Hongxing Lei

List of Publications by Year
in descending order

38 papers	1,575 citations	471509 17 h-index	345221 36 g-index
38 all docs	38 docs citations	38 times ranked	3577 citing authors

#	Article	IF	Citations
1	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
2	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
3	A single transcript for the prognosis of disease severity in COVID-19 patients. Scientific Reports, 2021, 11, 12174.	3.3	9
4	Evaluation of Peripheral Immune Dysregulation in Alzheimerâ€™s Disease and Vascular Dementia. Journal of Alzheimer's Disease, 2019, 71, 1175-1186.	2.6	12
5	Gene dysregulation in peripheral blood of moyamoya disease and comparison with other vascular disorders. PLoS ONE, 2019, 14, e0221811.	2.5	15
6	Big Data and the Brain: Peeking at the Future. Genomics, Proteomics and Bioinformatics, 2019, 17, 333-336.	6.9	4
7	GSA: Genome Sequence Archive *. Genomics, Proteomics and Bioinformatics, 2017, 15, 14-18.	6.9	563
8	The frontline of immune response in peripheral blood. PLoS ONE, 2017, 12, e0182294.	2.5	14
9	Towards Personalized Intervention for Alzheimerâ€™s Disease. Genomics, Proteomics and Bioinformatics, 2016, 14, 289-297.	6.9	19
10	AlzBase: an Integrative Database for Gene Dysregulation in Alzheimerâ€™s Disease. Molecular Neurobiology, 2016, 53, 310-319.	4.0	37
11	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
12	Common Aging Signature in the Peripheral Blood of Vascular Dementia and Alzheimerâ€™s Disease. Molecular Neurobiology, 2016, 53, 3596-3605.	4.0	9
13	Alzheimer's Disease. International Review of Neurobiology, 2015, 121, 1-24.	2.0	7
14	Web Resources for Stem Cell Research. Genomics, Proteomics and Bioinformatics, 2015, 13, 40-45.	6.9	4
15	Genomics in Neurological Disorders. Genomics, Proteomics and Bioinformatics, 2014, 12, 156-163.	6.9	23
16	Robust Gene Dysregulation in Alzheimer's Disease Brains. Journal of Alzheimer's Disease, 2014, 41, 587-597.	2.6	15
17	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
18	Conformational Elasticity can Facilitate TALEâ€“DNA Recognition. Advances in Protein Chemistry and Structural Biology, 2014, 94, 347-364.	2.3	5

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19	Hidden Risk Genes with High-Order Intragenic Epistasis in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 41, 1039-1056.	2.6	34
20	Gene Regulatory Networks in the Genomics Era. Genomics, Proteomics and Bioinformatics, 2013, 11, 133-134.	6.9	0
21	iBIG: An Integrative Network Tool for Supporting Human Disease Mechanism Studies. Genomics, Proteomics and Bioinformatics, 2013, 11, 166-171.	6.9	7
22	Characteristic Transformation of Blood Transcriptome in Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 373-386.	2.6	36
23	Chromosome 19p in Alzheimer's Disease: When Genome Meets Transcriptome. Journal of Alzheimer's Disease, 2013, 38, 245-250.	2.6	5
24	Functional Networking of Human Divergently Paired Genes (DPGs). PLoS ONE, 2013, 8, e78896.	2.5	3
25	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
26	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
27	Concerted Perturbation Observed in a Hub Network in Alzheimerâ€™s Disease. PLoS ONE, 2012, 7, e40498.	2.5	91
28	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
29	Amyloid and Alzheimerâ€™s disease. Protein and Cell, 2010, 1, 312-314.	11.0	16
30	Folding Network of Villin Headpiece Subdomain. Biophysical Journal, 2010, 99, 3374-3384.	0.5	15
31	Dual folding pathways of an Î±/Î² protein from all-atom ab initio folding simulations. Journal of Chemical Physics, 2009, 131, 165105.	3.0	22
32	Folding processes of the B domain of protein A to the native state observed in all-atom ab initio folding simulations. Journal of Chemical Physics, 2008, 128, 235105.	3.0	35
33	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
34	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
35	Two-stage Folding of HP-35 from Ab Initio Simulations. Journal of Molecular Biology, 2007, 370, 196-206.	4.2	83
36	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

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37	Molecular Dynamics Simulations and Free Energy Analyses on the Dimer Formation of an Amyloidogenic Heptapeptide from Human Î²2-Microglobulin: Implication for the Protofibril Structure. Journal of Molecular Biology, 2006, 356, 1049-1063.	4.2	28
38	Kinetics and Thermodynamics of Protein Folding. , 0, , .		0