

# Susan E Humphris

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,490  
citations

567281

15  
h-index

794594

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the sequence of serpentinization reactions: petrography, mineral chemistry, and petrophysics of serpentinites from MAR 15°N (ODP Leg 209, Site 1274). <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	311
2	The internal structure of an active sea-floor massive sulphide deposit. <i>Nature</i> , 1995, 377, 713-716.	27.8	284
3	Subseafloor Processes in Mid-Ocean Ridge Hydrothermal Systems. <i>Geophysical Monograph Series</i> , 0, , 85-114.	0.1	143
4	Fluid mixing and the deep biosphere of a fossil Lost City-type hydrothermal system at the Iberia Margin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12036-12041.	7.1	89
5	Controls of fluid chemistry and complexation on rare-earth element contents of anhydrite from the Pacmanus subseafloor hydrothermal system, Manus Basin, Papua New Guinea. <i>Mineralium Deposita</i> , 2003, 38, 916-935.	4.1	77
6	Structural control on sea-floor hydrothermal activity at the TAG active mound. <i>Nature</i> , 1996, 382, 149-153.	27.8	71
7	Experimental constraints on fluid-rock reactions during incipient serpentinization of harzburgite. <i>American Mineralogist</i> , 2015, 100, 991-1002.	1.9	66
8	Geotectonic setting of hydrothermal activity on the summit of Lucky Strike Seamount (37°17'N, 170°00'W). <i>Geophysical Research Letters</i> , 2007, 34, L10307.	2.9	57
9	Globally aligned photomosaic of the Lucky Strike hydrothermal vent field (Mid-Atlantic Ridge). <i>Geophysics, Geosystems</i> , 2008, 9, .	2.5	56
10	Progress in Deciphering the Controls on the Geochemistry of Fluids in Seafloor Hydrothermal Systems. <i>Annual Review of Marine Science</i> , 2018, 10, 315-343.	11.6	51
11	Title is missing!. <i>Marine Geophysical Researches</i> , 2000, 21, 121-142.	1.2	47
12	Critical role of caldera collapse in the formation of seafloor mineralization: The case of Brothers volcano. <i>Geology</i> , 2019, 47, 762-766.	4.4	42
13	Detailed morphology of the TAG Active Hydrothermal Mound: Insights into its formation and growth. <i>Geophysical Research Letters</i> , 1996, 23, 3443-3446.	4.0	40
14	Complex subsurface hydrothermal fluid mixing at a submarine arc volcano supports distinct and highly diverse microbial communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32627-32638.	7.1	36
15	Heat Flow and Near-Sea-floor Magnetic Anomalies Highlight Hydrothermal Circulation at Brothers Volcano Caldera, Southern Kermadec Arc, New Zealand. <i>Geophysical Research Letters</i> , 2019, 46, 8252-8260.	4.0	22
16	Title is missing!. <i>Marine Geophysical Researches</i> , 1998, 20, 41-56.	1.2	21
17	Expedition 376 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	15
18	Cemented mounds and hydrothermal sediments on the detachment surface at Kane Megamullion: A new manifestation of hydrothermal venting. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3352-3378.	2.5	11

#	ARTICLE	IF	CITATIONS
19	Hydrothermal Alteration Within the Brothers Submarine Arc Volcano, Kermadec Arc, New Zealand. <i>Economic Geology</i> , 2023, 118, 1657-1679.	3.8	10
20	Expedition 376 summary. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	9
21	Fluid flow and fluid-rock interaction within ocean crust: Reconciling geochemical, geological, and geophysical observations. <i>Geophysical Monograph Series</i> , 2004, , 99-117.	0.1	8
22	Site U1528. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	7
23	Site U1530. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	5
24	Site U1527. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	5
25	Site U1529. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	3
26	Planning for Future Ocean Drilling With the JOIDES Resolution. <i>Eos</i> , 2013, 94, 229-230.	0.1	1
27	Site U1531. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	1
28	The Need for Scientific Ocean Drilling. <i>Eos</i> , 2011, 92, 84-84.	0.1	0
29	Corrigendum to: "Mid-ocean Ridge Serpentinite in the Puerto Rico Trench: from Seafloor Spreading to Subduction". <i>Journal of Petrology</i> , 2019, 60, 2547-2547.	2.8	0