

Jaehoon Kim

List of Publications by Year in descending order

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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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Cisplatin fastens chromatin irreversibly even at a high chloride concentration. <i>Nucleic Acids Research</i> , 2021, 49, 12035-12047. | 14.5 | 5 |
| 6 | Npas4 regulates IQSEC3 expression in hippocampal somatostatin interneurons to mediate anxiety-like behavior. <i>Cell Reports</i> , 2021, 36, 109417. | 6.4 | 10 |
| 7 | 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 |
| 8 | 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 |
| 9 | Transcriptional regulation by the KMT2 histone H3K4 methyltransferases. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194545. | 1.9 | 9 |
| 10 | 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 |
| 11 | H2B ubiquitylation enhances H3K4 methylation activities of human KMT2 family complexes. <i>Nucleic Acids Research</i> , 2020, 48, 5442-5456. | 14.5 | 29 |
| 12 | 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 |
| 13 | RNF20/40-mediated eEF1B β L monoubiquitylation stimulates transcription of heat shock-responsive genes. <i>Nucleic Acids Research</i> , 2019, 47, 2840-2855. | 14.5 | 11 |
| 14 | Allosteric Regulation of Chromatin-Modifying Enzymes. <i>Biochemistry</i> , 2019, 58, 15-23. | 2.5 | 2 |
| 15 | Multiple RPAs make WRN syndrome protein a superhelicase. <i>Nucleic Acids Research</i> , 2018, 46, 4689-4698. | 14.5 | 28 |
| 16 | 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 |
| 17 | Crosstalk among Set1 complex subunits involved in H2B ubiquitylation-dependent H3K4 methylation. <i>Nucleic Acids Research</i> , 2018, 46, 11129-11143. | 14.5 | 19 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | Writing, erasing and reading histone lysine methylations. <i>Experimental and Molecular Medicine</i> , 2017, 49, e324-e324. | 7.7 | 800 |
| 21 | Binding to RNA regulates Set1 function. <i>Cell Discovery</i> , 2017, 3, 17040. | 6.7 | 31 |
| 22 | A chemical biology route to site-specific authentic protein modifications. <i>Science</i> , 2016, 354, 623-626. | 12.6 | 188 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | SET1 and p300 Act Synergistically, through Coupled Histone Modifications, in Transcriptional Activation by p53. <i>Cell</i> , 2013, 154, 297-310. | 28.9 | 147 |
| 27 | Linker Histone H1.2 Cooperates with Cul4A and PAF1 to Drive H4K31Ubiquitylation-Mediated Transactivation. <i>Cell Reports</i> , 2013, 5, 1690-1703. | 6.4 | 58 |
| 28 | The n-SET Domain of Set1 Regulates H2B Ubiquitylation-Dependent H3K4 Methylation. <i>Molecular Cell</i> , 2013, 49, 1121-1133. | 9.7 | 119 |
| 29 | Suppression of the antiviral response by an influenza histone mimic. <i>Nature</i> , 2012, 483, 428-433. | 27.8 | 269 |
| 30 | 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 |
| 31 | RNF20 Inhibits TFIIIS-Facilitated Transcriptional Elongation to Suppress Pro-oncogenic Gene Expression. <i>Molecular Cell</i> , 2011, 42, 477-488. | 9.7 | 87 |
| 32 | Nucleosomal H2B ubiquitylation with purified factors. <i>Methods</i> , 2011, 54, 331-338. | 3.8 | 23 |
| 33 | GlcNAcylation of histone H2B facilitates its monoubiquitination. <i>Nature</i> , 2011, 480, 557-560. | 27.8 | 279 |
| 34 | 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 |
| 35 | 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 |
| 36 | The Human PAF1 Complex Acts in Chromatin Transcription Elongation Both Independently and Cooperatively with SII/TFIIIS. <i>Cell</i> , 2010, 140, 491-503. | 28.9 | 222 |

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|----|--|------|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | RAD6-Mediated Transcription-Coupled H2B Ubiquitylation Directly Stimulates H3K4 Methylation in Human Cells. <i>Cell</i> , 2009, 137, 459-471. | 28.9 | 453 |
| 40 | 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 |
| 41 | Chemically ubiquitylated histone H2B stimulates hDot1L-mediated intranucleosomal methylation. <i>Nature</i> , 2008, 453, 812-816. | 27.8 | 494 |
| 42 | 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 |
| 43 | 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 |
| 44 | SCFhFBH1 can act as helicase and E3 ubiquitin ligase. <i>Nucleic Acids Research</i> , 2004, 32, 2287-2297. | 14.5 | 31 |
| 45 | Ordered Cooperative Functions of PRMT1, p300, and CARM1 in Transcriptional Activation by p53. <i>Cell</i> , 2004, 117, 735-748. | 28.9 | 445 |
| 46 | The Novel Human DNA Helicase hFBH1 Is an F-box Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 24530-24537. | 3.4 | 61 |
| 47 | Tripartite structure of <i>Saccharomyces cerevisiae</i> Dna2 helicase/endonuclease. <i>Nucleic Acids Research</i> , 2001, 29, 3069-3079. | 14.5 | 46 |
| 48 | Flow cytometric analysis of antibody producing cells using double immunofluorescent staining. <i>Biotechnology Letters</i> , 1996, 10, 615-620. | 0.5 | 2 |
| 49 | Decreased chimeric antibody productivity of KR12 transfectoma during long-term culture results from decreased antibody gene copy number. <i>Biotechnology and Bioengineering</i> , 1996, 51, 479-487. | 3.3 | 7 |