

Min Gyu Lee

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,126
citations

623734

14
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2229
citing authors

#	ARTICLE	IF	CITATIONS
1	HP1 ³ regulates a common landscape of enhancer associated genes in non-small cell lung cancer. <i>Nature Communications</i> , 2022, 13, 614.	12.8	13
2	Cancer Stem Cells, not Bulk Tumor Cells, Determine Mechanisms of Resistance to SMO Inhibitors. <i>Cancer Research Communications</i> , 2022, 2, 402-416.	1.7	2
3	MACMIC Reveals A Dual Role of CTCF in Epigenetic Regulation of Cell Identity Genes. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 140-153.	6.9	4
4	Cancer-epigenetic function of the histone methyltransferase KMT2D and therapeutic opportunities for the treatment of KMT2D-deficient tumors. <i>Oncotarget</i> , 2021, 12, 1296-1308.	1.8	19
5	A chirality-dependent action of vitamin C in suppressing Kirsten rat sarcoma mutant tumor growth by the oxidative combination: Rationale for cancer therapeutics. <i>International Journal of Cancer</i> , 2020, 146, 2822-2828.	5.1	9
6	Enhancer Reprogramming Confers Dependence on Glycolysis and IGF Signaling in KMT2D Mutant Melanoma. <i>Cell Reports</i> , 2020, 33, 108293.	6.4	39
7	Broad genic repression domains signify enhanced silencing of oncogenes. <i>Nature Communications</i> , 2020, 11, 5560.	12.8	10
8	KMT2D Deficiency Impairs Super-Enhancers to Confer a Glycolytic Vulnerability in Lung Cancer. <i>Cancer Cell</i> , 2020, 37, 599-617.e7.	16.8	137
9	SETDB1-mediated methylation of Akt promotes its K63-linked ubiquitination and activation leading to tumorigenesis. <i>Nature Cell Biology</i> , 2019, 21, 214-225.	10.3	133
10	PTEN self-regulates through USP11 via the PI3K-FOXO pathway to stabilize tumor suppression. <i>Nature Communications</i> , 2019, 10, 636.	12.8	53
11	Structural insights into trans-histone regulation of H3K4 methylation by unique histone H4 binding of MLL3/4. <i>Nature Communications</i> , 2019, 10, 36.	12.8	30
12	Protein arginine methyltransferase 7-mediated microRNA-221 repression maintains Oct4, Nanog, and Sox2 levels in mouse embryonic stem cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 3925-3936.	3.4	19
13	HP1 ³ Promotes Lung Adenocarcinoma by Downregulating the Transcription-Repressive Regulators NCOR2 and ZBTB7A. <i>Cancer Research</i> , 2018, 78, 3834-3848.	0.9	63
14	MLL4 Is Required to Maintain Broad H3K4me3 Peaks and Super-Enhancers at Tumor Suppressor Genes. <i>Molecular Cell</i> , 2018, 70, 825-841.e6.	9.7	123
15	The H3K27me3-demethylase KDM6A is suppressed in breast cancer stem-like cells, and enables the resolution of bivalency during the mesenchymal-epithelial transition. <i>Oncotarget</i> , 2017, 8, 65548-65565.	1.8	49
16	ZMYND8 Reads the Dual Histone Mark H3K4me1-H3K14ac to Antagonize the Expression of Metastasis-Linked Genes. <i>Molecular Cell</i> , 2016, 63, 470-484.	9.7	112
17	A feedback loop comprising PRMT7 and miR-24-2 interplays with Oct4, Nanog, Klf4 and c-Myc to regulate stemness. <i>Nucleic Acids Research</i> , 2016, 44, 10603-10618.	14.5	56
18	An essential role for UTX in resolution and activation of bivalent promoters. <i>Nucleic Acids Research</i> , 2016, 44, 3659-3674.	14.5	63

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19	JARID1D Is a Suppressor and Prognostic Marker of Prostate Cancer Invasion and Metastasis. <i>Cancer Research</i> , 2016, 76, 831-843.	0.9	99
20	Histone methylation modifiers in cellular signaling pathways. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4577-4592.	5.4	92