

Hongjae Sunwoo

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

4,891
citations

516710

16
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

7669
citing authors

#	ARTICLE	IF	CITATIONS
1	Long noncoding RNAs: functional surprises from the RNA world. <i>Genes and Development</i> , 2009, 23, 1494-1504.	5.9	2,032
2	The Long Noncoding RNAs NEAT1 and MALAT1 Bind Active Chromatin Sites. <i>Molecular Cell</i> , 2014, 55, 791-802.	9.7	578
3	<i>MEN1</i> nuclear-retained non-coding RNAs are up-regulated upon muscle differentiation and are essential components of paraspeckles. <i>Genome Research</i> , 2009, 19, 347-359.	5.5	570
4	Direct visualization of the co-transcriptional assembly of a nuclear body by noncoding RNAs. <i>Nature Cell Biology</i> , 2011, 13, 95-101.	10.3	420
5	A comprehensive Xist interactome reveals cohesin repulsion and an RNA-directed chromosome conformation. <i>Science</i> , 2015, 349, .	12.6	397
6	Polycomb Repressive Complex 1 Generates Discrete Compacted Domains that Change during Differentiation. <i>Molecular Cell</i> , 2017, 65, 432-446.e5.	9.7	287
7	Xist Deletional Analysis Reveals an Interdependency between Xist RNA and Polycomb Complexes for Spreading along the Inactive X. <i>Molecular Cell</i> , 2019, 74, 101-117.e10.	9.7	125
8	Repeat E anchors Xist RNA to the inactive X chromosomal compartment through CDKN1A-interacting protein (CIZ1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10654-10659.	7.1	97
9	The Xist RNA-PRC2 complex at 20-nm resolution reveals a low Xist stoichiometry and suggests a hit-and-run mechanism in mouse cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4216-25.	7.1	82
10	Female mice lacking Xist RNA show partial dosage compensation and survive to term. <i>Genes and Development</i> , 2016, 30, 1747-1760.	5.9	61
11	The Firre locus produces a trans-acting RNA molecule that functions in hematopoiesis. <i>Nature Communications</i> , 2019, 10, 5137.	12.8	60
12	PRC1 collaborates with SMCHD1 to fold the X-chromosome and spread Xist RNA between chromosome compartments. <i>Nature Communications</i> , 2019, 10, 2950.	12.8	56
13	Xist Repeats A and B Account for Two Distinct Phases of X Inactivation Establishment. <i>Developmental Cell</i> , 2020, 54, 21-32.e5.	7.0	37
14	Balancing cohesin eviction and retention prevents aberrant chromosomal interactions, Polycomb-mediated repression, and X-inactivation. <i>Molecular Cell</i> , 2021, 81, 1970-1987.e9.	9.7	30
15	<i>En bloc</i> and segmental deletions of human <i>XIST</i> reveal X chromosome inactivation-involving RNA elements. <i>Nucleic Acids Research</i> , 2019, 47, 3875-3887.	14.5	28
16	<i>Xist</i> imprinting is promoted by the hemizygous (unpaired) state in the male germ line. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14415-14422.	7.1	22
17	Two- and three-color STORM analysis reveals higher-order assembly of leukotriene synthase complexes on the nuclear envelope of murine neutrophils. <i>Journal of Biological Chemistry</i> , 2020, 295, 5761-5770.	3.4	3
18	Xist Repeat A contributes to early recruitment of Polycomb complexes during X-chromosome inactivation. <i>Developmental Cell</i> , 2021, 56, 1236-1237.	7.0	2