

# Kaiwen Ta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5838268/publications.pdf>

Version: 2024-02-01

12  
papers

138  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Plastic Debris Dumps: New Biodiversity Hot Spots Emerging on the Deep-Sea Floor. <i>Environmental Science and Technology Letters</i> , 2021, 8, 148-154.	8.7	30
2	Geology, environment, and life in the deepest part of the world's oceans. <i>Innovation(China)</i> , 2021, 2, 100109.	9.1	21
3	Deep seafloor plastics as the source and sink of organic pollutants in the northern South China Sea. <i>Science of the Total Environment</i> , 2021, 765, 144228.	8.0	19
4	Laser tweezers Raman spectroscopy combined with deep learning to classify marine bacteria. <i>Talanta</i> , 2022, 244, 123383.	5.5	18
5	Hydrothermal nontronite formation associated with microbes from low-temperature diffuse hydrothermal vents at the South Mid-Atlantic Ridge. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2375-2392.	3.0	14
6	Distributions and Sources of Glycerol Dialkyl Glycerol Tetraethers in Sediment Cores From the Mariana Subduction Zone. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 857-869.	3.0	11
7	Characteristics and implications of isoprenoid and hydroxy tetraether lipids in hadal sediments of Mariana and Yap Trenches. <i>Chemical Geology</i> , 2020, 551, 119742.	3.3	8
8	Structure and Composition of Micro-Manganese Nodules in Deep-Sea Carbonate from the Zhaoshu Plateau, North of the South China Sea. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1016.	2.0	5
9	Phosphorus Species in Deep-Sea Carbonate Deposits: Implications for Phosphorus Cycling in Cold Seep Environments. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 645.	2.0	4
10	Interaction between Microbes, Minerals, and Fluids in Deep-Sea Hydrothermal Systems. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1324.	2.0	4
11	The Sources of Organic Carbon in the Deepest Ocean: Implication From Bacterial Membrane Lipids in the Mariana Trench Zone. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	3
12	Triple Oxygen Isotopic Compositions of Ocean Water from the Mariana Trench. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3087-3096.	2.7	1