

Jaehoon Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9113067/publications.pdf>

Version: 2024-02-01

49
papers

5,227
citations

218677

26
h-index

206112

48
g-index

53
all docs

53
docs citations

53
times ranked

7145
citing authors

#	ARTICLE	IF	CITATIONS
1	Writing, erasing and reading histone lysine methylations. <i>Experimental and Molecular Medicine</i> , 2017, 49, e324-e324.	7.7	800
2	Chemically ubiquitylated histone H2B stimulates hDot1L-mediated intranucleosomal methylation. <i>Nature</i> , 2008, 453, 812-816.	27.8	494
3	RAD6-Mediated Transcription-Coupled H2B Ubiquitylation Directly Stimulates H3K4 Methylation in Human Cells. <i>Cell</i> , 2009, 137, 459-471.	28.9	453
4	Ordered Cooperative Functions of PRMT1, p300, and CARM1 in Transcriptional Activation by p53. <i>Cell</i> , 2004, 117, 735-748.	28.9	445
5	GlcNAcylation of histone H2B facilitates its monoubiquitination. <i>Nature</i> , 2011, 480, 557-560.	27.8	279
6	The Human Homolog of Yeast BRE1 Functions as a Transcriptional Coactivator through Direct Activator Interactions. <i>Molecular Cell</i> , 2005, 20, 759-770.	9.7	274
7	Suppression of the antiviral response by an influenza histone mimic. <i>Nature</i> , 2012, 483, 428-433.	27.8	269
8	The Human PAF1 Complex Acts in Chromatin Transcription Elongation Both Independently and Cooperatively with SII/TFIIS. <i>Cell</i> , 2010, 140, 491-503.	28.9	222
9	Polyunsaturated fatty acid biosynthesis pathway determines ferroptosis sensitivity in gastric cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32433-32442.	7.1	200
10	A chemical biology route to site-specific authentic protein modifications. <i>Science</i> , 2016, 354, 623-626.	12.6	188
11	Multiple Interactions Recruit MLL1 and MLL1 Fusion Proteins to the HOXA9 Locus in Leukemogenesis. <i>Molecular Cell</i> , 2010, 38, 853-863.	9.7	186
12	Function of leukemogenic mixed lineage leukemia 1 (MLL) fusion proteins through distinct partner protein complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15751-15756.	7.1	151
13	SET1 and p300 Act Synergistically, through Coupled Histone Modifications, in Transcriptional Activation by p53. <i>Cell</i> , 2013, 154, 297-310.	28.9	147
14	The n-SET Domain of Set1 Regulates H2B Ubiquitylation-Dependent H3K4 Methylation. <i>Molecular Cell</i> , 2013, 49, 1121-1133.	9.7	119
15	Direct Bre1-Paf1 Complex Interactions and RING Finger-independent Bre1-Rad6 Interactions Mediate Histone H2B Ubiquitylation in Yeast. <i>Journal of Biological Chemistry</i> , 2009, 284, 20582-20592.	3.4	111
16	RNF20 Inhibits TFIIS-Facilitated Transcriptional Elongation to Suppress Pro-oncogenic Gene Expression. <i>Molecular Cell</i> , 2011, 42, 477-488.	9.7	87
17	The Histone Modification Domain of Paf1 Complex Subunit Rtf1 Directly Stimulates H2B Ubiquitylation through an Interaction with Rad6. <i>Molecular Cell</i> , 2016, 64, 815-825.	9.7	85
18	The Novel Human DNA Helicase hFBH1 Is an F-box Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 24530-24537.	3.4	61

#	ARTICLE	IF	CITATIONS
19	Linker Histone H1.2 Cooperates with Cul4A and PAF1 to Drive H4K31 Ubiquitylation-Mediated Transactivation. <i>Cell Reports</i> , 2013, 5, 1690-1703.	6.4	58
20	The STAGA Subunit ADA2b Is an Important Regulator of Human GCN5 Catalysis. <i>Molecular and Cellular Biology</i> , 2009, 29, 266-280.	2.3	51
21	Histone H2B ubiquitin ligases RNF20 and RNF40 in androgen signaling and prostate cancer cell growth. <i>Molecular and Cellular Endocrinology</i> , 2012, 350, 87-98.	3.2	47
22	Tripartite structure of <i>Saccharomyces cerevisiae</i> Dna2 helicase/endonuclease. <i>Nucleic Acids Research</i> , 2001, 29, 3069-3079.	14.5	46
23	Identification of a functional hotspot on ubiquitin required for stimulation of methyltransferase activity on chromatin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10365-10370.	7.1	44
24	The Set1 N-terminal domain and Swd2 interact with RNA polymerase II CTD to recruit COMPASS. <i>Nature Communications</i> , 2020, 11, 2181.	12.8	35
25	SCF ^{hFBH1} can act as helicase and E3 ubiquitin ligase. <i>Nucleic Acids Research</i> , 2004, 32, 2287-2297.	14.5	31
26	Binding to RNA regulates Set1 function. <i>Cell Discovery</i> , 2017, 3, 17040.	6.7	31
27	ATP Binding to Rad5 Initiates Replication Fork Reversal by Inducing the Unwinding of the Leading Arm and the Formation of the Holliday Junction. <i>Cell Reports</i> , 2018, 23, 1831-1839.	6.4	30
28	H2B ubiquitylation enhances H3K4 methylation activities of human KMT2 family complexes. <i>Nucleic Acids Research</i> , 2020, 48, 5442-5456.	14.5	29
29	Multiple RPAs make WRN syndrome protein a superhelicase. <i>Nucleic Acids Research</i> , 2018, 46, 4689-4698.	14.5	28
30	A Feed-Forward Repression Mechanism Anchors the Sin3/Histone Deacetylase and N-CoR/SMRT Corepressors on Chromatin. <i>Molecular and Cellular Biology</i> , 2006, 26, 5226-5236.	2.3	26
31	Epigenetic modification and a role for the E3 ligase RNF40 in cancer development and metastasis. <i>Oncogene</i> , 2021, 40, 465-474.	5.9	24
32	Nucleosomal H2B ubiquitylation with purified factors. <i>Methods</i> , 2011, 54, 331-338.	3.8	23
33	Transcriptional elongation factor Paf1 core complex adopts a spirally wrapped solenoidal topology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9998-10003.	7.1	20
34	Differential regulation of the histone chaperone HIRA during muscle cell differentiation by a phosphorylation switch. <i>Experimental and Molecular Medicine</i> , 2016, 48, e252-e252.	7.7	19
35	Crosstalk among Set1 complex subunits involved in H2B ubiquitylation-dependent H3K4 methylation. <i>Nucleic Acids Research</i> , 2018, 46, 11129-11143.	14.5	19
36	Transcription of in vitro assembled chromatin templates in a highly purified RNA polymerase II system. <i>Methods</i> , 2009, 48, 353-360.	3.8	11

#	ARTICLE	IF	CITATIONS
37	RNF20/40-mediated eEF1B1L monoubiquitylation stimulates transcription of heat shock-responsive genes. <i>Nucleic Acids Research</i> , 2019, 47, 2840-2855.	14.5	11
38	Npas4 regulates IQSEC3 expression in hippocampal somatostatin interneurons to mediate anxiety-like behavior. <i>Cell Reports</i> , 2021, 36, 109417.	6.4	10
39	ZWC complex-mediated SPT5 phosphorylation suppresses divergent antisense RNA transcription at active gene promoters. <i>Nucleic Acids Research</i> , 2022, 50, 3835-3851.	14.5	10
40	MSK1 functions as a transcriptional coactivator of p53 in the regulation of p21 gene expression. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	7.7	9
41	Transcriptional regulation by the KMT2 histone H3K4 methyltransferases. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194545.	1.9	9
42	Decreased chimeric antibody productivity of KR12H4E1 transfectoma during long-term culture results from decreased antibody gene copy number. <i>Biotechnology and Bioengineering</i> , 1996, 51, 479-487.	3.3	7
43	The Tumor Suppressor, p53, Negatively Regulates Non-Canonical NF- κ B Signaling through miRNA-Induced Silencing of NF- κ B-Inducing Kinase. <i>Molecules and Cells</i> , 2020, 43, 23-33.	2.6	7
44	PHF20 is crucial for epigenetic control of starvation-induced autophagy through enhancer activation. <i>Nucleic Acids Research</i> , 2022, 50, 7856-7872.	14.5	6
45	Cisplatin fastens chromatin irreversibly even at a high chloride concentration. <i>Nucleic Acids Research</i> , 2021, 49, 12035-12047.	14.5	5
46	Inositol polyphosphate multikinase physically binds to the SWI/SNF complex and modulates BRG1 occupancy in mouse embryonic stem cells. <i>ELife</i> , 2022, 11, .	6.0	5
47	Flow cytometric analysis of antibody producing cells using double immunofluorescent staining. <i>Biotechnology Letters</i> , 1996, 10, 615-620.	0.5	2
48	Allosteric Regulation of Chromatin-Modifying Enzymes. <i>Biochemistry</i> , 2019, 58, 15-23.	2.5	2
49	Discovery of Klf2 interactors in mouse embryonic stem cells by immunoprecipitation-mass spectrometry utilizing exogenously expressed bait. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140672.	2.3	0