

# Margaret K Tivey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8721553/publications.pdf>

Version: 2024-02-01

26  
papers

2,176  
citations

394390

19  
h-index

610883

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace element proxies of seafloor hydrothermal fluids based on secondary ion mass spectrometry (SIMS) of black smoker chimney linings. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 269, 346-375.	3.9	13
2	Influences of the Tonga Subduction Zone on seafloor massive sulfide deposits along the Eastern Lau Spreading Center and Valu Fa Ridge. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 215, 214-246.	3.9	10
3	The Guaymas Basin Hiking Guide to Hydrothermal Mounds, Chimneys, and Microbial Mats: Complex Seafloor Expressions of Subsurface Hydrothermal Circulation. <i>Frontiers in Microbiology</i> , 2016, 7, 75.	3.5	82
4	Precipitation and growth of barite within hydrothermal vent deposits from the Endeavour Segment, Juan de Fuca Ridge. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 173, 64-85.	3.9	55
5	Black and White Smokers. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 58-62.	0.1	2
6	The Trans-Atlantic Geotraverse hydrothermal field: A hydrothermal system on an active detachment fault. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 121, 8-16.	1.4	32
7	Identification of sulfur sources and isotopic equilibria in submarine hot-springs using multiple sulfur isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 160, 169-187.	3.9	86
8	Volcanogenic Massive Sulfides. , 2014, , 1-9.		3
9	Sulfide geochronology along the Endeavour Segment of the Juan de Fuca Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2084-2099.	2.5	53
10	Anisotropy in seafloor flange, slab, and crust samples from measurements of permeability and porosity: Implications for fluid flow and deposit evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	3
11	Links from Mantle to Microbe at the Lau Integrated Study Site: Insights from a Back-Arc Spreading Center. <i>Oceanography</i> , 2012, 25, 62-77.	1.0	24
12	Chemistry of hot springs along the Eastern Lau Spreading Center. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1013-1038.	3.9	121
13	American (U.S.) activities in marine mineral deposits. , 2011, , .		1
14	Rare earth element abundances in hydrothermal fluids from the Manus Basin, Papua New Guinea: Indicators of sub-seafloor hydrothermal processes in back-arc basins. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5494-5513.	3.9	137
15	Temporal and spatial archaeal colonization of hydrothermal vent deposits. <i>Environmental Microbiology</i> , 2008, 10, 874-884.	3.8	78
16	Variable morphologic expression of volcanic, tectonic, and hydrothermal processes at six hydrothermal vent fields in the Lau back-arc basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	52
17	Permeability-porosity relationships in seafloor vent deposits: Dependence on pore evolution processes. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	26
18	Generation of Seafloor Hydrothermal Vent Fluids and Associated Mineral Deposits. <i>Oceanography</i> , 2007, 20, 50-65.	1.0	327

#	ARTICLE	IF	CITATIONS
19	Bacterial and archaeal phylotypes associated with distinct mineralogical layers of a white smoker spire from a deep-sea hydrothermal vent site (9oN, East Pacific Rise). <i>Environmental Microbiology</i> , 2006, 8, 909-920.	3.8	121
20	A ubiquitous thermoacidophilic archaeon from deep-sea hydrothermal vents. <i>Nature</i> , 2006, 442, 444-447.	27.8	228
21	The in situ pH of hydrothermal fluids at mid-ocean ridges. <i>Earth and Planetary Science Letters</i> , 2005, 237, 167-174.	4.4	65
22	"Edifice Rex" sulfide recovery project: Analysis of submarine hydrothermal, microbial habitat. <i>Eos</i> , 2001, 82, 67-67.	0.1	17
23	Active and relict sea-floor hydrothermal mineralization at the TAG hydrothermal field, Mid-Atlantic Ridge. <i>Economic Geology</i> , 1993, 88, 1989-2017.	3.8	176
24	Geology of a vigorous hydrothermal system on the Endeavour Segment, Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , 1992, 97, 19663-19682.	3.3	213
25	Mineral precipitation in the walls of black smoker chimneys: A quantitative model of transport and chemical reaction. <i>Journal of Geophysical Research</i> , 1990, 95, 12617-12637.	3.3	93
26	Growth of large sulfide structures on the endeavour segment of the Juan de Fuca ridge. <i>Earth and Planetary Science Letters</i> , 1986, 77, 303-317.	4.4	156