

Hongxing Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7418189/publications.pdf>

Version: 2024-02-01

38
papers

1,575
citations

471061

17
h-index

344852

36
g-index

38
all docs

38
docs citations

38
times ranked

3577
citing authors

#	ARTICLE	IF	CITATIONS
1	GSA: Genome Sequence Archive *. Genomics, Proteomics and Bioinformatics, 2017, 15, 14-18.	3.0	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.	3.3	217
3	Concerted Perturbation Observed in a Hub Network in Alzheimer's Disease. PLoS ONE, 2012, 7, e40498.	1.1	91
4	Two-stage Folding of HP-35 from Ab Initio Simulations. Journal of Molecular Biology, 2007, 370, 196-206.	2.0	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.	1.3	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.	1.2	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.	0.6	43
8	Ab Initio Folding of Albumin Binding Domain from All-Atom Molecular Dynamics Simulation. Journal of Physical Chemistry B, 2007, 111, 5458-5463.	1.2	39
9	AlzBase: an Integrative Database for Gene Dysregulation in Alzheimer's Disease. Molecular Neurobiology, 2016, 53, 310-319.	1.9	37
10	Characteristic Transformation of Blood Transcriptome in Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 373-386.	1.2	36
11	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.	1.2	35
12	Hidden Risk Genes with High-Order Intragenic Epistasis in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 41, 1039-1056.	1.2	34
13	Molecular Dynamics Simulations and Free Energy Analyses on the Dimer Formation of an Amyloidogenic Heptapeptide from Human β 2-Microglobulin: Implication for the Protofibril Structure. Journal of Molecular Biology, 2006, 356, 1049-1063.	2.0	28
14	The fast-folding HP35 double mutant has a substantially reduced primary folding free energy barrier. Journal of Chemical Physics, 2008, 129, 155104.	1.2	24
15	Genomics in Neurological Disorders. Genomics, Proteomics and Bioinformatics, 2014, 12, 156-163.	3.0	23
16	Dual folding pathways of an β protein from all-atom ab initio folding simulations. Journal of Chemical Physics, 2009, 131, 165105.	1.2	22
17	Towards Personalized Intervention for Alzheimer's Disease. Genomics, Proteomics and Bioinformatics, 2016, 14, 289-297.	3.0	19
18	Amyloid and Alzheimer's disease. Protein and Cell, 2010, 1, 312-314.	4.8	16

#	ARTICLE	IF	CITATIONS
19	Folding Network of Villin Headpiece Subdomain. <i>Biophysical Journal</i> , 2010, 99, 3374-3384.	0.2	15
20	Robust Gene Dysregulation in Alzheimer's Disease Brains. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 587-597.	1.2	15
21	Gene dysregulation in peripheral blood of moyamoya disease and comparison with other vascular disorders. <i>PLoS ONE</i> , 2019, 14, e0221811.	1.1	15
22	Perturbation of the transcriptome: implications of the innate immune system in Alzheimer's disease. <i>Current Opinion in Pharmacology</i> , 2016, 26, 47-53.	1.7	14
23	The frontline of immune response in peripheral blood. <i>PLoS ONE</i> , 2017, 12, e0182294.	1.1	14
24	Single-cell RNA-Seq revealed profound immune alteration in the peripheral blood of patients with bacterial infection. <i>International Journal of Infectious Diseases</i> , 2021, 103, 527-535.	1.5	14
25	The protein folding network indicates that the ultrafast folding mutant of villin headpiece subdomain has a deeper folding funnel. <i>Journal of Chemical Physics</i> , 2011, 134, 205104.	1.2	13
26	Evaluation of Peripheral Immune Dysregulation in Alzheimer's Disease and Vascular Dementia. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 1175-1186.	1.2	12
27	Common Aging Signature in the Peripheral Blood of Vascular Dementia and Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016, 53, 3596-3605.	1.9	9
28	A single transcript for the prognosis of disease severity in COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 12174.	1.6	9
29	iBIG: An Integrative Network Tool for Supporting Human Disease Mechanism Studies. <i>Genomics, Proteomics and Bioinformatics</i> , 2013, 11, 166-171.	3.0	7
30	Alzheimer's Disease. <i>International Review of Neurobiology</i> , 2015, 121, 1-24.	0.9	7
31	Chromosome 19p in Alzheimer's Disease: When Genome Meets Transcriptome. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 245-250.	1.2	5
32	Conformational Elasticity can Facilitate TALE-DNA Recognition. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 94, 347-364.	1.0	5
33	Web Resources for Stem Cell Research. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 40-45.	3.0	4
34	Big Data and the Brain: Peeking at the Future. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 333-336.	3.0	4
35	A host-based two-gene model for the identification of bacterial infection in general clinical settings. <i>International Journal of Infectious Diseases</i> , 2021, 105, 662-667.	1.5	4
36	Functional Networking of Human Divergently Paired Genes (DPGs). <i>PLoS ONE</i> , 2013, 8, e78896.	1.1	3

#	ARTICLE	IF	CITATIONS
37	Kinetics and Thermodynamics of Protein Folding. , 0, , .		0
38	Gene Regulatory Networks in the Genomics Era. Genomics, Proteomics and Bioinformatics, 2013, 11, 133-134.	3.0	0