

# Timothy M Shank

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5058679/publications.pdf>

Version: 2024-02-01

21  
papers

1,307  
citations

516561

16  
h-index

752573

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical speciation drives hydrothermal vent ecology. <i>Nature</i> , 2001, 410, 813-816.	13.7	337
2	Active submarine eruption of boninite in the northeastern Lau Basin. <i>Nature Geoscience</i> , 2011, 4, 799-806.	5.4	163
3	The Earth BioGenome Project 2020: Starting the clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	124
4	Exploration of the Canyon-Incised Continental Margin of the Northeastern United States Reveals Dynamic Habitats and Diverse Communities. <i>PLoS ONE</i> , 2015, 10, e0139904.	1.1	79
5	Temperature variations at diffuse and focused flow hydrothermal vent sites along the northern East Pacific Rise. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	64
6	Incongruent patterns of genetic connectivity among four ophiuroid species with differing coral host specificity on North Atlantic seamounts. <i>Marine Ecology</i> , 2010, 31, 121-143.	0.4	60
7	Submarine Lava Flow Emplacement at the East Pacific Rise 9°50'N: Implications for Uppermost Ocean Crust Stratigraphy and Hydrothermal Fluid Circulation. <i>Geophysical Monograph Series</i> , 0, , 187-217.	0.1	57
8	Anthropogenic impacts on the Corner Rise seamounts, north-west Atlantic Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1075-1076.	0.4	52
9	Testing the depth-differentiation hypothesis in a deepwater octocoral. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150008.	1.2	49
10	Differences in recovery between deep-sea hydrothermal vent and vent-proximate communities after a volcanic eruption. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 106, 167-182.	0.6	46
11	Toward a mechanistic understanding of larval dispersal: insights from genomic fingerprinting of the deep-sea hydrothermal vent tubeworm <i>Riftia pachyptila</i> . <i>Marine Ecology</i> , 2007, 28, 25-35.	0.4	42
12	Submeter bathymetric mapping of volcanic and hydrothermal features on the East Pacific Rise crest at 9°50'N. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	1.0	40
13	Evidence of lasting impact of the Deepwater Horizon oil spill on a deep Gulf of Mexico coral community. <i>Elementa</i> , 2013, 1, .	1.1	39
14	Predicting RAD-seq Marker Numbers across the Eukaryotic Tree of Life. <i>Genome Biology and Evolution</i> , 2015, 7, 3207-3225.	1.1	36
15	Bacterial diversity and successional patterns during biofilm formation on freshly exposed basalt surfaces at diffuse-flow deep-sea vents. <i>Frontiers in Microbiology</i> , 2015, 6, 901.	1.5	31
16	Deep-Sea Debris in the Central and Western Pacific Ocean. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	25
17	Oceanographic Drivers of Deep-Sea Coral Species Distribution and Community Assembly on Seamounts, Islands, Atolls, and Reefs Within the Phoenix Islands Protected Area. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	22
18	Deep-sea microbes as tools to refine the rules of innate immune pattern recognition. <i>Science Immunology</i> , 2021, 6, .	5.6	21

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19	Variation in the diets of hydrothermal vent gastropods. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 121, 193-201.	0.6	11
20	Methane, manganese, and helium in hydrothermal plumes following volcanic eruptions on the East Pacific Rise near 9°50'N. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	8
21	Multiple spatially distinct introductions and not range expansion may explain colonization history in a non-native marine shrimp. <i>Marine Biology</i> , 2019, 166, 1.	0.7	1