Laurel Pegram

List of Publications by Year
in descending order

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11 papers	1,484 citations	933447 10 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	1509 citing authors

#	Article	IF	Citations
1	Hofmeister Salt Effects on Surface Tension Arise from Partitioning of Anions and Cations between Bulk Water and the Airâ˜Water Interface. Journal of Physical Chemistry B, 2007, 111, 5411-5417.	2.6	398
2	Thermodynamic Origin of Hofmeister Ion Effects. Journal of Physical Chemistry B, 2008, 112, 9428-9436.	2.6	254
3	Quantifying why urea is a protein denaturant, whereas glycine betaine is a protein stabilizer. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16932-16937.	7.1	213
4	Partitioning of atmospherically relevant ions between bulk water and the water/vapor interface. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14278-14281.	7.1	161
5	Why Hofmeister effects of many salts favor protein folding but not DNA helix formation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7716-7721.	7.1	156
6	Introductory Lecture: Interpreting and predicting Hofmeister salt ion and solute effects on biopolymer and model processes using the solute partitioning model. Faraday Discussions, 2013, 160, 9-44.	3.2	111
7	Quantifying accumulation or exclusion of H+, HOâ˜, and Hofmeister salt ions near interfaces. Chemical Physics Letters, 2008, 467, 1-8.	2.6	85
8	Preferential Interactions between Small Solutes and the Protein Backbone: A Computational Analysis. Biochemistry, 2010, 49, 1954-1962.	2.5	56
9	Using Surface Tension Data to Predict Differences in Surface and Bulk Concentrations of Nonelectrolytes in Water. Journal of Physical Chemistry C, 2009, 113, 2171-2174.	3.1	29
10	Efficient generation of low-energy folded states of a model protein. II. Automated histogram filtering. Journal of Chemical Physics, 2003, 119, 13149-13158.	3.0	15
11	Dynamic equilibria in protein kinases. Current Opinion in Structural Biology, 2021, 71, 215-222.	5.7	6