

Yi-Hsuan Lin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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

