Tatiana G Kutateladze

List of Publications by Year
in descending order

177 papers	12,488 citations	30070 54 h-index	27406 106 g-index

192 all docs	192 docs citations	192 times ranked	13963 citing authors

#	Article	IF	Citations
1	Mechanisms of Resistance to Crizotinib in Patients with ALK Gene Rearranged Nonâ€“Small Cell Lung Cancer. Clinical Cancer Research, 2012, 18, 1472-1482.	7.0	1,018
2	ING2 PHD domain links histone H3 lysine 4 methylation to active gene repression. Nature, 2006, 442, 96-99.	27.8	851
3	Perceiving the epigenetic landscape through histone readers. Nature Structural and Molecular Biology, 2012, 19, 1218-1227.	8.2	688
4	Molecular mechanism of histone H3K4me3 recognition by plant homeodomain of ING2. Nature, 2006, 442, 100-103.	27.8	609
5	RAG2 PHD finger couples histone H3 lysine 4 trimethylation with V(D)J recombination. Nature, 2007, 450, 1106-1110.	27.8	429
6	Phox domain interaction with PtdIns(3)P targets the Vam7 t-SNARE to vacuole membranes. Nature Cell Biology, 2001, 3, 613-618.	10.3	388
7	Structural Insights into Histone Demethylation by JMJD2 Family Members. Cell, 2006, 125, 691-702.	28.9	341
8	Proteome-wide Analysis in Saccharomyces cerevisiae Identifies Several PHD Fingers as Novel Direct and Selective Binding Modules of Histone H3 Methylated at Either Lysine 4 or Lysine 36. Journal of Biological Chemistry, 2007, 282, 2450-2455.	3.4	218
9	Translation of the phosphoinositide code by PI effectors. Nature Chemical Biology, 2010, 6, 507-513.	8.0	217
10	Structural Mechanism of Endosome Docking by the FYVE Domain. Science, 2001, 291, 1793-1796.	12.6	203
11	The Taf14 YEATS domain is a reader of histone crotonylation. Nature Chemical Biology, 2016, 12, 396-398.	8.0	195
12	ING4 Mediates Crosstalk between Histone H3 K4 Trimethylation and H3 Acetylation to Attenuate Cellular Transformation. Molecular Cell, 2009, 33, 248-256.	9.7	191
13	The DIX domain targets dishevelled to actin stress fibres and vesicular membranes. Nature, 2002, 419, 726-729.	27.8	180
14	Handpicking epigenetic marks with PHD fingers. Nucleic Acids Research, 2011, 39, 9061-9071.	14.5	175
15	Molecular basis for H3K36me3 recognition by the Tudor domain of PHF1. Nature Structural and Molecular Biology, 2012, 19, 1266-1272.	8.2	174
16	Phosphatidylinositol 3-Phosphate Recognition by the FYVE Domain. Molecular Cell, 1999, 3, 805-811.	9.7	172
17	HBO1 HAT Complexes Target Chromatin throughout Gene Coding Regions via Multiple PHD Finger Interactions with Histone H3 Tail. Molecular Cell, 2009, 33, 257-265.	9.7	163
18	The NuRD architecture. Cellular and Molecular Life Sciences, 2013, 70, 3513-3524.	5.4	153

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19	A Chromatin-Dependent Role of the Fragile X Mental Retardation Protein FMRP in the DNA Damage Response. Cell, 2014, 157, 869-881.	28.9	151
20	Exchange of associated factors directs a switch in HBO1 acetyltransferase histone tail specificity. Genes and Development, 2013, 27, 2009-2024.	5.9	148
21	Plant Homeodomain (PHD) Fingers of CHD4 Are Histone H3-binding Modules with Preference for Unmodified H3K4 and Methylated H3K9. Journal of Biological Chemistry, 2011, 286, 11779-11791.	3.4	147
22	The Histone-H3K4-Specific Demethylase KDM5B Binds to Its Substrate and Product through Distinct PHD Fingers. Cell Reports, 2014, 6, 325-335.	6.4	145
23	Characterization of histone acylations links chromatin modifications with metabolism. Nature Communications, 2017, 8, 1141.	12.8	145
24	Insights into newly discovered marks and readers of epigenetic information. Nature Chemical Biology, 2016, 12, 662-668.	8.0	132
25	ASH1L Links Histone H3 Lysine 36 Dimethylation to MLL Leukemia. Cancer Discovery, 2016, 6, 770-783.	9.4	122
26	Phosphatidylethanolamine Has an Essential Role inSaccharomyces cerevisiae That Is Independent of Its Ability to Form Hexagonal Phase Structures. Journal of Biological Chemistry, 2001, 276, 48539-48548.	3.4	115
27	Histone H3K4me3 Binding Is Required for the DNA Repair and Apoptotic Activities of ING1 Tumor Suppressor. Journal of Molecular Biology, 2008, 380, 303-312.	4.2	115
28	Combinatorial profiling of chromatin binding modules reveals multisite discrimination. Nature Chemical Biology, 2010, 6, 283-290.	8.0	115
29	Binding of the CHD4 PHD2 finger to histone H3 is modulated by covalent modifications. Biochemical Journal, 2009, 423, 179-187.	3.7	106
30	Phosphatidylinositol 3-phosphate recognition and membrane docking by the FYVE domain. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 868-877.	2.4	102
31	YEATS2 links histone acetylation to tumorigenesis of non-small cell lung cancer. Nature Communications, 2017, 8, 1088.	12.8	102
32	PHD Fingers: Epigenetic Effectors and Potential Drug Targets. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2009, 9, 314-323.	3.4	101
33	Molecular Basis of Phosphatidylinositol 4-Phosphate and ARF1 GTPase Recognition by the FAPP1 Pleckstrin Homology (PH) Domain. Journal of Biological Chemistry, 2011, 286, 18650-18657.	3.4	100
34	Targeting of the FYVE domain to endosomal membranes is regulated by a histidine switch. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13052-13057.	7.1	98
35	Dual-activity PI3Kâ€“BRD4 inhibitor for the orthogonal inhibition of MYC to block tumor growth and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1072-E1080.	7.1	97
36	Bivalent recognition of nucleosomes by the tandem PHD fingers of the CHD4 ATPase is required for CHD4-mediated repression. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 787-792.	7.1	96

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37	Multivalent Mechanism of Membrane Insertion by the FYVE Domain. Journal of Biological Chemistry, 2004, 279, 3050-3057.	3.4	89
38	Binding of the MLL PHD3 Finger to Histone H3K4me3 Is Required for MLL-Dependent Gene Transcription. Journal of Molecular Biology, 2010, 400, 137-144.	4.2	88
39	Diet and the epigenome. Nature Communications, 2018, 9, 3375.	12.8	88
40	Limits to Catalysis by Ribonuclease A. Bioorganic Chemistry, 1995, 23, 471-481.	4.1	87
41	The MBT Repeats of L3MBTL1 Link SET8-mediated p53 Methylation at Lysine 382 to Target Gene Repression. Journal of Biological Chemistry, 2010, 285, 37725-37732.	3.4	86
42	The SET1 Complex Selects Actively Transcribed Target Genes via Multivalent Interaction with CpG Island Chromatin. Cell Reports, 2017, 20, 2313-2327.	6.4	86
43	Conserved Molecular Interactions within the HBO1 Acetyltransferase Complexes Regulate Cell Proliferation. Molecular and Cellular Biology, 2012, 32, 689-703.	2.3	82
44	The crystal structure of the ING5 PHD finger in complex with an H3K4me3 histone peptide. Proteins: Structure, Function and Bioinformatics, 2008, 72, 1371-1376.	2.6	78
45	Binding of PHF1 Tudor to H3K36me3 enhances nucleosome accessibility. Nature Communications, 2013, 4, 2969.	12.8	77
46	ZZ-dependent regulation of p62/SQSTM1 in autophagy. Nature Communications, 2018, 9, 4373.	12.8	76
47	Tandem PHD Fingers of MORF/MOZ Acetyltransferases Display Selectivity for Acetylated Histone H3 and Are Required for the Association with Chromatin. Journal of Molecular Biology, 2012, 424, 328-338.	4.2	75
48	Molecular basis for chromatin binding and regulation of MLL5. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11296-11301.	7.1	72
49	Structural Insight Into Histone Recognition by the ING PHD Fingers. Current Drug Targets, 2009, 10, 432-441.	2.1	72
50	Molecular Mechanism of Membrane Docking by the Vam7p PX Domain. Journal of Biological Chemistry, 2006, 281, 37091-37101.	3.4	71
51	Histone H3R2 Symmetric Dimethylation and Histone H3K4 Trimethylation Are Tightly Correlated in Eukaryotic Genomes. Cell Reports, 2012, 1, 83-90.	6.4	69
52	Accessibility of the histone H3 tail in the nucleosome for binding of paired readers. Nature Communications, 2017, 8, 1489.	12.8	67
53	Association of Taf14 with acetylated histone H3 directs gene transcription and the DNA damage response. Genes and Development, 2015, 29, 1795-1800.	5.9	65
54	Crosstalk between epigenetic readers regulates the MOZ/MORF HAT complexes. Epigenetics, 2014, 9, 186-193.	2.7	64

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55	Diverse functions of PHD fingers of the MLL/KMT2 subfamily. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 366-371.	4.1	59
56	Membrane insertion of the FYVE domain is modulated by pH. Proteins: Structure, Function and Bioinformatics, 2009, 76, 852-860.	2.6	58
57	Biophysical and Computational Studies of Membrane Penetration by the GRP1 Pleckstrin Homology Domain. Structure, 2011, 19, 1338-1346.	3.3	56
58	MBD2 and Multiple Domains of CHD4 Are Required for Transcriptional Repression by Mi-2/NuRD Complexes. Molecular and Cellular Biology, 2012, 32, 5078-5088.	2.3	56
59	Histone H3K23-specific acetylation by MORF is coupled to H3K14 acylation. Nature Communications, 2019, 10, 4724.	12.8	56
60	The ZZ domain of p300 mediates specificity of the adjacent HAT domain for histone H3. Nature Structural and Molecular Biology, 2018, 25, 841-849.	8.2	55
61	Molecular mechanism of membrane targeting by the GRP1 PH domain*. Journal of Lipid Research, 2008, 49, 1807-1815.	4.2	54
62	Dido3 PHD Modulates Cell Differentiation and Division. Cell Reports, 2013, 4, 148-158.	6.4	54
63	Binding of the histone chaperone ASF1 to the CBP bromodomain promotes histone acetylation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1072-81.	7.1	52
64	Mechanistic similarities in docking of the FYVE and PX domains to phosphatidylinositol 3-phosphate containing membranes. Progress in Lipid Research, 2007, 46, 315-327.	11.6	51
65	Towards understanding methyllysine readout. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 686-693.	1.9	51
66	The ZZ-type zinc finger of ZZZ3 modulates the ATAC complex-mediated histone acetylation and gene activation. Nature Communications, 2018, 9, 3759.	12.8	51
67	Structural Insight into p53 Recognition by the 53BP1 Tandem Tudor Domain. Journal of Molecular Biology, 2010, 398, 489-496.	4.2	50
68	Enzymatic Reactions inside Biological Condensates. Journal of Molecular Biology, 2021, 433, 166624.	4.2	50
69	Bivalent interaction of the PZP domain of BRPF1 with the nucleosome impacts chromatin dynamics and acetylation. Nucleic Acids Research, 2016, 44, 472-484.	14.5	49
70	Mechanism-based inactivation of ribonuclease A. Journal of Organic Chemistry, 1995, 60, 6930-6936.	3.2	48
71	Inhibition of histone binding by supramolecular hosts. Biochemical Journal, 2014, 459, 505-512.	3.7	48
72	Multivalent Recognition of Histone Tails by the PHD Fingers of CHD5. Biochemistry, 2012, 51, 6534-6544.	2.5	46

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73	G9a-mediated methylation of ERÎ± links the PHF20/MOF histone acetyltransferase complex to hormonal gene expression. Nature Communications, 2016, 7, 10810.	12.8	45
74	Structural insights into the Ï€-Ï€-Ï€ stacking mechanism and DNA-binding activity of the YEATS domain. Nature Communications, 2018, 9, 4574.	12.8	45
75	E2F1 acetylation directs p300/CBP-mediated histone acetylation at DNA double-strand breaks to facilitate repair. Nature Communications, 2019, 10, 4951.	12.8	45
76	PHF20 Readers Link Methylation of Histone H3K4 and p53 with H4K16 Acetylation. Cell Reports, 2016, 17, 1158-1170.	6.4	44
77	Recognition of Histone H3K14 Acylation by MORF. Structure, 2017, 25, 650-654.e2.	3.3	41
78	Chemical Synthesis and Molecular Recognition of Phosphatase-Resistant Analogues of Phosphatidylinositol-3-phosphate. Journal of the American Chemical Society, 2006, 128, 885-897.	13.7	40
79	Molecular Mechanism of MLL PHD3 and RNA Recognition by the Cyp33 RRM Domain. Journal of Molecular Biology, 2010, 400, 145-154.	4.2	40
80	Multivalent Chromatin Engagement and Inter-domain Crosstalk Regulate MORC3 ATPase. Cell Reports, 2016, 16, 3195-3207.	6.4	40
81	Selective binding of the PHD6 finger of MLL4 to histone H4K16ac links MLL4 and MOF. Nature Communications, 2019, 10, 2314.	12.8	40
82	pH-dependent Binding of the Epsin ENTH Domain and the AP180 ANTH Domain to PI(4,5)P2-containing Bilayers. Journal of Molecular Biology, 2007, 373, 412-423.	4.2	39
83	Stabilized Phosphatidylinositol-5-Phosphate Analogues as Ligands for the Nuclear Protein ING2:â€‰ Chemistry, Biology, and Molecular Modeling. Journal of the American Chemical Society, 2007, 129, 6498-6506.	13.7	39
84	Solution Structure of the C-terminal Antiparallel Coiled-coil Domain from Escherichia coli Osmosensor ProP. Journal of Molecular Biology, 2003, 334, 1063-1076.	4.2	37
85	Covalent Modifications of Histone H3K9 Promote Binding of CHD3. Cell Reports, 2017, 21, 455-466.	6.4	36
86	Emerging methodologies to investigate lipidâ€“protein interactions. Integrative Biology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.3	35
87	Molecular structure analyses suggest strategies to therapeutically target SARS-CoV-2. Nature Communications, 2020, 11, 2920.	12.8	35
88	Investigation of the Binding Geometry of a Peripheral Membrane Proteinâ€. Biochemistry, 2005, 44, 16064-16071.	2.5	34
89	Yaf9 subunit of the NuA4 and SWR1 complexes targets histone H3K27ac through its YEATS domain. Nucleic Acids Research, 2018, 46, 421-430.	14.5	34
90	Molecular Insights into Inhibition of the Methylated Histone-Plant Homeodomain Complexes by Calixarenes. Journal of Biological Chemistry, 2015, 290, 22919-22930.	3.4	33

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91	Structural Plasticity of Methyllysine Recognition by the Tandem Tudor Domain of 53BP1. Structure, 2015, 23, 312-321.	3.3	32
92	Chromatin condensation and recruitment of PHD finger proteins to histone H3K4me3 are mutually exclusive. Nucleic Acids Research, 2016, 44, 6102-6112.	14.5	30
93	SnapShot: Histone Readers. Cell, 2011, 146, 842-842.e1.	28.9	28
94	The essential role of acetyllysine binding by the YEATS domain in transcriptional regulation. Transcription, 2016, 7, 14-20.	3.1	28
95	PHF1 Tudor and N-terminal domains synergistically target partially unwrapped nucleosomes to increase DNA accessibility. Nucleic Acids Research, 2017, 45, gkw1320.	14.5	27
96	Characterization of functional disordered regions within chromatin-associated proteins. IScience, 2021, 24, 102070.	4.1	27
97	MORC3 Forms Nuclear Condensates through Phase Separation. IScience, 2019, 17, 182-189.	4.1	26
98	KAP1 Is a Chromatin Reader that Couples Steps of RNA Polymerase II Transcription to Sustain Oncogenic Programs. Molecular Cell, 2020, 78, 1133-1151.e14.	9.7	26
99	Mechanism for autoinhibition and activation of the MORC3 ATPase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6111-6119.	7.1	25
100	Liquidâ€“liquid phase separation is an intrinsic physicochemical property of chromatin. Nature Structural and Molecular Biology, 2019, 26, 1085-1086.	8.2	23
101	Superelectrophilic selenium. A new simple method for generation of areneselenenyl trifluoroacetates and triflates.. Tetrahedron Letters, 1992, 33, 1949-1952.	1.4	22
102	A Unique pH-Dependent Recognition of Methylated Histone H3K4 by PPS and DIDO. Structure, 2017, 25, 1530-1539.e3.	3.3	22
103	Nuclear condensates of p300 formed though the structured catalytic core can act as a storage pool of p300 with reduced HAT activity. Nature Communications, 2021, 12, 4618.	12.8	22
104	An Acetyl-Methyl Switch Drives a Conformational Change in p53. Structure, 2015, 23, 322-331.	3.3	21
105	Binding of the SARS-CoV-2 envelope E protein to human BRD4 is essential for infection. Structure, 2022, 30, 1224-1232.e5.	3.3	21
106	Molecular Basis for the PZP Domain of BRPF1 Association with Chromatin. Structure, 2020, 28, 105-110.e3.	3.3	20
107	TCF19 Promotes Cell Proliferation through Binding to the Histone H3K4me3 Mark. Biochemistry, 2020, 59, 389-399.	2.5	20
108	Discovery of Selective Small-Molecule Inhibitors for the ENL YEATS Domain. Journal of Medicinal Chemistry, 2021, 64, 10997-11013.	6.4	20

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109	The ZZ domain as a new epigenetic reader and a degradation signal sensor. Critical Reviews in Biochemistry and Molecular Biology, 2019, 54, 1-10.	5.2	20
110	Mechanistic insight into the regulation of SQSTM1/p62. Autophagy, 2019, 15, 735-737.	9.1	18
111	Suppression of canonical TGF-Î² signaling enables GATA4 to interact with H3K27me3 demethylase JMJD3 to promote cardiomyogenesis. Journal of Molecular and Cellular Cardiology, 2021, 153, 44-59.	1.9	18
112	Phosphoinositide, Phosphopeptide and Pyridone Interactions of the Abl SH2 Domain. Chemical Biology and Drug Design, 2006, 67, 230-237.	3.2	17
113	Recognition of cancer mutations in histone H3K36 by epigenetic writers and readers. Epigenetics, 2018, 13, 683-692.	2.7	17
114	An aromatic cage is required but not sufficient for binding of Tudor domains of the Polycomblike protein family to H3K36me3. Epigenetics, 2015, 10, 467-473.	2.7	15
115	Regulation of Methyllysine Readers through Phosphorylation. ACS Chemical Biology, 2016, 11, 547-553.	3.4	15
116	MORC3 Is a Target of the Influenza A Viral Protein NS1. Structure, 2019, 27, 1029-1033.e3.	3.3	15
117	Mechanistic insights into chromatin targeting by leukemic NUP98-PHF23 fusion. Nature Communications, 2020, 11, 3339.	12.8	15
118	Analysis of resistance mechanisms to ALK kinase inhibitors in ALK+ NSCLC patients.. Journal of Clinical Oncology, 2012, 30, 7504-7504.	1.6	15
119	Molecular mechanism of the MORC4 ATPase activation. Nature Communications, 2020, 11, 5466.	12.8	14
120	5â€Stabilized Phosphatidylinositol 3,4,5â€Trisphosphate Analogues Bind Grp1 PH, Inhibit Phosphoinositide Phosphatases, and Block Neutrophil Migration. ChemBioChem, 2010, 11, 388-395.	2.6	13
121	PI3Kâ€Î±/mTOR/BRD4 inhibitor alone or in combination with other antiâ€virals blocks replication of SARSâ€CoVâ€2 and its variants of concern including Delta and Omicron. Clinical and Translational Medicine, 2022, 12, e806.	4.0	13
122	Synthesis and Molecular Recognition of Phosphatidylinositol-3-methylenephosphate. Organic Letters, 2006, 8, 2811-2813.	4.6	12
123	Discovery of an H3K36me3-Derived Peptidomimetic Ligand with Enhanced Affinity for Plant Homeodomain Finger Protein 1 (PHF1). Journal of Medicinal Chemistry, 2021, 64, 8510-8522.	6.4	12
124	Visualizing Conformational Ensembles of the Nucleosome by NMR. ACS Chemical Biology, 2022, 17, 495-502.	3.4	12
125	Methylation of Histone H3K79 by Dot1L Requires Multiple Contacts with the Ubiquitinated Nucleosome. Molecular Cell, 2019, 74, 862-863.	9.7	11
126	Inhibition of translation and immune responses by the virulence factor Nsp1 of SARS-CoV-2. Signal Transduction and Targeted Therapy, 2020, 5, 234.	17.1	11

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127	A one-pot trifunctionalization of olefins with benzeneseleninic and trifluoroacetic anhydrides using a commonly undesirable side reaction as a key step. Journal of Organic Chemistry, 1993, 58, 995-996.	3.2	10
128	O-GlcNAcylation of MLL5Î² is essential for MLL5Î²â€“AP-1 transcription complex assembly at the HPV16/18-long control region. Journal of Molecular Cell Biology, 2015, 7, 180-183.	3.3	10
129	A triple action CDK4/6-PI3K-BET inhibitor with augmented cancer cell cytotoxicity. Cell Discovery, 2020, 6, 49.	6.7	10
130	Mechanistic similarities in recognition of histone tails and DNA by epigenetic readers. Current Opinion in Structural Biology, 2021, 71, 1-6.	5.7	10
131	Increased mobility in the membrane targeting PX domain induced by phosphatidylinositol 3-phosphate. Protein Science, 2006, 15, 1873-1882.	7.6	9
132	NMR assignments and histone specificity of the ING2 PHD finger. Magnetic Resonance in Chemistry, 2009, 47, 352-358.	1.9	9
133	Molecular Analysis of Proteinâ€“Phosphoinositide Interactions. Current Topics in Microbiology and Immunology, 2012, 362, 111-126.	1.1	9
134	Structural Insight into Recognition of Methylated Histone H3K4 by Set3. Journal of Molecular Biology, 2017, 429, 2066-2074.	4.2	9
135	Strategies for Generating Modified Nucleosomes: Applications within Structural Biology Studies. ACS Chemical Biology, 2019, 14, 579-586.	3.4	9
136	Design of thienopyranone-based BET inhibitors that bind multiple synthetic lethality targets. Scientific Reports, 2020, 10, 12027.	3.3	9
137	Structural Insight into Binding of the ZZ Domain of HERC2 to Histone H3 and SUMO1. Structure, 2020, 28, 1225-1230.e3.	3.3	9
138	Characterization of nucleosome sediments for protein interaction studies by solid-state NMR spectroscopy. Magnetic Resonance, 2021, 2, 187-202.	1.9	9
139	Structural basis for binding diversity of acetyltransferase p300 to the nucleosome. IScience, 2022, 25, 104563.	4.1	9
140	The role of the PZP domain of AF10 in acute leukemia driven by AF10 translocations. Nature Communications, 2021, 12, 4130.	12.8	8
141	Metabolically Stabilized Derivatives of Phosphatidylinositol 4-Phosphate: Synthesis and Applications. Chemistry and Biology, 2011, 18, 1312-1319.	6.0	7
142	Epigenetic countermarks in mitotic chromosome condensation. Nucleus, 2017, 8, 144-149.	2.2	7
143	The BTK/PI3K/BRD4 axis inhibitor SRX3262 overcomes Ibrutinib resistance in mantle cell lymphoma. IScience, 2021, 24, 102931.	4.1	7
144	A simple new synthesis of thiobisamines. Journal of Organic Chemistry, 1991, 56, 5235-5236.	3.2	6

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145	PHD Fingers as Histone Readers. , 2015, , 27-47.		6
146	Combinatorial inhibition of BTK, PI3K-AKT and BRD4-MYC as a strategy for treatment of mantle cell lymphoma. Molecular Biomedicine, 2022, 3, 2.	4.4	6
147	Structural and biophysical characterization of the nucleosome-binding PZP domain. STAR Protocols, 2021, 2, 100479.	1.2	5
148	IP4 is an epigenetic coregulator. Nature Chemical Biology, 2012, 8, 230-231.	8.0	4
149	Architecture of PRC2 Holo Complexes. Trends in Biochemical Sciences, 2018, 43, 487-489.	7.5	4
150	Protocol for Biochemical Analysis and Structure Determination of the ZZ Domain of the E3ÂUbiquitin Ligase HERC2. STAR Protocols, 2020, 1, 100155.	1.2	4
151	Combining antiviral drugs with BET inhibitors is beneficial in combatting SARSâ€CoVâ€2 infection. Clinical and Translational Discovery, 2022, 2, .	0.5	4
152	Taf2 mediates DNA binding of Taf14. Nature Communications, 2022, 13, .	12.8	4
153	A Novel Triple-Action Inhibitor Targeting B-Cell Receptor Signaling and BRD4 Demonstrates Preclinical Activity in Chronic Lymphocytic Leukemia. International Journal of Molecular Sciences, 2022, 23, 6712.	4.1	4
154	Sequence-specific 1H, 15N and 13C resonance assignments of the EEA1 FYVE domain. , 2000, 17, 89-90.		3
155	Methyl fingerprinting of the nucleosome reveals the molecular mechanism of high-mobility group nucleosomal-2 (HMGN2) association. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12189-12190.	7.1	3
156	Preparation, Biochemical Analysis, and Structure Determination of Methyllysine Readers. Methods in Enzymology, 2016, 573, 345-362.	1.0	3
157	Exploring epigenetics with chemical tools. Nature Chemistry, 2020, 12, 506-508.	13.6	3
158	ZZEF1 is a Histone Reader and Transcriptional Coregulator of KrÃ¼ppel-Like Factors. Journal of Molecular Biology, 2021, 433, 166722.	4.2	3
159	Searching for methyllysine-binding aromatic cages. Biochemical Journal, 2021, 478, 3613-3619.	3.7	3
160	Histone modifications for chromatin dynamics and cellular plasticity. Journal of Molecular Biology, 2017, 429, 1921-1923.	4.2	2
161	Histone H3 Dual Ubiquitylation Mediates Maintenance DNA Methylation. Molecular Cell, 2017, 68, 261-262.	9.7	2
162	A histone reader becomes the readout. Journal of Biological Chemistry, 2018, 293, 7486-7487.	3.4	2

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163	RAG2 PHD finger couples histone H3 lysine 4 trimethylation with V(D)J recombination. FASEB Journal, 2008, 22, 600.2.	0.5	2
164	The ZZ domain of HERC2 is a receptor of arginylated substrates. Scientific Reports, 2022, 12, 6063.	3.3	2
165	Editorial [Hot Topic: ING Family of Tumor Suppressors (Guest Editor: Tatiana G. Kutateladze)]. Current Drug Targets, 2009, 10, 384-384.	2.1	1
166	Photoactive spatial proximity probes for binding pairs with epigenetic marks. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 290, 101-108.	3.9	1
167	The PHD finger of Spp1 mediates histone modification cross-talk. Biochemical Journal, 2019, 476, 2351-2354.	3.7	1
168	Dusquetide modulates innate immune response through binding to p62. Structure, 2022, 30, 1055-1061.e7.	3.3	1
169	A one-pot trifunctionalization of olefins with benzeneseleninic and trifluoroacetic anhydrides using a commonly undesirable side reaction as a key step. [Erratum to document cited in CA118(19):191881a]. Journal of Organic Chemistry, 1993, 58, 3222-3222.	3.2	0
170	Sequence-specific 1H, 13C, and 15N resonance assignments of GRP1 PH domain. Biomolecular NMR Assignments, 2008, 2, 97-99.	0.8	0
171	Focus on Epigenetics. ACS Chemical Biology, 2016, 11, 541-542.	3.4	0
172	Switching 53BP1 on and off via Tudors. Nature Structural and Molecular Biology, 2018, 25, 646-647.	8.2	0
173	Nuclear Condensates of p300 Formed Though the Structured Catalytic Core Can Act as a Storage Pool of p300 with Reduced HAT Activity. SSRN Electronic Journal, 0, , .	0.4	0
174	Structures and function of PHD fingers of ING tumor suppressors. FASEB Journal, 2007, 21, A283.	0.5	0
175	Structural Insights into the Role of PHD Fingers in the MOZ/MORF and HBO1 HATs. FASEB Journal, 2012, 26, 533.1.	0.5	0
176	Reading epigenetic marks. FASEB Journal, 2018, 32, 474.2.	0.5	0
177	The Novel Multitarget Small-Molecule Inhibitor SRX3177 Overcomes Ibrutinib Resistance in Mantle Cell Lymphoma. Blood, 2021, 138, 2262-2262.	1.4	0