

# Daniel Mariedahl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5956275/publications.pdf>

Version: 2024-02-01

11  
papers

771  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maxima in the thermodynamic response and correlation functions of deeply supercooled water. Science, 2017, 358, 1589-1593.	12.6	270
2	Diffusive dynamics during the high-to-low density transition in amorphous ice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8193-8198.	7.1	155
3	Experimental observation of the liquid-liquid transition in bulk supercooled water under pressure. Science, 2020, 370, 978-982.	12.6	143
4	X-ray Scattering and O-H Pair-Distribution Functions of Amorphous Ices. Journal of Physical Chemistry B, 2018, 122, 7616-7624.	2.6	58
5	Apparent power-law behavior of water's isothermal compressibility and correlation length upon supercooling. Physical Chemistry Chemical Physics, 2019, 21, 26-31.	2.8	28
6	Intermediate range O-H correlations in supercooled water down to 235 K. Journal of Chemical Physics, 2019, 150, 224506.	3.0	28
7	Temperature-Independent Nuclear Quantum Effects on the Structure of Water. Physical Review Letters, 2017, 119, 075502.	7.8	26
8	Response to Comment on "Maxima in the thermodynamic response and correlation functions of deeply supercooled water" Science, 2018, 360, .	12.6	25
9	X-ray studies of the transformation from high- to low-density amorphous water. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180164.	3.4	17
10	Anisotropic X-Ray Scattering of Transiently Oriented Water. Physical Review Letters, 2020, 125, 076002.	7.8	13
11	Following the Crystallization of Amorphous Ice after Ultrafast Laser Heating. Journal of Physical Chemistry B, 2022, 126, 2299-2307.	2.6	8