

# Dan Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,430  
citations

516710

16  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Coupling of Histone Crotonylation and Active Transcription by AF9 YEATS Domain. <i>Molecular Cell</i> , 2016, 62, 181-193.	9.7	271
2	YEATS2 is a selective histone crotonylation reader. <i>Cell Research</i> , 2016, 26, 629-632.	12.0	162
3	MONN: A Multi-objective Neural Network for Predicting Compound-Protein Interactions and Affinities. <i>Cell Systems</i> , 2020, 10, 308-322.e11.	6.2	132
4	PTEN Suppresses Glycolysis by Dephosphorylating and Inhibiting Autophosphorylated PKG1. <i>Molecular Cell</i> , 2019, 76, 516-527.e7.	9.7	113
5	YEATS2 links histone acetylation to tumorigenesis of non-small cell lung cancer. <i>Nature Communications</i> , 2017, 8, 1088.	12.8	102
6	An integrative drug repositioning framework discovered a potential therapeutic agent targeting COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 165.	17.1	89
7	A deep-learning framework for multi-level peptide-protein interaction prediction. <i>Nature Communications</i> , 2021, 12, 5465.	12.8	87
8	Recognition of histone acetylation by the GAS41 YEATS domain promotes H2A.Z deposition in non-small cell lung cancer. <i>Genes and Development</i> , 2018, 32, 58-69.	5.9	86
9	YEATS Domain—A Histone Acylation Reader in Health and Disease. <i>Journal of Molecular Biology</i> , 2017, 429, 1994-2002.	4.2	82
10	Modeling gene regulatory networks using neural network architectures. <i>Nature Computational Science</i> , 2021, 1, 491-501.	8.0	59
11	ATRX tolerates activity-dependent histone H3 methyl/phos switching to maintain repetitive element silencing in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6820-6827.	7.1	49
12	Gas41 links histone acetylation to H2A.Z deposition and maintenance of embryonic stem cell identity. <i>Cell Discovery</i> , 2018, 4, 28.	6.7	47
13	A novel machine learning framework for automated biomedical relation extraction from large-scale literature repositories. <i>Nature Machine Intelligence</i> , 2020, 2, 347-355.	16.0	37
14	YEATS domain: Linking histone crotonylation to gene regulation. <i>Transcription</i> , 2017, 8, 9-14.	3.1	35
15	Design and immune characterization of a novel <i>Neisseria gonorrhoeae</i> DNA vaccine using bacterial ghosts as vector and adjuvant. <i>Vaccine</i> , 2018, 36, 4532-4539.	3.8	27
16	Multifaceted Histone H3 Methylation and Phosphorylation Readout by the Plant Homeodomain Finger of Human Nuclear Antigen Sp100C. <i>Journal of Biological Chemistry</i> , 2016, 291, 12786-12798.	3.4	21
17	Structural and biochemical characterization of DAXX-ATRX interaction. <i>Protein and Cell</i> , 2017, 8, 762-766.	11.0	8
18	Nerve root magnetic stimulation improves locomotor function following spinal cord injury with electrophysiological improvements and cortical synaptic reconstruction. <i>Neural Regeneration Research</i> , 2022, 17, 2036.	3.0	7

#	ARTICLE	IF	CITATIONS
19	The enhanced immune responses induced by <i>Salmonella enteritidis</i> ghosts loaded with <i>Neisseria gonorrhoeae</i> porB against <i>Salmonella</i> in mice. FEMS Microbiology Letters, 2016, 363, fnw239.	1.8	4
20	Full-length ribosome density prediction by a multi-input and multi-output model. PLoS Computational Biology, 2021, 17, e1008842.	3.2	4
21	Associations of dietary and drinking water habits with number of natural teeth: a longitudinal study in the Chinese elderly population. BMC Geriatrics, 2021, 21, 525.	2.7	3
22	Effects of 1,25(OH)2D3 on proliferation and apoptosis of human glomerular mesangial cells. American Journal of Translational Research (discontinued), 2016, 8, 2659-66.	0.0	3
23	MONN: A Multi-objective Neural Network for Predicting Pairwise Non-covalent Interactions and Binding Affinities Between Compounds and Proteins. Lecture Notes in Computer Science, 2020, , 259-260.	1.3	2