Yi-Hsuan Lin

List of Publications by Year in Descending Order

17 papers	1,010 citations	12 h-index	19 g-index
19 ext. papers	1,386 ext. citations	5.1 avg, IF	5.12 L-index

#	Paper	IF	Citations
17	Assembly of model postsynaptic densities involves interactions auxiliary to stoichiometric binding. *Biophysical Journal*, **2021**,	2.9	3
16	A Simple Explicit-Solvent Model of Polyampholyte Phase Behaviors and Its Ramifications for Dielectric Effects in Biomolecular Condensates. *Journal of Physical Chemistry B*, **2021**, 125, 4337-4358	3.4	12
15	Does size affect the prognosis of resectable thymoma beyond the eighth edition TNM?. *Thoracic Cancer*, **2021**,	3.2	2
14	Comparative roles of charge, , and hydrophobic interactions in sequence-dependent phase separation of intrinsically disordered proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 28795-28805	11.5	56
13	Analytical Theory for Sequence-Specific Binary Fuzzy Complexes of Charged Intrinsically Disordered Proteins. *Journal of Physical Chemistry B*, **2020**, 124, 6709-6720	3.4	21
12	A unified analytical theory of heteropolymers for sequence-specific phase behaviors of polyelectrolytes and polyampholytes. *Journal of Chemical Physics*, **2020**, 152, 045102	3.9	27
11	Pressure Sensitivity of SynGAP/PSD-95 Condensates as a Model for Postsynaptic Densities and Its Biophysical and Neurological Ramifications. *Chemistry - A European Journal*, **2020**, 26, 11024-11031	4.8	10
10	Theories for Sequence-Dependent Phase Behaviors of Biomolecular Condensates. *Biochemistry*, **2018**, 57, 2499-2508	3.2	115
9	A Lattice Model of Charge-Pattern-Dependent Polyampholyte Phase Separation. *Journal of Physical Chemistry B*, **2018**, 122, 5418-5431	3.4	62
8	Coarse-grained residue-based models of disordered protein condensates: utility and limitations of simple charge pattern parameters. *Physical Chemistry Chemical Physics*, **2018**, 20, 28558-28574	3.6	63
7	Phase Separation and Single-Chain Compactness of Charged Disordered Proteins Are Strongly Correlated. *Biophysical Journal*, **2017**, 112, 2043-2046	2.9	117
6	Structural and hydrodynamic properties of an intrinsically disordered region of a germ cell-specific protein on phase separation. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E8194-E8203	11.5	227
5	Random-phase-approximation theory for sequence-dependent, biologically functional liquid-liquid phase separation of intrinsically disordered proteins. *Journal of Molecular Liquids*, **2017**, 228, 176-193	6	73
4	Charge pattern matching as a 'fuzzy' mode of molecular recognition for the functional phase separations of intrinsically disordered proteins. *New Journal of Physics*, **2017**, 19, 115003	2.9	61
3	Sequence-Specific Polyampholyte Phase Separation in Membraneless Organelles. *Physical Review Letters*, **2016**, 117, 178101	7.4	149
2	RNA structure generates natural cooperativity between single-stranded RNA binding proteins targeting 5' and 3'UTRs. *Nucleic Acids Research*, **2015**, 43, 1160-9	20.1	7
1	Interplay between single-stranded binding proteins on RNA secondary structure. *Physical Review E*, **2013**, 88, 052707	2.4	4