gulf of Mexico. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	29
33	A Rotary Sonar for Long-Term Acoustic Monitoring of Deep-Sea Gas Emissions. , 2019, , .		6
34	Morphology and activity of the Helgoland Mud Volcano in the Sorokin Trough, northern Black Sea. <i>Marine and Petroleum Geology</i> , 2019, 99, 227-236.	3.3	8
35	In Situ Temperature Measurements at the Svalbard Continental Margin: Implications for Gas Hydrate Dynamics. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1165-1177.	2.5	18
36	Mud Volcanism in a Canyon: Morphodynamic Evolution of the Active Venere Mud Volcano and Its Interplay With Squillace Canyon, Central Mediterranean. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 356-378.	2.5	12

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37	Gas hydrate dissociation off Svalbard induced by isostatic rebound rather than global warming. <i>Nature Communications</i> , 2018, 9, 83.	12.8	97
38	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.	1.4	31
39	Can hydrocarbons entrapped in seep carbonates serve as gas geochemistry recorder?. <i>Geo-Marine Letters</i> , 2018, 38, 121-129.	1.1	9
40	Slow Volcanoes: The Intriguing Similarities Between Marine Asphalt and Basalt Lavas. <i>Oceanography</i> , 2018, 31, .	1.0	10
41	Stromatolites below the photic zone in the northern Arabian Sea formed by calcifying chemotrophic microbial mats. <i>Geology</i> , 2018, 46, 339-342.	4.4	33
42	Mud extrusion and ring-fault gas seepage “upward branching fluid discharge at a deep-sea mud volcano. <i>Scientific Reports</i> , 2018, 8, 6275.	3.3	18
43	Application of the automatic seep location estimator (ASLE) with the use of contextual information for estimating offshore oil seeps. <i>Remote Sensing Applications: Society and Environment</i> , 2017, 5, 16-26.	1.5	1
44	Focused hydrocarbon migration in shallow sediments of a pockmark cluster in the Niger Delta (Off) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	19
45	Active tectonics of the Calabrian subduction revealed by new multi-beam bathymetric data and high-resolution seismic profiles in the Ionian Sea (Central Mediterranean). <i>Earth and Planetary Science Letters</i> , 2017, 461, 61-72.	4.4	73
46	Widespread methane seepage along the continental margin off Svalbard - from BjÅrnÅya to Kongsfjorden. <i>Scientific Reports</i> , 2017, 7, 42997.	3.3	100
47	Short-chain alkanes fuel mussel and sponge <i>Cycloclasticus</i> symbionts from deep-sea gas and oil seeps. <i>Nature Microbiology</i> , 2017, 2, 17093.	13.3	80
48	Major advance of South Georgia glaciers during the Antarctic Cold Reversal following extensive sub-Antarctic glaciation. <i>Nature Communications</i> , 2017, 8, 14798.	12.8	32
49	Long-term in situ observations at the Athina mud volcano, Eastern Mediterranean: Taking the pulse of mud volcanism. <i>Tectonophysics</i> , 2017, 721, 12-27.	2.2	10
50	Assessing marine gas emission activity and contribution to the atmospheric methane inventory: A multidisciplinary approach from the <sc>D</sc>utch <sc>D</sc>ogger <sc>B</sc>ank seep area (<sc>N</sc>orth <sc>S</sc>ea). <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2617-2633.	2.5	42
51	Massive asphalt deposits, oil seepage, and gas venting support abundant chemosynthetic communities at the Campeche Knolls, southern Gulf of Mexico. <i>Biogeosciences</i> , 2016, 13, 4491-4512.	3.3	40
52	Carbon cycling fed by methane seepage at the shallow Cumberland Bay, South Georgia, sub-Antarctic. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1401-1418.	2.5	23
53	Bathymetry and geological setting of the South Sandwich Islands volcanic arc. <i>Antarctic Science</i> , 2016, 28, 293-303.	0.9	27
54	Establishing criteria to distinguish oil-seep from methane-seep carbonates. <i>Geology</i> , 2016, 44, 667-670.	4.4	35

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55	Seep-carbonate lamination controlled by cyclic particle flux. <i>Scientific Reports</i> , 2016, 6, 37439.	3.3	17
56	Cold Seeps. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 117-122.	0.1	1
57	Automatic Estimation of Oil Seep Locations in Synthetic Aperture Radar Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 4218-4230.	6.3	30
58	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.	3.3	84
59	The silicon isotope record of early silica diagenesis. <i>Earth and Planetary Science Letters</i> , 2015, 428, 293-303.	4.4	48
60	Gas hydrate distributions in sediments of pockmarks from the Nigerian margin – Results and interpretation from shallow drilling. <i>Marine and Petroleum Geology</i> , 2015, 59, 359-370.	3.3	52
61	Gas emissions at the continental margin west of Svalbard: mapping, sampling, and quantification. <i>Biogeosciences</i> , 2014, 11, 6029-6046.	3.3	73
62	Distribution and temporal variation of megafauna at the northern pockmark (North Congo Fan), based on a comparison of videomosaics and geographic information systems analyses. <i>Marine Ecology</i> , 2014, 35, 77-95.	1.1	34
63	Natural oil Seep Location Estimation in SAR images using direct and contextual information. , 2014, , .		8
64	Fluid flow regimes and growth of a giant pockmark. <i>Geology</i> , 2014, 42, 63-66.	4.4	50
65	Natural oil seepage at Kobuleti Ridge, eastern Black Sea. <i>Marine and Petroleum Geology</i> , 2014, 50, 68-82.	3.3	60
66	Methane fluxes and carbonate deposits at a cold seep area of the Central Nile Deep Sea Fan, Eastern Mediterranean Sea. <i>Marine Geology</i> , 2014, 347, 27-42.	2.1	65
67	Cold Seeps. , 2014, , 1-8.		7
68	Hydrocarbon seepage and its sources at mud volcanoes of the Kumano forearc basin, Nankai Trough subduction zone. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2180-2194.	2.5	51
69	First evidence of widespread active methane seepage in the Southern Ocean, off the sub-Antarctic island of South Georgia. <i>Earth and Planetary Science Letters</i> , 2014, 403, 166-177.	4.4	40
70	Pockmark formation and evolution in deep water Nigeria: Rapid hydrate growth versus slow hydrate dissolution. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 2679-2694.	3.4	91
71	Methane in Marine Sediments. , 2014, , 1-7.		0
72	Marine Gas Hydrates. , 2014, , 1-7.		2

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73	Subduction zone earthquake as potential trigger of submarine hydrocarbon seepage. <i>Nature Geoscience</i> , 2013, 6, 647-651.	12.9	105
74	Rare earth element geochemistry in cold-seep pore waters of Hydrate Ridge, northeast Pacific Ocean. <i>Geo-Marine Letters</i> , 2013, 33, 369-379.	1.1	77
75	Rare earth elements of seep carbonates: Indication for redox variations and microbiological processes at modern seep sites. <i>Journal of Asian Earth Sciences</i> , 2013, 65, 27-33.	2.3	36
76	Megafaunal distribution and assessment of total methane and sulfide consumption by mussel beds at Menez Gwen hydrothermal vent, based on geo-referenced photomosaics. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 75, 93-109.	1.4	33
77	Sea Floor Methane Hydrates at Hydrate Ridge, Cascadia Margin. <i>Geophysical Monograph Series</i> , 2013, , 87-98.	0.1	65
78	An automatic detection system for natural oil seep origin estimation in SAR images. , 2013, , .		8
79	LAPM: a tool for underwater large-area photo-mosaicking. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2013, 2, 189-198.	1.6	9
80	Quantification of gas bubble emissions from submarine hydrocarbon seeps at the Makran continental margin (offshore Pakistan). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	108
81	Microstructure characteristics during hydrate formation and dissociation revealed by X-ray tomographic microscopy. <i>Geo-Marine Letters</i> , 2012, 32, 555-562.	1.1	29
82	Geological control and magnitude of methane ebullition from a high-flux seep area in the Black Sea – the Kerch seep area. <i>Marine Geology</i> , 2012, 319-322, 57-74.	2.1	92
83	The effect of meter-scale lateral oxygen gradients at the sediment-water interface on selected organic matter based alteration, productivity and temperature proxies. <i>Biogeosciences</i> , 2012, 9, 1553-1570.	3.3	32
84	Interaction between hydrocarbon seepage, chemosynthetic communities, and bottom water redox at cold seeps of the Makran accretionary prism: insights from habitat-specific pore water sampling and modeling. <i>Biogeosciences</i> , 2012, 9, 2013-2031.	3.3	87
85	Distribution and abundance of gas hydrates in near-surface deposits of the Håkon Mosby Mud Volcano, SW Barents Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	29
86	Petroleum degradation and associated microbial signatures at the Chapopote asphalt volcano, Southern Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4377-4398.	3.9	41
87	High-intensity gas seepage causes rafting of shallow gas hydrates in the southeastern Black Sea. <i>Earth and Planetary Science Letters</i> , 2011, 307, 35-46.	4.4	50
88	Quantifying in-situ gas hydrates at active seep sites in the eastern Black Sea using pressure coring technique. <i>Biogeosciences</i> , 2011, 8, 3555-3565.	3.3	21
89	Corrosion patterns of seep-carbonates from the eastern Mediterranean Sea. <i>Terra Nova</i> , 2011, 23, 206-212.	2.1	43
90	Gas hydrates in shallow deposits of the Amsterdam mud volcano, Anaximander Mountains, Northeastern Mediterranean Sea. <i>Geo-Marine Letters</i> , 2010, 30, 187-206.	1.1	56

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91	Contributions from the 9th International Conference on Gas in Marine Sediments, University of Bremen, 15-19 September 2008. <i>Geo-Marine Letters</i> , 2010, 30, 151-155.	1.1	5
92	Patterns of carbonate authigenesis at the Kouilou pockmarks on the Congo deep-sea fan. <i>Marine Geology</i> , 2010, 268, 129-136.	2.1	100
93	Grain size measurements of natural gas hydrates. <i>Marine Geology</i> , 2010, 274, 85-94.	2.1	24
94	Automated gas bubble imaging at sea floor – a new method of in situ gas flux quantification. <i>Ocean Science</i> , 2010, 6, 549-562.	3.4	19
95	Microstructures of structure I and II gas hydrates from the Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2010, 27, 116-125.	3.3	56
96	Authigenic carbonates from methane seeps of the northern Congo fan: Microbial formation mechanism. <i>Marine and Petroleum Geology</i> , 2010, 27, 748-756.	3.3	108
97	Origin, distribution, and alteration of asphalts at Chapopote Knoll, Southern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2010, 27, 1093-1106.	3.3	50
98	Shallow sediment deformation styles in north-western Campeche Knolls, Gulf of Mexico and their controls on the occurrence of hydrocarbon seepage. <i>Marine and Petroleum Geology</i> , 2010, 27, 959-972.	3.3	21
99	Authigenic carbonates from the eastern Black Sea as an archive for shallow gas hydrate dynamics – Results from the combination of CT imaging with mineralogical and stable isotope analyses. <i>Marine and Petroleum Geology</i> , 2010, 27, 1819-1829.	3.3	27
100	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.	1.4	61
101	Mixed gas hydrate structures at the Chapopote Knoll, southern Gulf of Mexico. <i>Earth and Planetary Science Letters</i> , 2010, 299, 207-217.	4.4	54
102	Molecular and isotopic partitioning of low-molecular-weight hydrocarbons during migration and gas hydrate precipitation in deposits of a high-flux seepage site. <i>Chemical Geology</i> , 2010, 269, 350-363.	3.3	102
103	Rare earth elements in authigenic methane-seep carbonates as tracers for fluid composition during early diagenesis. <i>Chemical Geology</i> , 2010, 277, 126-136.	3.3	129
104	Interaction between accretionary thrust faulting and slope sedimentation at the frontal Makran accretionary prism and its implications for hydrocarbon fluid seepage. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	22
105	Biogeochemistry of a low-activity cold seep in the Larsen B area, western Weddell Sea, Antarctica. <i>Biogeosciences</i> , 2009, 6, 2383-2395.	3.3	58
106	Authigenic carbonate precipitates from the NE Black Sea: a mineralogical, geochemical, and lipid biomarker study. <i>International Journal of Earth Sciences</i> , 2009, 98, 677-695.	1.8	42
107	Mineralization of vestimentiferan tubes at methane seeps on the Congo deep-sea fan. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 283-293.	1.4	43
108	Biogeochemical controls on authigenic carbonate formation at the Chapopote – asphalt volcano, Bay of Campeche. <i>Chemical Geology</i> , 2009, 266, 390-402.	3.3	52

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109	Vodyanitskii mud volcano, Sorokin trough, Black Sea: Geological characterization and quantification of gas bubble streams. <i>Marine and Petroleum Geology</i> , 2009, 26, 1799-1811.	3.3	93
110	The thermal structure of the Dvurechenskii mud volcano and its implications for gas hydrate stability and eruption dynamics. <i>Marine and Petroleum Geology</i> , 2009, 26, 1812-1823.	3.3	25
111	Pockmarks in the Northern Congo Fan area, SW Africa: Complex seafloor features shaped by fluid flow. <i>Marine Geology</i> , 2008, 249, 206-225.	2.1	95
112	Jiulong methane reef: Microbial mediation of seep carbonates in the South China Sea. <i>Marine Geology</i> , 2008, 249, 243-256.	2.1	196
113	Development and application of pressure-core-sampling systems for the investigation of gas- and gas-hydrate-bearing sediments. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 1590-1599.	1.4	75
114	Marine Methane Biogeochemistry of the Black Sea: A Review. <i>Modern Approaches in Solid Earth Sciences</i> , 2008, , 281-311.	0.3	6
115	Three-dimensional seismic investigations of the Sevastopol mud volcano in correlation to gas/fluid migration pathways and indications for gas hydrate occurrences in the Sorokin Trough (Black Sea). <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	13
116	A conceptual model for hydrocarbon accumulation and seepage processes around Chapopote asphalt site, southern Gulf of Mexico: From high resolution seismic point of view. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	30
117	Complex plumbing systems in the near subsurface: Geometries of authigenic carbonates from Dolgovskoy Mound (Black Sea) constrained by analogue experiments. <i>Marine and Petroleum Geology</i> , 2008, 25, 457-472.	3.3	53
118	Natural gas hydrate investigations by synchrotron radiation X-ray cryo-tomographic microscopy (SRXCTM). <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	46
119	Hydroacoustic methodology for detection, localization, and quantification of gas bubbles rising from the seafloor at gas seeps from the eastern Black Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	101
120	In situ hydrocarbon concentrations from pressurized cores in surface sediments, Northern Gulf of Mexico. <i>Marine Chemistry</i> , 2007, 107, 498-515.	2.3	38
121	Appearance and preservation of natural gas hydrate from Hydrate Ridge sampled during ODP Leg 204 drilling. <i>Marine Geology</i> , 2007, 244, 1-14.	2.1	48
122	Fabric of gas hydrate in sediments from Hydrate Ridge—results from ODP Leg 204 samples. <i>Geo-Marine Letters</i> , 2007, 27, 269-277.	1.1	47
123	Gas Hydrates in Marine Sediments. , 2006, , 481-512.		44
124	Methane discharge into the Black Sea and the global ocean via fluid flow through submarine mud volcanoes. <i>Earth and Planetary Science Letters</i> , 2006, 248, 545-560.	4.4	92
125	Acoustic investigation of cold seeps offshore Georgia, eastern Black Sea. <i>Marine Geology</i> , 2006, 231, 51-67.	2.1	84
126	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.	4.4	69

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127	Deformation and submarine landsliding caused by seamount subduction beneath the Costa Rica continental margin – new insights from high-resolution sidescan sonar data. Geological Society Special Publication, 2005, 244, 195-205.	1.3	24
128	Fluid sources, fluid pathways and diagenetic reactions across an accretionary prism revealed by Sr and B geochemistry. Earth and Planetary Science Letters, 2005, 239, 106-121.	4.4	68
129	Reply to comment on: “Gas hydrate growth, methane transport and chloride enrichment at the southern summit of Hydrate Ridge, Cascadia Margin off Oregon” Earth and Planetary Science Letters, 2005, 239, 168-175.	4.4	12
130	Chemoherms on Hydrate Ridge – Unique microbially-mediated carbonate build-ups growing into the water column. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 227, 67-85.	2.3	154
131	Mapping deep-water gas emissions with sidescan sonar. Eos, 2005, 86, 341.	0.1	28
132	Chapopote Asphalt Volcano may have been generated by supercritical water. Eos, 2005, 86, 397.	0.1	19
133	Evidence for the submarine weathering of silicate minerals in Black Sea sediments: Possible implications for the marine Li and B cycles. Geochemistry, Geophysics, Geosystems, 2004, 5, n/a-n/a.	2.5	41
134	Asphalt Volcanism and Chemosynthetic Life in the Campeche Knolls, Gulf of Mexico. Science, 2004, 304, 999-1002.	12.6	135
135	The effect of dissolved barium on biogeochemical processes at cold seeps. Geochimica Et Cosmochimica Acta, 2004, 68, 1735-1748.	3.9	100
136	Three-dimensional distribution of gas hydrate beneath southern Hydrate Ridge: constraints from ODP Leg 204. Earth and Planetary Science Letters, 2004, 222, 845-862.	4.4	278
137	Title is missing!. Earth and Planetary Science Letters, 2004, 225, 347-363.	4.4	13
138	Gas hydrate growth, methane transport, and chloride enrichment at the southern summit of Hydrate Ridge, Cascadia margin off Oregon. Earth and Planetary Science Letters, 2004, 226, 225-241.	4.4	264
139	Formation of modern and Paleozoic stratiform barite at cold methane seeps on continental margins: Comment and Reply. Geology, 2004, 32, e64-e65.	4.4	1
140	Fluid expulsion from the Dvurechenskii mud volcano (Black Sea)Part I. Fluid sources and relevance to Li, B, Sr, I and dissolved inorganic nitrogen cycles. Earth and Planetary Science Letters, 2004, 225, 347-363.	4.4	66
141	Acoustic investigations of mud volcanoes in the Sorokin Trough, Black Sea. Geo-Marine Letters, 2003, 23, 230-238.	1.1	63
142	Hydrocarbon gases in deposits from mud volcanoes in the Sorokin Trough, north-eastern Black Sea. Geo-Marine Letters, 2003, 23, 250-257.	1.1	58
143	Mud volcanoes and gas hydrates in the Black Sea: new data from Dvurechenskii and Odessa mud volcanoes. Geo-Marine Letters, 2003, 23, 239-249.	1.1	118
144	U/Th systematics and ages of authigenic carbonates from Hydrate Ridge, Cascadia Margin: recorders of fluid flow variations. Geochimica Et Cosmochimica Acta, 2003, 67, 3845-3857.	3.9	174

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145	Formation of modern and Paleozoic stratiform barite at cold methane seeps on continental margins. <i>Geology</i> , 2003, 31, 897.	4.4	135
146	Drilling Gashydrates on Hydrate Ridge, Cascadia Continental Margin. <i>Energy Exploration and Exploitation</i> , 2003, 21, 333-334.	2.3	3
147	Massive barite deposits and carbonate mineralization in the Derugin Basin, Sea of Okhotsk: precipitation processes at cold seep sites. <i>Earth and Planetary Science Letters</i> , 2002, 203, 165-180.	4.4	150
148	Stromatolitic fabric of authigenic carbonate crusts: result of anaerobic methane oxidation at cold seeps in 4,850m water depth. <i>International Journal of Earth Sciences</i> , 2002, 91, 698-711.	1.8	87
149	Widespread fluid expulsion along the seafloor of the Costa Rica convergent margin. <i>Terra Nova</i> , 2002, 14, 69-79.	2.1	91
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