

# Samuel M Howell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11689266/publications.pdf>

Version: 2024-02-01

7  
papers

296  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	NASA's Europa Clipper—a mission to a potentially habitable ocean world. <i>Nature Communications</i> , 2020, 11, 1311.	12.8	110
2	Band Formation and Ocean-Surface Interaction on Europa and Ganymede. <i>Geophysical Research Letters</i> , 2018, 45, 4701-4709.	4.0	54
3	The Likely Thickness of Europa's Icy Shell. <i>Planetary Science Journal</i> , 2021, 2, 129.	3.6	45
4	Can Earth-like plate tectonics occur in ocean world ice shells?. <i>Icarus</i> , 2019, 322, 69-79.	2.5	33
5	Magmatic and tectonic extension at the Chile Ridge: Evidence for mantle controls on ridge segmentation. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2354-2373.	2.5	28
6	Seafloor expression of oceanic detachment faulting reflects gradients in mid-ocean ridge magma supply. <i>Earth and Planetary Science Letters</i> , 2019, 516, 176-189.	4.4	25
7	Resurfacing: An Approach to Planetary Protection for Geologically Active Ocean Worlds. <i>Planetary Science Journal</i> , 2022, 3, 108.	3.6	1