

# Yixing Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1673625/publications.pdf>

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12  
papers

578  
citations

759233

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1125743

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docs citations

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times ranked

717  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrolytes induce long-range orientational order and free energy changes in the H-bond network of bulk water. <i>Science Advances</i> , 2016, 2, e1501891.	10.3	151
2	Specific Ion Effects in Amphiphile Hydration and Interface Stabilization. <i>Journal of the American Chemical Society</i> , 2014, 136, 2040-2047.	13.7	85
3	Charge Asymmetry at Aqueous Hydrophobic Interfaces and Hydration Shells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9560-9563.	13.8	79
4	The Molecular Mechanism of Nanodroplet Stability. <i>ACS Nano</i> , 2017, 11, 12111-12120.	14.6	46
5	Three Dimensional Nano "Langmuir Trough" for Lipid Studies. <i>Nano Letters</i> , 2015, 15, 5558-5563.	9.1	38
6	Stern Layer Formation Induced by Hydrophobic Interactions: A Molecular Level Study. <i>Journal of the American Chemical Society</i> , 2013, 135, 19330-19335.	13.7	36
7	From Hydrophobic to Hydrophilic: The Structure and Density of the Hexadecane Droplet/Alkanol/Water Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17725-17734.	3.1	35
8	Orientational ordering of water in extended hydration shells of cations is ion-specific and is correlated directly with viscosity and hydration free energy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 24678-24688.	2.8	32
9	Zwitterionic and Charged Lipids Form Remarkably Different Structures on Nanoscale Oil Droplets in Aqueous Solution. <i>Langmuir</i> , 2018, 34, 1042-1050.	3.5	17
10	Interfacial Structure and Hydration of 3D Lipid Monolayers in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2808-2813.	2.6	16
11	Temperature dependence of water-water and ion-water correlations in bulk water and electrolyte solutions probed by femtosecond elastic second harmonic scattering. <i>Journal of Chemical Physics</i> , 2018, 148, 222835.	3.0	16
12	Sum frequency and second harmonic generation from the surface of a liquid microjet. <i>Journal of Chemical Physics</i> , 2014, 141, 18C524.	3.0	7