

## List of Publications by Citations

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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.

71 papers	3,287 citations	28 h-index	56 g-index
72 ext. papers	4,115 ext. citations	13.3 avg, IF	5.27 L-index

#	Paper	IF	Citations
71	Haematopoietic malignancies caused by dysregulation of a chromatin-binding PHD finger. <i>Nature</i> , <b>2009</b> , 459, 847-51	50.4	330
70	Structure of DNMT1-DNA complex reveals a role for autoinhibition in maintenance DNA methylation. <i>Science</i> , <b>2011</b> , 331, 1036-40	33.3	312
69	The BAH domain of ORC1 links H4K20me2 to DNA replication licensing and Meier-Gorlin syndrome. <i>Nature</i> , <b>2012</b> , 484, 115-9	50.4	241
68	Structure-based mechanistic insights into DNMT1-mediated maintenance DNA methylation. <i>Science</i> , <b>2012</b> , 335, 709-12	33.3	234
67	An H3K36 methylation-engaging Tudor motif of polycomb-like proteins mediates PRC2 complex targeting. <i>Molecular Cell</i> , <b>2013</b> , 49, 571-82	17.6	165
66	Bacterial effector activates jasmonate signaling by directly targeting JAZ transcriptional repressors. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003715	7.6	150
65	Pro isomerization in MLL1 PHD3-bromo cassette connects H3K4me readout to Cyp33 and HDAC-mediated repression. <i>Cell</i> , <b>2010</b> , 141, 1183-94	56.2	145
64	Structural basis for DNMT3A-mediated de novo DNA methylation. <i>Nature</i> , <b>2018</b> , 554, 387-391	50.4	121
63	Endosidin2 targets conserved exocyst complex subunit EXO70 to inhibit exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E41-50	11.5	88
62	Tet3 Reads 5-Carboxylcytosine through Its CXXC Domain and Is a Potential Guardian against Neurodegeneration. <i>Cell Reports</i> , <b>2016</b> , 14, 493-505	10.6	84
61	Intrinsically disordered gamma-subunit of cGMP phosphodiesterase encodes functionally relevant transient secondary and tertiary structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 1505-10	11.5	82
60	Crystal Structure of Human DNA Methyltransferase 1. <i>Journal of Molecular Biology</i> , <b>2015</b> , 427, 2520-2531	16.5	74
59	The structure of Zika virus NS5 reveals a conserved domain conformation. <i>Nature Communications</i> , <b>2017</b> , 8, 14763	17.4	59
58	Structural insights into RNA recognition by the alternate-splicing regulator CUG-binding protein 1. <i>Structure</i> , <b>2010</b> , 18, 1364-77	5.2	57
57	METTL13 Methylation of eEF1A Increases Translational Output to Promote Tumorigenesis. <i>Cell</i> , <b>2019</b> , 176, 491-504.e21	56.2	56
56	An Allosteric Interaction Links USP7 to Deubiquitination and Chromatin Targeting of UHRF1. <i>Cell Reports</i> , <b>2015</b> , 12, 1400-6	10.6	55
55	Structures of two Arabidopsis thaliana major latex proteins represent novel helix-grip folds. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2009</b> , 76, 237-43	4.2	52

54	Comparison of cell-based and cell-free protocols for producing target proteins from the <i>Arabidopsis thaliana</i> genome for structural studies. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2005</b> , 59, 633-43	4.2	52
53	Protein-RNA and protein-protein recognition by dual KH1/2 domains of the neuronal splicing factor Nova-1. <i>Structure</i> , <b>2011</b> , 19, 930-44	5.2	44
52	Comprehensive structure-function characterization of DNMT3B and DNMT3A reveals distinctive de novo DNA methylation mechanisms. <i>Nature Communications</i> , <b>2020</b> , 11, 3355	17.4	42
51	Effects of Tet-induced oxidation products of 5-methylcytosine on Dnmt1- and DNMT3a-mediated cytosine methylation. <i>Molecular BioSystems</i> , <b>2014</b> , 10, 1749-52		42
50	Structural Basis of DNMT1 and DNMT3A-Mediated DNA Methylation. <i>Genes</i> , <b>2018</b> , 9,	4.2	41
49	Structure and function of Zika virus NS5 protein: perspectives for drug design. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 1723-1736	10.3	36
48	Two serine residues in <i>Pseudomonas syringae</i> effector HopZ1a are required for acetyltransferase activity and association with the host co-factor. <i>New Phytologist</i> , <b>2015</b> , 208, 1157-68	9.8	34
47	Rieske protein from <i>Thermus thermophilus</i> : 15N NMR titration study demonstrates the role of iron-ligated histidines in the pH dependence of the reduction potential. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 10672-3	16.4	34
46	Structure and regulation of ZCCHC4 in mA-methylation of 28S rRNA. <i>Nature Communications</i> , <b>2019</b> , 10, 5042	17.4	32
45	Mechanism of host substrate acetylation by a YopJ family effector. <i>Nature Plants</i> , <b>2017</b> , 3, 17115	11.5	32
44	Arsenite binds to the RING finger domains of RNF20-RNF40 histone E3 ubiquitin ligase and inhibits DNA double-strand break repair. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12884-7	16.4	31
43	Are there specific readers of oxidized 5-methylcytosine bases?. <i>BioEssays</i> , <b>2016</b> , 38, 1038-47	4.1	28
42	Structure of a pathogen effector reveals the enzymatic mechanism of a novel acetyltransferase family. <i>Nature Structural and Molecular Biology</i> , <b>2016</b> , 23, 847-52	17.6	27
41	Small-scale, semi-automated purification of eukaryotic proteins for structure determination. <i>Journal of Structural and Functional Genomics</i> , <b>2007</b> , 8, 153-66		27
40	Direct readout of heterochromatic H3K9me3 regulates DNMT1-mediated maintenance DNA methylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 18439-18447	11.5	26
39	DNA sequence-dependent activity and base flipping mechanisms of DNMT1 regulate genome-wide DNA methylation. <i>Nature Communications</i> , <b>2020</b> , 11, 3723	17.4	25
38	BAHCC1 binds H3K27me3 via a conserved BAH module to mediate gene silencing and oncogenesis. <i>Nature Genetics</i> , <b>2020</b> , 52, 1384-1396	36.3	25
37	Solution structure of isoform 1 of Roadblock/LC7, a light chain in the dynein complex. <i>Journal of Molecular Biology</i> , <b>2005</b> , 354, 1043-51	6.5	24

36	Suppression of Type I Interferon Signaling by NS5. <i>Viruses</i> , <b>2018</b> , 10,	6.2	23
35	Structural basis for impairment of DNA methylation by the DNMT3A R882H mutation. <i>Nature Communications</i> , <b>2020</b> , 11, 2294	17.4	22
34	YY1 interacts with guanine quadruplexes to regulate DNA looping and gene expression. <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 161-168	11.7	22
33	An Intramolecular Interaction of UHRF1 Reveals Dual Control for Its Histone Association. <i>Structure</i> , <b>2018</b> , 26, 304-311.e3	5.2	21
32	Structural basis for the catalytic mechanism of mammalian 25-kDa thiamine triphosphatase. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 10939-48	5.4	18
31	Structural basis for STAT2 suppression by flavivirus NS5. <i>Nature Structural and Molecular Biology</i> , <b>2020</b> , 27, 875-885	17.6	18
30	Structural basis for RNA recognition by a type II poly(A)-binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 15317-22	11.5	17
29	Structure-Based Design of Novel EphA2 Agonistic Agents with Nanomolar Affinity in Vitro and in Cell. <i>ACS Chemical Biology</i> , <b>2018</b> , 13, 2633-2644	4.9	15
28	Cautionary tail: the presence of an N-terminal tag on dynein light-chain Roadblock/LC7 affects its interaction with a functional partner. <i>Protein and Peptide Letters</i> , <b>2007</b> , 14, 265-8	1.9	14
27	NMR chemical shift mapping of the binding site of a protein proteinase inhibitor: changes in the (1)H, (13)C and (15)N NMR chemical shifts of turkey ovomucoid third domain upon binding to bovine chymotrypsin A(alpha). <i>Journal of Molecular Recognition</i> , <b>2001</b> , 14, 166-71	2.6	14
26	Solution structure of human sorting nexin 22. <i>Protein Science</i> , <b>2007</b> , 16, 807-14	6.3	13
25	Three-dimensional structure determined for a subunit of human tRNA splicing endonuclease (Sen15) reveals a novel dimeric fold. <i>Journal of Molecular Biology</i> , <b>2007</b> , 366, 155-64	6.5	13
24	DNMT1 reads heterochromatic H4K20me3 to reinforce LINE-1 DNA methylation. <i>Nature Communications</i> , <b>2021</b> , 12, 2490	17.4	13
23	Hypothetical protein At2g24940.1 from Arabidopsis thaliana has a cytochrome b5 like fold. <i>Journal of Biomolecular NMR</i> , <b>2004</b> , 30, 215-8	3	12
22	BS69/ZMYND11 C-Terminal Domains Bind and Inhibit EBNA2. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005414	7.6	12
21	CARM1 suppresses serine synthesis by promoting PKM2 activity. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 15290-15303	5.4	11
20	Solution structure of At3g04780.1-des15, an Arabidopsis thaliana ortholog of the C-terminal domain of human thioredoxin-like protein. <i>Protein Science</i> , <b>2005</b> , 14, 1059-63	6.3	10
19	Dissect the DNMT3A- and DNMT3B-mediated DNA Co-methylation through a Covalent Complex Approach. <i>Journal of Molecular Biology</i> , <b>2020</b> , 432, 569-575	6.5	10

18	Two conserved oligomer interfaces of NSP7 and NSP8 underpin the dynamic assembly of SARS-CoV-2 RdRP. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 5956-5966	20.1	10
17	UVR8 interacts with de novo DNA methyltransferase and suppresses DNA methylation in Arabidopsis. <i>Nature Plants</i> , <b>2021</b> , 7, 184-197	11.5	10
16	Structures of proteins of biomedical interest from the Center for Eukaryotic Structural Genomics. <i>Journal of Structural and Functional Genomics</i> , <b>2007</b> , 8, 73-84		9
15	Solution structure of a calmodulin-like calcium-binding domain from Arabidopsis thaliana. <i>Journal of Biomolecular NMR</i> , <b>2004</b> , 30, 451-6	3	8
14	A DNA aptamer for binding and inhibition of DNA methyltransferase 1. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 11527-11537	20.1	8
13	Protein Interactions at Oxidized 5-Methylcytosine Bases. <i>Journal of Molecular Biology</i> , <b>2019</b> , 432, 1718-1738	17.8	8
12	Inhibiting Matrix Metalloproteinase-2 Activation by Perturbing Protein-Protein Interactions Using a Cyclic Peptide. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 6979-6990	8.3	7
11	A Meier-Gorlin syndrome mutation impairs the ORC1-nucleosome association. <i>ACS Chemical Biology</i> , <b>2015</b> , 10, 1176-80	4.9	7
10	X-ray structure of Arabidopsis At1g77680, 12-oxophytodienoate reductase isoform 1. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2005</b> , 61, 206-8	4.2	7
9	Complex DNA sequence readout mechanisms of the DNMT3B DNA methyltransferase. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 11495-11509	20.1	7
8	Probing the sweet determinants of brazzein: wild-type brazzein and a tasteless variant, brazzein-ins(R18a-I18b), exhibit different pH-dependent NMR chemical shifts. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 335, 256-63	3.4	5
7	Structural basis for the ORC1-Cyclin A association. <i>Protein Science</i> , <b>2019</b> , 28, 1727-1733	6.3	4
6	Cleavage of peptide bonds bearing ionizable amino acids at P(1) by serine proteases with hydrophobic S(1) pocket. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 400, 507-10	3.4	3
5	Chemical Proteomic Profiling of Lysophosphatidic Acid-Binding Proteins. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 15365-15369	7.8	3
4	Substrate deformation regulates DRM2-mediated DNA methylation in plants. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	2
3	Chemoproteomic Approach toward Probing the Interactomes of Perfluoroalkyl Substances. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9634-9639	7.8	2
2	SARS-CoV-2 nucleocapsid protein targets a conserved surface groove of the NTF2-like domain of G3BP1.. <i>Journal of Molecular Biology</i> , <b>2022</b> , 167516	6.5	2
1	In vitro interaction of tubulin with the photoreceptor cGMP phosphodiesterase gamma-subunit. <i>Neuroscience Letters</i> , <b>2010</b> , 482, 225-9	3.3	

