

Yanjie Zhang

List of Publications by Year in descending order

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16
papers

5,123
citations

623734

14
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

5718
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between macromolecules and ions: the Hofmeister series. <i>Current Opinion in Chemical Biology</i> , 2006, 10, 658-663.	6.1	1,679
2	Specific Ion Effects on the Water Solubility of Macromolecules: PNIPAM and the Hofmeister Series. <i>Journal of the American Chemical Society</i> , 2005, 127, 14505-14510.	13.7	1,188
3	Chemistry of Hofmeister Anions and Osmolytes. <i>Annual Review of Physical Chemistry</i> , 2010, 61, 63-83.	10.8	537
4	The inverse and direct Hofmeister series for lysozyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15249-15253.	7.1	361
5	Effects of Hofmeister Anions on the LCST of PNIPAM as a Function of Molecular Weight. <i>Journal of Physical Chemistry C</i> , 2007, 111, 8916-8924.	3.1	335
6	Effects of end group polarity and molecular weight on the lower critical solution temperature of poly(N-isopropylacrylamide). <i>Journal of Polymer Science Part A</i> , 2006, 44, 1492-1501.	2.3	281
7	Effects of Hofmeister Anions on the Phase Transition Temperature of Elastin-like Polypeptides. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13765-13771.	2.6	277
8	Effects of Hofmeister Anions on the Aggregation Behavior of PEO-PPO-PEO Triblock Copolymers. <i>Langmuir</i> , 2011, 27, 9203-9210.	3.5	126
9	Specific Anion Effects on Water Structure Adjacent to Protein Monolayers. <i>Langmuir</i> , 2010, 26, 16447-16454.	3.5	114
10	High-Throughput Studies of the Effects of Polymer Structure and Solution Components on the Phase Separation of Thermoresponsive Polymers. <i>Macromolecules</i> , 2004, 37, 1031-1036.	4.8	82
11	Hydration of Cations: A Key to Understanding of Specific Cation Effects on Aggregation Behaviors of PEO-PPO-PEO Triblock Copolymers. <i>Journal of Physical Chemistry B</i> , 2013, 117, 10132-10141.	2.6	49
12	Aqueous Two-Phase System Formation Kinetics for Elastin-Like Polypeptides of Varying Chain Length. <i>Biomacromolecules</i> , 2006, 7, 2192-2199.	5.4	42
13	Probing the Mechanism of Aqueous Two-Phase System Formation for α -Elastin On-Chip. <i>Journal of the American Chemical Society</i> , 2003, 125, 15630-15635.	13.7	22
14	Anion-Caffeine Interactions Studied by ^{13}C and ^1H NMR and ATR-FTIR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1649-1659.	2.6	17
15	Hofmeister Anion Effects on Thermodynamics of Caffeine Partitioning between Aqueous and Cyclohexane Phases. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12596-12603.	2.6	8
16	Project-Based Experiment in a Physical Chemistry Teaching Laboratory: Ion Effects on Caffeine Partitioning Thermodynamics. <i>Journal of Chemical Education</i> , 2020, 97, 4173-4178.	2.3	5