Kyung-Min Noh

List of Publications by Year
in descending order

21 papers	3,688 citations	516710 16 h-index	713466 21 g-index
27 all docs	27 docs citations	27 times ranked	5503 citing authors

#	Article	IF	Citations
1	Distinct Factors Control Histone Variant H3.3 Localization at Specific Genomic Regions. Cell, 2010, 140, 678-691.	28.9	1,069
2	Daxx is an H3.3-specific histone chaperone and cooperates with ATRX in replication-independent chromatin assembly at telomeres. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14075-14080.	7.1	685
3	Histone H3.3 is required for endogenous retroviral element silencing in embryonic stem cells. Nature, 2015, 522, 240-244.	27.8	303
4	Every amino acid matters: essential contributions of histone variants to mammalian development and disease. Nature Reviews Genetics, 2014, 15, 259-271.	16.3	285
5	Systematic analysis of protein turnover in primary cells. Nature Communications, 2018, 9, 689.	12.8	280
6	The functional landscape of the human phosphoproteome. Nature Biotechnology, 2020, 38, 365-373.	17.5	273
7	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. Neuron, 2015, 87, 77-94.	8.1	257
8	Histone variant H3.3 is an essential maternal factor for oocyte reprogramming. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7325-7330.	7.1	95
9	CTCF-Mediated Chromatin Loops between Promoter and Gene Body Regulate Alternative Splicing across Individuals. Cell Systems, 2017, 5, 628-637.e6.	6.2	80
10	Engineering of a Histone-Recognition Domain in Dnmt3a Alters the Epigenetic Landscape and Phenotypic Features of Mouse ESCs. Molecular Cell, 2015, 59, 89-103.	9.7	76
11	Haploinsufficiency of the intellectual disability gene SETD5 disturbs developmental gene expression and cognition. Nature Neuroscience, 2018, 21, 1717-1727.	14.8	65
12	ATRX tolerates activity-dependent histone H3 methyl/phos switching to maintain repetitive element silencing in neurons. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6820-6827.	7.1	49
13	Lysine 4 of histone H3.3 is required for embryonic stem cell differentiation, histone enrichment at regulatory regions and transcription accuracy. Nature Genetics, 2020, 52, 273-282.	21.4	37
14	Intragenic CpG islands play important roles in bivalent chromatin assembly of developmental genes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1885-E1894.	7.1	27
15	Genomic Rewiring of SOX2 Chromatin Interaction Network during Differentiation of ESCs to Postmitotic Neurons. Cell Systems, 2020, 10, 480-494.e8.	6.2	25
16	High-throughput functional characterization of protein phosphorylation sites in yeast. Nature Biotechnology, 2022, 40, 382-390.	17.5	24
17	Reading between the Lines: â€œADDâ€•ing Histone and DNA Methylation Marks toward a New Epigenetic â€œSumâ€• ACS Chemical Biology, 2016, 11, 554-563.	3.4	20
18	Histone Variant H3.3 Mutations in Defining the Chromatin Function in Mammals. Cells, 2020, 9, 2716.	4.1	10

#	Article	IF	Citations
19	ElsÃsser et al. reply. Nature, 2017, 548, E7-E9.	27.8	7
20	Donor cell memory confers a metastable state of directly converted cells. Cell Stem Cell, 2021, 28, 1291-1306.e10.	11.1	5
21	Multi-omic profiling of histone variant H3.3 lysine 27 methylation reveals a distinct role from canonical H3 in stem cell differentiation. Molecular Omics, 2022, 18, 296-314.	2.8	2