

Fangyuan Chen

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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.

38 papers	3,790 citations	15 h-index	41 g-index
41 ext. papers	4,410 ext. citations	6.7 avg, IF	5.47 L-index

#	Paper	IF	Citations
38	Direct evaluation of thermal fluctuations in proteins using a single-parameter harmonic potential. <i>Folding & Design</i> , 1997 , 2, 173-81		1073
37	ProDy: protein dynamics inferred from theory and experiments. <i>Bioinformatics</i> , 2011 , 27, 1575-7	7.2	626
36	Gaussian Dynamics of Folded Proteins. <i>Physical Review Letters</i> , 1997 , 79, 3090-3093	7.4	582
35	Global dynamics of proteins: bridging between structure and function. <i>Annual Review of Biophysics</i> , 2010 , 39, 23-42	21.1	454
34	Vibrational Dynamics of Folded Proteins: Significance of Slow and Fast Motions in Relation to Function and Stability. <i>Physical Review Letters</i> , 1998 , 80, 2733-2736	7.4	326
33	The intrinsic dynamics of enzymes plays a dominant role in determining the structural changes induced upon inhibitor binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14349-54	11.5	219
32	Evol and ProDy for bridging protein sequence evolution and structural dynamics. <i>Bioinformatics</i> , 2014 , 30, 2681-3	7.2	130
31	Adaptability of protein structures to enable functional interactions and evolutionary implications. <i>Current Opinion in Structural Biology</i> , 2015 , 35, 17-23	8.1	79
30	Monoamine transporters: structure, intrinsic dynamics and allosteric regulation. <i>Nature Structural and Molecular Biology</i> , 2019 , 26, 545-556	17.6	40
29	Molecular analysis of curcumin-induced polarization of murine RAW264.7 macrophages. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 63, 544-52	3.1	34
28	A Perspective on Implementing a Quantitative Systems Pharmacology Platform for Drug Discovery and the Advancement of Personalized Medicine. <i>Journal of Biomolecular Screening</i> , 2016 , 21, 521-34		29
27	Shared Signature Dynamics Tempered by Local Fluctuations Enables Fold Adaptability and Specificity. <i>Molecular Biology and Evolution</i> , 2019 , 36, 2053-2068	8.3	26
26	Interaction of kindlin-3 and β -integrins differentially regulates neutrophil recruitment and NET release in mice. <i>Blood</i> , 2015 , 126, 373-7	2.2	25
25	SOX12: a novel potential target for acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2017 , 176, 421-430	4.5	22
24	SLC29A1 single nucleotide polymorphisms as independent prognostic predictors for survival of patients with acute myeloid leukemia: an in vitro study. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014 , 33, 90	12.8	20
23	Chromosomal dynamics predicted by an elastic network model explains genome-wide accessibility and long-range couplings. <i>Nucleic Acids Research</i> , 2017 , 45, 3663-3673	20.1	13
22	Single-Cell Transcriptomic Heterogeneity in Invasive Ductal and Lobular Breast Cancer Cells. <i>Cancer Research</i> , 2021 , 81, 268-281	10.1	12

21	QuartataWeb: Integrated Chemical-Protein-Pathway Mapping for Polypharmacology and Chemogenomics. <i>Bioinformatics</i> , 2020 , 36, 3935-3937	7.2	10
20	RUNX1-Evi-1 fusion gene inhibited differentiation and apoptosis in myelopoiesis: an in vivo study. <i>BMC Cancer</i> , 2015 , 15, 970	4.8	8
19	Kindlin-3 negatively regulates the release of neutrophil extracellular traps. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 597-602	6.5	7
18	Granulocyte colony-stimulating factor inhibits CXCR4/SDF-1 β signaling and overcomes stromal-mediated drug resistance in the HL-60 cell line. <i>Experimental and Therapeutic Medicine</i> , 2016 , 12, 396-404	2.1	7
17	Targeting on glycosylation of mutant FLT3 in acute myeloid leukemia. <i>Hematology</i> , 2019 , 24, 651-660	2.2	5
16	State-dependent sequential allostery exhibited by chaperonin TRiC/CCT revealed by network analysis of Cryo-EM maps. <i>Progress in Biophysics and Molecular Biology</i> , 2021 , 160, 104-120	4.7	5
15	A systems-level study reveals host-targeted repurposable drugs against SARS-CoV-2 infection. <i>Molecular Systems Biology</i> , 2021 , 17, e10239	12.2	5
14	Differences in the intrinsic spatial dynamics of the chromatin contribute to cell differentiation. <i>Nucleic Acids Research</i> , 2020 , 48, 1131-1145	20.1	4
13	Arsenic trioxide induces the apoptosis and decreases NF- κ B expression in lymphoma cell lines. <i>Oncology Letters</i> , 2018 , 16, 6267-6274	2.6	4
12	A case of ureteral myeloid sarcoma post-renal transplantation. <i>BMC Nephrology</i> , 2018 , 19, 46	2.7	3
11	EVI-1 modulates arsenic trioxide induced apoptosis through JNK signalling pathway in leukemia cells. <i>Experimental Cell Research</i> , 2019 , 374, 140-151	4.2	3
10	Upregulated microRNA-146a expression induced by granulocyte colony-stimulating factor enhanced low-dosage chemotherapy response in aged acute myeloid leukemia patients. <i>Experimental Hematology</i> , 2018 , 68, 66-79.e3	3.1	3
9	Arsenic trioxide potentiates Gilteritinib-induced apoptosis in FLT3-ITD positive leukemic cells via IRE1 α -JNK-mediated endoplasmic reticulum stress. <i>Cancer Cell International</i> , 2020 , 20, 250	6.4	2
8	Outcomes After Sentinel Lymph Node Biopsy and Radiotherapy in Older Women With Early-Stage, Estrogen Receptor-Positive Breast Cancer. <i>JAMA Network Open</i> , 2021 , 4, e216322	10.4	2
7	Characteristics of bone marrow cells in 107 patients with juvenile idiopathic arthritis: A retrospective study. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 3161-3164	2.1	1
6	Modulation of FLT3 through decitabine-activated C/EBP α -PU.1 signal pathway in FLT3-ITD positive cells. <i>Cellular Signalling</i> , 2019 , 64, 109409	4.9	0
5	RNA-Seq analyses demonstrate EVI-1-induced morbid hematopoiesis and developmental abnormality in zebrafish were related with MAPK pathway. <i>Hematological Oncology</i> , 2019 , 37, 326-329	1.3	0
4	Homoharringtonine Synergized with Gilteritinib Results in the Downregulation of Myeloid Cell Leukemia-1 by Upregulating UBE2L6 in FLT3-ITD-Mutant Acute Myeloid (Leukemia) Cell Lines. <i>Journal of Oncology</i> , 2021 , 2021, 3766428	4.5	0

- 3 PIGN spatiotemporally regulates the spindle assembly checkpoint proteins in leukemia transformation and progression. *Scientific Reports*, **2021**, 11, 19022 4.9 ○
- 2 Long Noncoding RNA Expression Profiling By Microarray in Diffuse Large B-Cell Lymphoma and Preliminary Bioinformatics Study. *Blood*, **2016**, 128, 5286-5286 2.2
- 1 The Incidence and Outcome of Acute Lymphoblastic Leukemia in Shanghai, China Over 5 Years (2002-2006). *Blood*, **2008**, 112, 3946-3946 2.2