

# Olivier Sulpis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5488884/publications.pdf>

Version: 2024-02-01

9  
papers

234  
citations

1307594

7  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current CaCO <sub>3</sub> dissolution at the seafloor caused by anthropogenic CO <sub>2</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11700-11705.	7.1	83
2	Calcium carbonate dissolution patterns in the ocean. Nature Geoscience, 2021, 14, 423-428.	12.9	46
3	Current estimates of $K_1$ and $K_2$ appear inconsistent with measured CO <sub>2</sub> system parameters in cold oceanic regions. Ocean Science, 2020, 16, 847-862.	3.4	28
4	Calcite dissolution kinetics at the sediment-water interface in natural seawater. Marine Chemistry, 2017, 195, 70-83.	2.3	27
5	Aragonite dissolution protects calcite at the seafloor. Nature Communications, 2022, 13, 1104.	12.8	23
6	Control of CaCO <sub>3</sub> dissolution at the deep seafloor and its consequences. Geochimica Et Cosmochimica Acta, 2020, 268, 90-106.	3.9	14
7	Controlling the diffusive boundary layer thickness above the sediment-water interface in a thermostated rotating-disk reactor. Limnology and Oceanography: Methods, 2019, 17, 241-253.	2.0	7
8	RADlv1: a non-steady-state early diagenetic model for ocean sediments in Julia and MATLAB/GNU Octave. Geoscientific Model Development, 2022, 15, 2105-2131.	3.6	3
9	Reduced CaCO <sub>3</sub> Flux to the Seafloor and Weaker Bottom Current Speeds Curtail Benthic CaCO <sub>3</sub> Dissolution Over the 21st Century. Global Biogeochemical Cycles, 2019, 33, 1654-1673.	4.9	1