Anne-Valerie Gendrel

List of Publications by Year
in descending order

21	3,652	430874	713466
papers	citations	18 h-index	21 g-index

23	23	23	5509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of transposable elements in heterochromatin and epigenetic control. Nature, 2004, 430, 471-476.	27.8	1,103
2	Profiling histone modification patterns in plants using genomic tiling microarrays. Nature Methods, 2005, 2, 213-218.	19.0	521
3	Dependence of Heterochromatic Histone H3 Methylation Patterns on the Arabidopsis Gene DDM1. Science, 2002, 297, 1871-1873.	12.6	417
4	SmcHD1, containing a structural-maintenance-of-chromosomes hinge domain, has a critical role in X inactivation. Nature Genetics, 2008, 40, 663-669.	21.4	305
5	Noncoding RNAs and Epigenetic Mechanisms During X-Chromosome Inactivation. Annual Review of Cell and Developmental Biology, 2014, 30, 561-580.	9.4	195
6	Smchd1-Dependent and -Independent Pathways Determine Developmental Dynamics of CpG Island Methylation on the Inactive X Chromosome. Developmental Cell, 2012, 23, 265-279.	7.0	160
7	Changes in 5S rDNA Chromatin Organization and Transcription during Heterochromatin Establishment in Arabidopsis. Plant Cell, 2003, 15, 2929-2939.	6.6	120
8	Profiling DNA methylation patterns using genomic tiling microarrays. Nature Methods, 2005, 2, 219-224.	19.0	119
9	Developmental Dynamics and Disease Potential of Random Monoallelic Gene Expression. Developmental Cell, 2014, 28, 366-380.	7.0	118
10	Epigenetic Functions of Smchd1 Repress Gene Clusters on the Inactive X Chromosome and on Autosomes. Molecular and Cellular Biology, 2013, 33, 3150-3165.	2.3	99
11	Landscape of monoallelic DNA accessibility in mouse embryonic stem cells and neural progenitor cells. Nature Genetics, 2017, 49, 377-386.	21.4	76
12	MOF-associated complexes ensure stem cell identity and Xist repression. ELife, 2014, 3, e02024.	6.0	76
13	Fifty years of X-inactivation research. Development (Cambridge), 2011, 138, 5049-5055.	2.5	73
14	Independent Mechanisms Target SMCHD1 to Trimethylated Histone H3 Lysine 9-Modified Chromatin and the Inactive X Chromosome. Molecular and Cellular Biology, 2015, 35, 4053-4068.	2.3	66
15	Arabidopsis epigenetics: when RNA meets chromatin. Current Opinion in Plant Biology, 2005, 8, 142-147.	7.1	55
16	Unusual chromatin status and organization of the inactive X chromosome in murine trophoblast giant cells. Development (Cambridge), 2013, 140, 861-872.	2.5	45
17	Random monoallelic expression of genes on autosomes: Parallels with X-chromosome inactivation. Seminars in Cell and Developmental Biology, 2016, 56, 100-110.	5.0	44
18	The influence of DNA methylation on monoallelic expression. Essays in Biochemistry, 2019, 63, 663-676.	4.7	39

#	Article	IF	Citations
19	The tandem repeat modules of Xist lncRNA: a swiss army knife for the control of X-chromosome inactivation. Biochemical Society Transactions, 2021, 49, 2549-2560.	3.4	9
20	Locus specific epigenetic modalities of random allelic expression imbalance. Nature Communications, 2021, 12, 5330.	12.8	7
21	X-Chromosome Inactivation and Autosomal Random Monoallelic Expression as â€œFaux Amisâ€• Frontiers in Cell and Developmental Biology, 2021, 9, 740937.	3.7	1