Stephen E Grasby

List of Publications by Year
in descending order

147 papers	6,862 citations	50276 46 h-index	71685 76 g-index
203 all docs	203 docs citations	203 times ranked	5285 citing authors

#	Article	IF	Citations
1	On the causes of mass extinctions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 478, 3-29.	2.3	349
2	Latest Permian mercury anomalies. Geology, 2012, 40, 63-66.	4.4	278
3	Mercury as a proxy for volcanic emissions in the geologic record. Earth-Science Reviews, 2019, 196, 102880.	9.1	232
4	Global metagenomic survey reveals a new bacterial candidate phylum in geothermal springs. Nature Communications, 2016, 7, 10476.	12.8	189
5	Humboldtâ€™s spa: microbial diversity is controlled by temperature in geothermal environments. ISME Journal, 2014, 8, 1166-1174.	9.8	186
6	Isotopic signatures of mercury contamination in latest Permian oceans. Geology, 2017, 45, 55-58.	4.4	186
7	Relation between climate variability and groundwater levels in the upper carbonate aquifer, southern Manitoba, Canada. Journal of Hydrology, 2004, 290, 43-62.	5.4	179
8	Catastrophic dispersion of coal fly ash into oceans during the latest Permian extinction. Nature Geoscience, 2011, 4, 104-107.	12.9	174
9	Recurrent Early Triassic ocean anoxia. Geology, 2013, 41, 175-178.	4.4	152
10	Mercury deposition through the Permoâ€“Triassic Biotic Crisis. Chemical Geology, 2013, 351, 209-216.	3.3	149
11	Terrestrial sources as the primary delivery mechanism of mercury to the oceans across the Toarcian Oceanic Anoxic Event (Early Jurassic). Earth and Planetary Science Letters, 2019, 507, 62-72.	4.4	146
12	Mercury anomalies associated with three extinction events (Capitanian Crisis, Latest Permian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.5	141
13	Distribution and diversity of <scp>V</scp>errucomicrobia methanotrophs in geothermal and acidic environments. Environmental Microbiology, 2014, 16, 1867-1878.	3.8	132
14	Subglacial recharge into the Western Canada Sedimentary Basinâ€”Impact of Pleistocene glaciation on basin hydrodynamics. Bulletin of the Geological Society of America, 2005, 117, 500.	3.3	128
15	Predicting average annual groundwater levels from climatic variables: an empirical model. Journal of Hydrology, 2002, 260, 102-117.	5.4	112
16	Naturally precipitating vaterite (Î¼-CaCO3) spheres: unusual carbonates formed in an extreme environment. Geochimica Et Cosmochimica Acta, 2003, 67, 1659-1666.	3.9	106
17	Mercury anomalies across the end Permian mass extinction in South China from shallow and deep water depositional environments. Earth and Planetary Science Letters, 2018, 496, 159-167.	4.4	103
18	Progressive environmental deterioration in northwestern Pangea leading to the latest Permian extinction. Bulletin of the Geological Society of America, 2015, 127, 1331-1347.	3.3	98

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19	Stable-Isotope Probing Identifies Uncultured Planctomycetes as Primary Degraders of a Complex Heteropolysaccharide in Soil. Applied and Environmental Microbiology, 2015, 81, 4607-4615.	3.1	88
20	Latest Permian to Early Triassic basin-to-shelf anoxia in the Sverdrup Basin, Arctic Canada. Chemical Geology, 2009, 264, 232-246.	3.3	87
21	An abrupt extinction in the Middle Permian (Capitanian) of the Boreal Realm (Spitsbergen) and its link to anoxia and acidification. Bulletin of the Geological Society of America, 2015, 127, 1411-1421.	3.3	87
22	Early Triassic productivity crises delayed recovery from worldâ€™s worst mass extinction. Geology, 2016, 44, 779-782.	4.4	86
23	Mercury spikes suggest volcanic driver of the Ordovician-Silurian mass extinction. Scientific Reports, 2017, 7, 5304.	3.3	82
24	Impact of decadal and century-scale oscillations on hydroclimate trend analyses. Journal of Hydrology, 2009, 365, 122-133.	5.4	79
25	Ultra-shallow-marine anoxia in an Early Triassic shallow-marine clastic ramp (Spitsbergen) and the suppression of benthic radiation. Geological Magazine, 2016, 153, 316-331.	1.5	78
26	Environmental crises at the Permianâ€“Triassic mass extinction. Nature Reviews Earth & Environment, 2022, 3, 197-214.	29.7	78
27	Controls on the distribution of thermal springs in the southern Canadian Cordillera. Canadian Journal of Earth Sciences, 2001, 38, 427-440.	1.3	77
28	Late Ordovician mass extinction caused by volcanism, warming, and anoxia, not cooling and glaciation. Geology, 2020, 48, 777-781.	4.4	75
29	Global mercury cycle during the end-Permian mass extinction and subsequent Early Triassic recovery. Earth and Planetary Science Letters, 2019, 513, 144-155.	4.4	72
30	The influence of waterâ€“rock interaction on the chemistry of thermal springs in western Canada. Applied Geochemistry, 2000, 15, 439-454.	3.0	71
31	Supraglacial Sulfur Springs and Associated Biological Activity in the Canadian High Arcticâ€”Signs of Life Beneath the Ice. Astrobiology, 2003, 3, 583-596.	3.0	70
32	Intrabasin variability of the carbon-isotope record across the Permianâ€“Triassic transition, Sverdrup Basin, Arctic Canada. Chemical Geology, 2008, 253, 141-150.	3.3	69
33	Ecological disturbance in tropical peatlands prior to marine Permian-Triassic mass extinction. Geology, 2020, 48, 288-292.	4.4	69
34	Regional hydrogeochemistry of the carbonate rock aquifer, southern Manitoba. Canadian Journal of Earth Sciences, 2002, 39, 1053-1063.	1.3	62
35	Regional characterization of the Paskapoo bedrock aquifer system, southern AlbertaGeological Survey of Canada Contribution 2008-0479.. Canadian Journal of Earth Sciences, 2008, 45, 1501-1516.	1.3	62
36	Origin, distribution and hydrogeochemical controls on methane occurrences in shallow aquifers, southwestern Ontario, Canada. Applied Geochemistry, 2014, 50, 37-52.	3.0	60

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37	Toxic mercury pulses into late Permian terrestrial and marine environments. Geology, 2020, 48, 830-833.	4.4	60
38	Molybdenum isotopic evidence for oxic marine conditions during the latest Permian extinction. Geology, 2013, 41, 967-970.	4.4	59
39	Permian lysocline shoaling and ocean acidification along NW Pangea led to carbonate eradication and chert expansion. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 350-352, 73-90.	2.3	58
40	Heat flow, depthâ€“temperature variations and stored thermal energy for enhanced geothermal systems in Canada. Journal of Geophysics and Engineering, 2010, 7, 232-241.	1.4	56
41	High amplitude redox changes in the late Early Triassic of South China and the Smithianâ€“Spathian extinction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 427, 62-78.	2.3	56
42	Late Permian Sedimentation in the Sverdrup Basin, Canadian Arctic: The Lindstrom and Black Stripe Formations. Bullentin of Canadian Petroleum Geology, 2009, 57, 167-191.	0.3	54
43	The Persistence of Brines in Sedimentary Basins. Geophysical Research Letters, 2018, 45, 4851-4858.	4.0	54
44	Anomalous fractionation of mercury isotopes in the Late Archean atmosphere. Nature Communications, 2020, 11, 1709.	12.8	52
45	Biosignature Detection at an Arctic Analog to Europa. Astrobiology, 2012, 12, 135-150.	3.0	47
46	Lower Cretaceous cold snaps led to widespread glendonite occurrences in the Sverdrup Basin, Canadian High Arctic. Bulletin of the Geological Society of America, 2017, 129, 771-787.	3.3	47
47	The stress regime of the Western Canadian Sedimentary Basin. Geofluids, 2012, 12, 150-165.	0.7	46
48	An approach for predicting groundwater recharge in mountainous watersheds. Journal of Hydrology, 2009, 365, 156-172.	5.4	45
49	Metagenomic evidence for sulfur lithotrophy by Epsilonproteobacteria as the major energy source for primary productivity in a sub-aerial arctic glacial deposit, Borup Fiord Pass. Frontiers in Microbiology, 2013, 4, 63.	3.5	42
50	Origin and geochemistry of saline spring waters in the Athabasca oil sands region, Alberta, Canada. Applied Geochemistry, 2015, 61, 132-145.	3.0	42
51	Ecological and genomic analyses of candidate phylum <scp>WPS</scp>â€2 bacteria in an unvegetated soil. Environmental Microbiology, 2020, 22, 3143-3157.	3.8	42
52	Application of the stable isotope composition of S04 to tracing anomalous TDS in Nose Creek, southern Alberta, Canada. Applied Geochemistry, 1997, 12, 567-575.	3.0	41
53	Hydrogeology of the Winnipeg Formation in Manitoba, Canada. Hydrogeology Journal, 2007, 15, 573-587.	2.1	41
54	Surface-waterâ€“groundwater interaction and the influence of ion exchange reactions on river chemistry. Geology, 1999, 27, 223.	4.4	40

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55	Chemical dynamics and weathering rates of a carbonate basin Bow River, southern Alberta. Applied Geochemistry, 2000, 15, 67-77.	3.0	40
56	The Budayâ€™ah Formation, Sultanate of Oman: A Middle Permian to Early Triassic oceanic record of the Neotethys and the late Induan microsphere bloom. Journal of Asian Earth Sciences, 2012, 43, 130-144.	2.3	39
57	Characterization of a sulfur-rich Arctic spring site and field analog to Europa using hyperspectral data. Remote Sensing of Environment, 2010, 114, 1297-1311.	11.0	38
58	Low temperature S0 biomineralization at a supraglacial spring system in the Canadian High Arctic. Geobiology, 2011, 9, 360-375.	2.4	38
59	The Paint Pots, Kootenay National Park, CanadaÂâ€" a natural acid spring analogue for Mars. Canadian Journal of Earth Sciences, 2013, 50, 94-108.	1.3	36
60	What do aqueous geothermometers really tell us?. Geofluids, 2009, 9, 39-48.	0.7	34
61	High Potential Regions for Enhanced Geothermal Systems in Canada. Natural Resources Research, 2010, 19, 177-188.	4.7	34
62	Estimation of Shallow Geothermal Energy Resource in Canada: Heat Gain and Heat Sink. Natural Resources Research, 2009, 18, 95-108.	4.7	32
63	Low-temperature formation and stabilization of rare allotropes of cyclooctasulfur (Î²-S8 and Î³-S8) in the presence of organic carbon at a sulfur-rich glacial site in the Canadian High Arctic. Geochimica Et Cosmochimica Acta, 2017, 200, 218-231.	3.9	31
64	Water mass denitrification during the latest Permian extinction in the Sverdrup Basin, Arctic Canada. Geology, 2013, 41, 167-170.	4.4	30
65	Biogeochemistry of Hypersaline Springs Supporting a Mid-Continent Marine Ecosystem: An Analogue for Martian Springs?. Astrobiology, 2007, 7, 662-683.	3.0	29
66	The Capitanian (Guadalupian, Middle Permian) mass extinction in NW Pangea (Borup Fiord, Arctic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2020, 132, 931-942.	3.3	28
67	Influence of till provenance on regional groundwater geochemistry. Chemical Geology, 2010, 273, 225-237.	3.3	27
68	Anaerobic carboxydotrophic bacteria in geothermal springs identified using stable isotope probing. Frontiers in Microbiology, 2015, 6, 897.	3.5	27
69	Controls on biogenic gas formation in the Qaidam Basin, northwestern China. Chemical Geology, 2013, 335, 36-47.	3.3	26
70	Methanotrophic bacteria in warm geothermal spring sediments identified using stable-isotope probing. FEMS Microbiology Ecology, 2014, 90, 92-102.	2.7	26
71	Major volcanic eruptions linked to the Late Ordovician mass extinction: Evidence from mercury enrichment and Hg isotopes. Global and Planetary Change, 2021, 196, 103374.	3.5	26
72	Spring water trace element geochemistry: A tool for resource assessment and reconnaissance mineral exploration. Applied Geochemistry, 2008, 23, 3561-3578.	3.0	25

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73	Reconstructing river discharge trends from climate variables and prediction of future trends. Journal of Hydrology, 2014, 511, 267-278.	5.4	25
74	Field evidence for coal combustion links the 252 Ma Siberian Traps with global carbon disruption. Geology, 2020, 48, 986-991.	4.4	25
75	Geothermal Energy for Northern Canada: Is it Economical?. Natural Resources Research, 2014, 23, 159-173.	4.7	24
76	Global warming leads to Early Triassic nutrient stress across northern Pangea. Bulletin of the Geological Society of America, 2020, 132, 943-954.	3.3	24
77	Integrated bio-chemostratigraphy of Lower and Middle Triassic marine successions at Spiti in the Indian Himalaya: Implications for the Early Triassic nutrient crisis. Global and Planetary Change, 2021, 196, 103363.	3.5	24
78	Gas hydrate contribution to Late Permian global warming. Earth and Planetary Science Letters, 2014, 393, 243-253.	4.4	23
79	Closed-loop geothermal energy recovery from deep high enthalpy systems. Renewable Energy, 2021, 177, 976-991.	8.9	23
80	New constraints on the age, geochemistry, and environmental impact of High Arctic Large Igneous Province magmatism: Tracing the extension of the Alpha Ridge onto Ellesmere Island, Canada. Bulletin of the Geological Society of America, 2021, 133, 1695-1711.	3.3	23
81	Evidence for deep anaerobic biodegradation associated with rapid sedimentation and burial in the Beaufortâ€“Mackenzie basin, Canada. Applied Geochemistry, 2009, 24, 536-542.	3.0	22
82	Thermal springs and heat flow in North America. Geofluids, 2011, 11, 294-301.	0.7	22
83	Cryogenic formation of brine and sedimentary mirabilite in submergent coastal lake basins, Canadian Arctic. Geochimica Et Cosmochimica Acta, 2013, 110, 13-28.	3.9	22
84	Physical and chemical properties of the Sulphur Mountain thermal springs, Banff National Park, and implications for endangered snails. Canadian Journal of Earth Sciences, 2002, 39, 1349-1361.	1.3	21
85	Sulfuric Acid Speleogenesis Associated with a Glacially Driven Groundwater Systemâ€”Paleo-spring â€œPipesâ€•at Borup Fiord Pass, Nunavut. Astrobiology, 2012, 12, 19-28.	3.0	21
86	Deep groundwater circulation and associated methane leakage in the northern Canadian Rocky Mountains. Applied Geochemistry, 2016, 68, 10-18.	3.0	21
87	Formation water geochemistry of the Sverdrup Basin: Implications for hydrocarbon development in the High Arctic. Applied Geochemistry, 2012, 27, 1623-1632.	3.0	20
88	Deep groundwater circulation through the High Arctic cryosphere forms Mars-like gullies. Geology, 2014, 42, 651-654.	4.4	20
89	The effect of long-term regional pumping on hydrochemistry and dissolved gas content in an undeveloped shale-gas-bearing aquifer in southwestern Ontario, Canada. Hydrogeology Journal, 2015, 23, 719-739.	2.1	20
90	Cryogenian interglacial greenhouse driven by enhanced volcanism: Evidence from mercury records. Earth and Planetary Science Letters, 2021, 564, 116902.	4.4	20

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91	Spectral reflectance properties of carbonates from terrestrial analogue environments: Implications for Mars. Planetary and Space Science, 2010, 58, 522-537.	1.7	18
92	Hydrogeological implications of paleo-fluvial architecture for the Paskapoo Formation, SW Alberta, Canada: a stochastic analysis. Hydrogeology Journal, 2010, 18, 1375-1390.	2.1	18
93	Mercury Evidence of Intense Volcanism Preceded Oceanic Anoxic Event 1d. Geophysical Research Letters, 2021, 48, e2020GL091508.	4.0	18
94	Pleistocene recharge and flow reversal in the Williston basin, central North America. Journal of Geochemical Exploration, 2000, 69-70, 403-407.	3.2	17
95	Extensive Early Cretaceous (Albian) methane seepage on Ellef Ringnes Island, Canadian High Arctic. Bulletin of the Geological Society of America, 2017, 129, 788-805.	3.3	17
96	Deep geothermal energy in Canadian sedimentary basins VS. Fossils based energy we try to replace â€“ Exergy [KJ/KG] compared. Renewable Energy, 2019, 141, 259-277.	8.9	17
97	Microbial Metabolic Redundancy Is a Key Mechanism in a Sulfur-Rich Glacial Ecosystem. MSystems, 2020, 5, .	3.8	17
98	Historical climate and stream flow trends and future water demand analysis in the Calgary region, Canada. Water Science and Technology, 2006, 53, 1-11.	2.5	16
99	Travertine mounds of the Cave and Basin National Historic Site, Banff National Park. Canadian Journal of Earth Sciences, 2003, 40, 1501-1513.	1.3	15
100	Mercury record of intense hydrothermal activity during the early Cambrian, South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 568, 110294.	2.3	15
101	Hydrocarbon migration detected by regional temperature field variations, Beaufort-Mackenzie Basin, Canada. AAPG Bulletin, 2008, 92, 1639-1653.	1.5	14
102	Microbial Functional Diversity Correlates with Species Diversity along a Temperature Gradient. MSystems, 2022, 7, e0099121.	3.8	14
103	Identification of a Marine Green Alga Percursaria percursa from Hypersaline Springs in the Middle of the North American Continent. Canadian Field-Naturalist, 2005, 119, 82.	0.1	13
104	The geothermal potential of the basal clastics of Saskatchewan, Canada. Hydrogeology Journal, 2014, 22, 143-150.	2.1	13
105	Osmium-isotope evidence for volcanism across the Wuchiapingianâ€“Changhsingian boundary interval. Chemical Geology, 2019, 529, 119313.	3.3	13
106	Heat transition for major communities supported by geothermal energy development of the Alberta Basin, Canada. Geothermics, 2020, 88, 101883.	3.4	13
107	Influence of saline groundwater discharge on river water chemistry in the Athabasca oil sands region â€“ A chloride stable isotope and mass balance approach. Applied Geochemistry, 2018, 89, 75-85.	3.0	12
108	Characteristics of Hg concentrations and isotopes in terrestrial and marine facies across the end-Permian mass extinction. Global and Planetary Change, 2021, 205, 103592.	3.5	11

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109	Global Hg cycle over Ediacaranâ€“Cambrian transition and its implications for environmental and biological evolution. Earth and Planetary Science Letters, 2022, 587, 117551.	4.4	11
110	Silica Chimneys Formed by Low-Temperature Brine Spring Discharge. Astrobiology, 2009, 9, 931-941.	3.0	10
111	Low-Temperature Sulfidic-Ice Microbial Communities, Borup Fiord Pass, Canadian High Arctic. Frontiers in Microbiology, 2018, 9, 1622.	3.5	10
112	Analysis of microbial communities in natural halite springs reveals a domainâ€dependent relationship of species diversity to osmotic stress. Environmental Microbiology Reports, 2018, 10, 695-703.	2.4	10
113	Nickel isotopes link Siberian Traps aerosol particles to the end-Permian mass extinction. Nature Communications, 2021, 12, 2024.	12.8	10
114	Actinocrinis puniceicyclus gen. nov., sp. nov., an actinobacterium isolated from an acidic spring. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 602-609.	1.7	10
115	A hypersaline spring analogue in Manitoba, Canada for potential ancient spring deposits on Mars. Icarus, 2013, 224, 399-412.	2.5	9
116	Controls on the formation of microbially induced sedimentary structures and biotic recovery in the Lower Triassic of Arctic Canada. Bulletin of the Geological Society of America, 2020, 132, 918-930.	3.3	9
117	Deep Geothermal Heating Potential for the Communities of the Western Canadian Sedimentary Basin. Energies, 2021, 14, 706.	3.1	9
118	Late Paleocene-middle Eocene hydrocarbon source rock potential in the Arctic Beaufort-Mackenzie Basin. Marine and Petroleum Geology, 2017, 86, 1082-1091.	3.3	8
119	Sequence stratigraphy, basin morphology and sea-level history for the Permian Kapp Starostin Formation of Svalbard, Norway. Geological Magazine, 2018, 155, 1023-1039.	1.5	8
120	Extensive jarosite deposits formed through auto-combustion and weathering of pyritiferous mudstone, Smoking Hills (Ingniryuat), Northwest Territories, Canadian Arctic â€“ A potential Mars analogue. Chemical Geology, 2022, 587, 120634.	3.3	7
121	Deccan volcanic activity and its links to the end-Cretaceous extinction in northern China. Global and Planetary Change, 2022, 210, 103772.	3.5	7
122	Tellurium in Late Permianâ€Early Triassic Sediments as a Proxy for Siberian Flood Basalt Volcanism. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009064.	2.5	6
123	Hydrocarbons and water in the Western Canada Sedimentary Basin â€” A tale of two fluids. Journal of Geochemical Exploration, 2006, 89, 112-114.	3.2	5
124	Microbial consortia controlling biogenic gas formation in the Qaidam Basin of western China. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 2296-2309.	3.0	5
125	Seismic induced flow disruption of Gandll K'in Gwaay.yaay thermal springs, Gwaii Haanas National Park Reserve, Canada. Applied Geochemistry, 2019, 103, 118-130.	3.0	5
126	Contaminants in Marine Sedimentary Deposits from Coal Fly Ash During the Latest Permian Extinction. Developments in Paleoenvironmental Research, 2015, , 89-99.	8.0	5

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127	Volcanismâ€Triggered Climatic Control on Late Cretaceous Oceans. Geochemistry, Geophysics, Geosystems, 2022, 23, e2021GC010292.	2.5	5
128	Biogeochemical sulphur cycle in an extreme environmentâ€"lifebeneath a high arctic glacier, Nunavut, Canada. Journal of Geochemical Exploration, 2003, 78-79, 71-74.	3.2	4
129	Pore pressure patterns in Tertiary successions and hydrodynamic implications, Beaufort-Mackenzie Basin, Canada. Bullentin of Canadian Petroleum Geology, 2010, 58, 3-16.	0.3	4
130	Geological controls on regional transmissivity anisotropy. Geofluids, 2011, 11, 228-241.	0.7	4
131	Deep Groundwater Circulation through Gas Shales in Mountain Belts. Procedia Earth and Planetary Science, 2017, 17, 532-533.	0.6	4
132	Determining the Lifespan of Hydrothermal Systems Using Thermochronology and Thermal Modeling. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006286.	2.8	4
133	Climate/ocean dynamics and possible atmospheric mercury depletion events during the Late Sturtian deglaciation. Chemical Geology, 2022, 598, 120830.	3.3	4
134	Silica â€˜chimneysâ€™ related to paleo-brine discharge from the Williston Basin. Journal of Geochemical Exploration, 2006, 89, 149-152.	3.2	3
135	Reply to Ryan etÂal. comment on â€œOrigin, distribution and hydrogeochemical controls on methane occurrences in shallow aquifers, southwestern Ontarioâ€• Applied Geochemistry, 2015, 63, 446-450.	3.0	3
136	Insights into contaminant transport from unconventional oil and gas developments from analog system analysis of methane-bearing thermal springs in the northern Canadian Rocky Mountains. Hydrogeology Journal, 2018, 26, 481-493.	2.1	3
137	Salt dissolution and permeability in the Western Canada Sedimentary Basin. Hydrogeology Journal, 2019, 27, 161-170.	2.1	3
138	Geological controls on the present temperature field of the western Sverdrup Basin, Canadian Arctic Archipelago. Basin Research, 2018, 30, 479-496.	2.7	2
139	Limited freshwater cap in the Eocene Arctic Ocean. Scientific Reports, 2019, 9, 4226.	3.3	2
140	Isotopic evidence for changes in the mercury and zinc cycles during Oceanic Anoxic Event 2 in the northwestern Tethys, Austria. Global and Planetary Change, 2022, 215, 103881.	3.5	2
141	Mercury anomalies across the Cryogenian-Ediacaran boundary in South China. Precambrian Research, 2022, 379, 106771.	2.7	2
142	Bioenergetics of microbial sulfur-redox reactions in a glacial environment. Applied Geochemistry, 2011, 26, S323.	3.0	1
143	GAL08, an Uncultivated Group of Acidobacteria, Is a Dominant Bacterial Clade in a Neutral Hot Spring. Frontiers in Microbiology, 2021, 12, 787651.	3.5	1
144	Sulfur- and Iron-Rich Mineralogical Features Preserved in Permafrost in the Canadian High Arctic: Analogs for the Astrobiological Exploration of Mars. Frontiers in Astronomy and Space Sciences, 2022, 9, .	2.8	1

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145	Extreme Environment Analogue Studies Part I. Astrobiology, 2007, 7, 644-644.	3.0	0
146	Latest Permian chars may derive from wildfires, not coal combustion: COMMENT. Geology, 2015, 43, e358-e358.	4.4	0
147	Groundwater contribution keeps trophic status low in Sylvan Lake, Alberta, Canada. Canadian Water Resources Journal, 2018, 43, 366-381.	1.2	0