

# J W Jamieson

## List of Publications by Year in descending order

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39  
papers

1,387  
citations

567281

15  
h-index

526287

27  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mineral-scale variation in the trace metal and sulfur isotope composition of pyrite: implications for metal and sulfur sources in mafic VMS deposits. <i>Mineralium Deposita</i> , 2022, 57, 911-933.	4.1	7
2	Effects of Substrate Composition and Subsurface Fluid Pathways on the Geochemistry of Seafloor Hydrothermal Deposits at the Lucky Strike Vent Field, Mid-Atlantic Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	3
3	Oxidizing fluids associated with detachment hosted hydrothermal systems: Example from the Suye hydrothermal field on the ultraslow-spreading Southwest Indian Ridge. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 328, 19-36.	3.9	12
4	Age and Rate of Accumulation of Metal-Rich Hydrothermal Deposits on the Seafloor: The Lucky Strike Vent Field, Mid-Atlantic Ridge. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	4
5	Non-Vent Megafaunal Communities on the Endeavour and Middle Valley Segments of the Juan de Fuca Ridge, Northeast Pacific Ocean. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	1
6	Magnetic and Gravity Surface Geometry Inverse Modeling of the TAG Active Mound. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022228.	3.4	11
7	Modelling the geometry of the Trans-Atlantic Geotransverse seafloor massive sulphide deposit through magnetic surface geometry inversion. , 2020, , .		0
8	Structural Control, Evolution, and Accumulation Rates of Massive Sulfides in the TAG Hydrothermal Field. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009185.	2.5	16
9	Magnetic imaging of subseafloor hydrothermal fluid circulation pathways. <i>Science Advances</i> , 2020, 6, .	10.3	13
10	Hydrothermal Chimney Distribution on the Endeavour Segment, Juan de Fuca Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008917.	2.5	13
11	Mineralization and Alteration of a Modern Seafloor Massive Sulfide Deposit Hosted in Mafic Volcaniclastic Rocks. <i>Economic Geology</i> , 2019, 114, 857-896.	3.8	27
12	The role of nanoparticles in mediating element deposition and transport at hydrothermal vents. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 261, 113-131.	3.9	21
13	Physico-chemical properties of newly discovered hydrothermal plumes above the Southern Mid-Atlantic Ridge (13°-33°S). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 148, 34-52.	1.4	19
14	Microbial metal-sulfide oxidation in inactive hydrothermal vent chimneys suggested by metagenomic and metaproteomic analyses. <i>Environmental Microbiology</i> , 2019, 21, 682-701.	3.8	50
15	Investigating sulfur pathways through the lithosphere by tracing mass independent fractionation of sulfur to the Lady Bountiful orogenic gold deposit, Yilgarn Craton. <i>Gondwana Research</i> , 2018, 58, 27-38.	6.0	53
16	Boiling-induced formation of colloidal gold in black smoker hydrothermal fluids. <i>Geology</i> , 2018, 46, 39-42.	4.4	49
17	Three-Dimensional Spatially Constrained Sulfur Isotopes Highlight Processes Controlling Sulfur Cycling in the Near Surface of the Iheya North Hydrothermal System, Okinawa Trough. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2798-2812.	2.5	8
18	Tectonic structure, evolution, and the nature of oceanic core complexes and their detachment fault zones (13°20'N and 13°30'N, Mid Atlantic Ridge). <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1451-1482.	2.5	94

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19	Hydrothermalism. Encyclopedia of Earth Sciences Series, 2016, , 344-357.	0.1	5
20	Precipitation and growth of barite within hydrothermal vent deposits from the Endeavour Segment, Juan de Fuca Ridge. Geochimica Et Cosmochimica Acta, 2016, 173, 64-85.	3.9	55
21	News from the seabed â€“ Geological characteristics and resource potential of deep-sea mineral resources. Marine Policy, 2016, 70, 175-187.	3.2	245
22	Linkages between mineralogy, fluid chemistry, and microbial communities within hydrothermal chimneys from the Endeavour Segment, Juan de Fuca Ridge. Geochemistry, Geophysics, Geosystems, 2016, 17, 300-323.	2.5	25
23	Seafloor massive sulfide deposits: Continuing efforts toward a global estimate of seafloor massive sulfides. , 2015, , .		1
24	Hydrothermalism. , 2015, , 1-20.		0
25	Magnetite formation from ferrihydrite by hyperthermophilic archaea from Endeavour Segment, Juan de Fuca Ridge hydrothermal vent chimneys. Geobiology, 2014, 12, 200-211.	2.4	12
26	Hydrothermal sulfide accumulation along the Endeavour Segment, Juan de Fuca Ridge. Earth and Planetary Science Letters, 2014, 395, 136-148.	4.4	64
27	Volcanogenic Massive Sulfides. , 2014, , 1-9.		3
28	Neoarchaeon seawater sulphate concentrations from sulphur isotopes in massive sulphide ore. Nature Geoscience, 2013, 6, 61-64.	12.9	85
29	Sulfide geochronology along the Endeavour Segment of the Juan de Fuca Ridge. Geochemistry, Geophysics, Geosystems, 2013, 14, 2084-2099.	2.5	53
30	The abundance of seafloor massive sulfide deposits. Geology, 2011, 39, 1155-1158.	4.4	319
31	Modern Sea-Floor Massive Sulfides and Base Metal Resources&lt;sub&gt;title&gt;Toward an Estimate of Global Sea-Floor Massive Sulfide Potential&lt;/sub&gt;. , 2010, , .		20
32	EVALUATING ISOTOPIC EQUILIBRIUM AMONG SULFIDE MINERAL PAIRS IN ARCHEAN ORE DEPOSITS: CASE STUDY FROM THE KIDD CREEK VMS DEPOSIT, ONTARIO, CANADA. Economic Geology, 2006, 101, 1055-1061.	3.8	52
33	Expedition 376 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	9
34	Expedition 376 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	15
35	Site U1528. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	7
36	Site U1530. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	5

#	ARTICLE	IF	CITATIONS
37	Site U1529. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3
38	Site U1527. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	5
39	Site U1531. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	1