## Hongxing Lei

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	GSA: Genome Sequence Archive *. Genomics, Proteomics and Bioinformatics, 2017, 15, 14-18.	6.9	563
2	Folding free-energy landscape of villin headpiece subdomain from molecular dynamics simulations. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4925-4930.	7.1	217
3	Concerted Perturbation Observed in a Hub Network in Alzheimer's Disease. PLoS ONE, 2012, 7, e40498.	2.5	91
4	Two-stage Folding of HP-35 from Ab Initio Simulations. Journal of Molecular Biology, 2007, 370, 196-206.	4.2	83
5	Early stage intercalation of doxorubicin to DNA fragments observed in molecular dynamics binding simulations. Journal of Molecular Graphics and Modelling, 2012, 38, 279-289.	2.4	52
6	Down-Regulation of Energy Metabolism in Alzheimer's Disease is a Protective Response of Neurons to the Microenvironment. Journal of Alzheimer's Disease, 2012, 28, 389-402.	2.6	44
7	Distinctive RNA Expression Profiles in Blood Associated With Alzheimer Disease After Accounting for White Matter Hyperintensities. Alzheimer Disease and Associated Disorders, 2014, 28, 226-233.	1.3	43
8	Ab Initio Folding of Albumin Binding Domain from All-Atom Molecular Dynamics Simulation. Journal of Physical Chemistry B, 2007, 111, 5458-5463.	2.6	39
9	AlzBase: an Integrative Database for Gene Dysregulation in Alzheimer's Disease. Molecular Neurobiology, 2016, 53, 310-319.	4.0	37
10	Characteristic Transformation of Blood Transcriptome in Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 373-386.	2.6	36
11	Folding processes of the B domain of protein A to the native state observed in all-atom <i>ab initio</i> folding simulations. Journal of Chemical Physics, 2008, 128, 235105.	3.0	35
12	Hidden Risk Genes with High-Order Intragenic Epistasis in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 41, 1039-1056.	2.6	34
13	Molecular Dynamics Simulations and Free Energy Analyses on the Dimer Formation of an Amyloidogenic Heptapeptide from Human β2-Microglobulin: Implication for the Protofibril Structure. Journal of Molecular Biology, 2006, 356, 1049-1063.	4.2	28
14	The fast-folding HP35 double mutant has a substantially reduced primary folding free energy barrier. Journal of Chemical Physics, 2008, 129, 155104.	3.0	24
15	Genomics in Neurological Disorders. Genomics, Proteomics and Bioinformatics, 2014, 12, 156-163.	6.9	23
16	Dual folding pathways of an $\hat{1}\pm/\hat{1}^2$ protein from all-atom ab initio folding simulations. Journal of Chemical Physics, 2009, 131, 165105.	3.0	22
17	Towards Personalized Intervention for Alzheimer's Disease. Genomics, Proteomics and Bioinformatics, 2016, 14, 289-297.	6.9	19
18	Amyloid and Alzheimer's disease. Protein and Cell, 2010, 1, 312-314.	11.0	16

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19	Folding Network of Villin Headpiece Subdomain. Biophysical Journal, 2010, 99, 3374-3384.	O.5	15
20	Robust Gene Dysregulation in Alzheimer's Disease Brains. Journal of Alzheimer's Disease, 2014, 41, 587-597.	2.6	15
21	Gene dysregulation in peripheral blood of moyamoya disease and comparison with other vascular disorders. PLoS ONE, 2019, 14, e0221811.	2.5	15
22	Perturbation of the transcriptome: implications of the innate immune system in Alzheimer's disease. Current Opinion in Pharmacology, 2016, 26, 47-53.	3.5	14
23	The frontline of immune response in peripheral blood. PLoS ONE, 2017, 12, e0182294.	2.5	14
24	Single-cell RNA-Seq revealed profound immune alteration in the peripheral blood of patients with bacterial infection. International Journal of Infectious Diseases, 2021, 103, 527-535.	3.3	14
25	The protein folding network indicates that the ultrafast folding mutant of villin headpiece subdomain has a deeper folding funnel. Journal of Chemical Physics, 2011, 134, 205104.	3.0	13
26	Evaluation of Peripheral Immune Dysregulation in Alzheimer's Disease and Vascular Dementia. Journal of Alzheimer's Disease, 2019, 71, 1175-1186.	2.6	12
27	Common Aging Signature in the Peripheral Blood of Vascular Dementia and Alzheimer's Disease. Molecular Neurobiology, 2016, 53, 3596-3605.	4.0	9
28	A single transcript for the prognosis of disease severity in COVID-19 patients. Scientific Reports, 2021, 11, 12174.	3.3	9
29	iBIG: An Integrative Network Tool for Supporting Human Disease Mechanism Studies. Genomics, Proteomics and Bioinformatics, 2013, 11, 166-171.	6.9	7
30	Alzheimer's Disease. International Review of Neurobiology, 2015, 121, 1-24.	2.0	7
31	Chromosome 19p in Alzheimer's Disease: When Genome Meets Transcriptome. Journal of Alzheimer's Disease, 2013, 38, 245-250.	2.6	5
32	Conformational Elasticity can Facilitate TALE–DNA Recognition. Advances in Protein Chemistry and Structural Biology, 2014, 94, 347-364.	2.3	5
33	Web Resources for Stem Cell Research. Genomics, Proteomics and Bioinformatics, 2015, 13, 40-45.	6.9	4
34	Big Data and the Brain: Peeking at the Future. Genomics, Proteomics and Bioinformatics, 2019, 17, 333-336.	6.9	4
35	A host-based two-gene model for the identification of bacterial infection in general clinical settings. International Journal of Infectious Diseases, 2021, 105, 662-667.	3.3	4
36	Functional Networking of Human Divergently Paired Genes (DPGs). PLoS ONE, 2013, 8, e78896.	2.5	3

#	Article	IF	CITATIONS
37	Kinetics and Thermodynamics of Protein Folding. , 0, , .		Ο
38	Gene Regulatory Networks in the Genomics Era. Genomics, Proteomics and Bioinformatics, 2013, 11, 133-134.	6.9	0