Daniel Mariedahl

List of Publications by Year
in descending order

11	771	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Following the Crystallization of Amorphous Ice after Ultrafast Laser Heating. Journal of Physical Chemistry B, 2022, 126, 2299-2307.	2.6	8
2	Experimental observation of the liquid-liquid transition in bulk supercooled water under pressure. Science, 2020, 370, 978-982.	12.6	143
3	Anisotropic X-Ray Scattering of Transiently Oriented Water. Physical Review Letters, 2020, 125, 076002.	7.8	13
4	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
5	Intermediate range Oâ€“O correlations in supercooled water down to 235 K. Journal of Chemical Physics, 2019, 150, 224506.	3.0	28
6	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
7	Response to Comment on â€œMaxima in the thermodynamic response and correlation functions of deeply supercooled waterâ€. Science, 2018, 360, .	12.6	25
8	X-ray Scattering and Oâ€“O Pair-Distribution Functions of Amorphous Ices. Journal of Physical Chemistry B, 2018, 122, 7616-7624.	2.6	58
9	Temperature-Independent Nuclear Quantum Effects on the Structure of Water. Physical Review Letters, 2017, 119, 075502.	7.8	26
10	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
11	Maxima in the thermodynamic response and correlation functions of deeply supercooled water. Science, 2017, 358, 1589-1593.	12.6	270