

Anatoli Bogdan

List of Publications by Year in descending order

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docs citations

14
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248
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of mixed-phase particles during the freezing of polar stratospheric ice clouds. <i>Nature Chemistry</i> , 2010, 2, 197-201.	13.6	39
2	Thermodynamics of the curvature effect on ice surface tension and nucleation theory. <i>Journal of Chemical Physics</i> , 1997, 106, 1921-1929.	3.0	33
3	Visualization of Freezing Process in situ upon Cooling and Warming of Aqueous Solutions. <i>Scientific Reports</i> , 2015, 4, 7414.	3.3	32
4	Reversible Formation of Glassy Water in Slowly Cooling Diluted Drops. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12205-12206.	2.6	22
5	Multiple Glass Transitions and Freezing Events of Aqueous Citric Acid. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4515-4523.	2.5	22
6	Physical Chemistry of the Freezing Process of Atmospheric Aqueous Drops. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3109-3116.	2.5	20
7	Impact of Substrate, Aging, and Size on the Two Freezing Events of $(\text{NH}_4)_2\text{SO}_4/\text{H}_2\text{O}$ Droplets. <i>Journal of Physical Chemistry C</i> , 2011, 115, 10682-10693.	3.1	12
8	Freezing and glass transitions upon cooling and warming and ice/freeze-concentration-solution morphology of emulsified aqueous citric acid. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 109, 49-60.	4.3	12
9	Solution coating around ice particles of incipient cirrus clouds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2439-E2439.	7.1	10
10	Ice Clouds: Atmospheric Ice Nucleation Concept versus the Physical Chemistry of Freezing Atmospheric Drops. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7777-7781.	2.5	7
11	Single freezing and triple melting of micrometre-scaled $(\text{NH}_4)_2\text{SO}_4/\text{H}_2\text{O}$ droplets. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 19704.	2.8	6
12	Ferroelectric Transition Vanishes in $(\text{NH}_4)_2\text{SO}_4$ Precipitated in Small-Sized Aqueous Droplets. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9372-9377.	3.1	5
13	Visualization data on the freezing process of micrometer-scaled aqueous citric acid drops. <i>Data in Brief</i> , 2017, 10, 144-146.	1.0	1