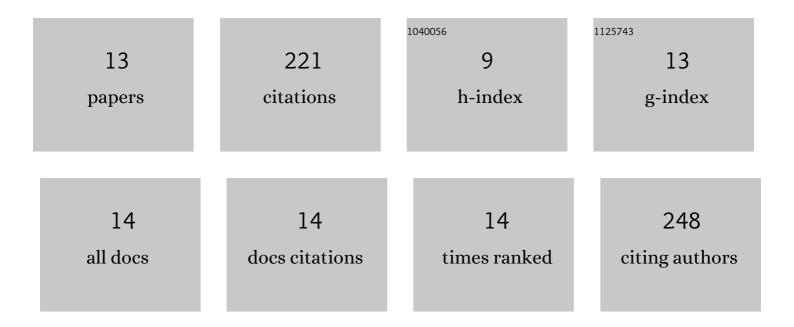
Anatoli Bogdan

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Formation of mixed-phase particles during the freezing of polar stratospheric ice clouds. Nature Chemistry, 2010, 2, 197-201. | 13.6 | 39 |
| 2 | Thermodynamics of the curvature effect on ice surface tension and nucleation theory. Journal of Chemical Physics, 1997, 106, 1921-1929. | 3.0 | 33 |
| 3 | Visualization of Freezing Process in situ upon Cooling and Warming of Aqueous Solutions. Scientific Reports, 2015, 4, 7414. | 3.3 | 32 |
| 4 | Reversible Formation of Glassy Water in Slowly Cooling Diluted Drops. Journal of Physical Chemistry B, 2006, 110, 12205-12206. | 2.6 | 22 |
| 5 | Multiple Glass Transitions and Freezing Events of Aqueous Citric Acid. Journal of Physical Chemistry A, 2015, 119, 4515-4523. | 2.5 | 22 |
| 6 | Physical Chemistry of the Freezing Process of Atmospheric Aqueous Drops. Journal of Physical Chemistry A, 2017, 121, 3109-3116. | 2.5 | 20 |
| 7 | Impact of Substrate, Aging, and Size on the Two Freezing Events of (NH ₄) ₂ SO ₄ /H ₂ O Droplets. Journal of Physical Chemistry C, 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. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 109, 49-60. | 4.3 | 12 |
| 9 | Solution coating around ice particles of incipient cirrus clouds. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2439-E2439. | 7.1 | 10 |
| 10 | Ice Clouds: Atmospheric Ice Nucleation Concept versus the Physical Chemistry of Freezing Atmospheric Drops. Journal of Physical Chemistry A, 2018, 122, 7777-7781. | 2.5 | 7 |
| 11 | Single freezing and triple melting of micrometre-scaled (NH4)2SO4/H2O droplets. Physical Chemistry Chemical Physics, 2011, 13, 19704. | 2.8 | 6 |
| 12 | Ferroelectric Transition Vanishes in (NH ₄) ₂ SO ₄ Precipitated in Small-Sized Aqueous Droplets. Journal of Physical Chemistry C, 2012, 116, 9372-9377. | 3.1 | 5 |
| 13 | Visualization data on the freezing process of micrometer-scaled aqueous citric acid drops. Data in Brief, 2017, 10, 144-146. | 1.0 | 1 |