Erwan Delbarre

List of Publications by Year
in descending order

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19	1,072	516710	839539
papers	citations	16 h-index	18 g-index

19	19	19	1655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chrom3D: three-dimensional genome modeling from Hi-C and nuclear lamin-genome contacts. Genome Biology, 2017, 18, 21.	8.8	159
2	Lamin A/C-promoter interactions specify chromatin stateâ€“dependent transcription outcomes. Genome Research, 2013, 23, 1580-1589.	5.5	157
3	Long-range interactions between topologically associating domains shape the four-dimensional genome during differentiation. Nature Genetics, 2019, 51, 835-843.	21.4	114
4	The truncated prelamin A in Hutchinsonâ€“Gilford progeria syndrome alters segregation of A-type and B-type lamin homopolymers. Human Molecular Genetics, 2006, 15, 1113-1122.	2.9	106
5	Prepatterning of differentiation-driven nuclear lamin A/C-associated chromatin domains by GlcNAcylated histone H2B. Genome Research, 2015, 25, 1825-1835.	5.5	75
6	The PML-associated protein DEK regulates the balance of H3.3 loading on chromatin and is important for telomere integrity. Genome Research, 2014, 24, 1584-1594.	5.5	63
7	DAXX-dependent supply of soluble (H3.3â€“H4) dimers to PML bodies pending deposition into chromatin. Genome Research, 2013, 23, 440-451.	5.5	61
8	PML protein organizes heterochromatin domains where it regulates histone H3.3 deposition by ATRX/DAXX. Genome Research, 2017, 27, 913-921.	5.5	52
9	Loss of a DNA binding site within the tail of prelamin A contributes to altered heterochromatin anchorage by progerin. FEBS Letters, 2010, 584, 2999-3004.	2.8	45
10	Chromatin Environment of Histone Variant H3.3 Revealed by Quantitative Imaging and Genome-scale Chromatin and DNA Immunoprecipitation. Molecular Biology of the Cell, 2010, 21, 1872-1884.	2.1	42
11	Expression of the myodystrophic R453W mutation of lamin A in C2C12 myoblasts causes promoter-specific and global epigenetic defects. Experimental Cell Research, 2008, 314, 1869-1880.	2.6	40
12	Artificial intelligence in the fertility clinic: status, pitfalls and possibilities. Human Reproduction, 2021, 36, 2429-2442.	0.9	38
13	Differentiation of C2C12 myoblasts expressing lamin A mutated at a site responsible for Emeryâ€“Dreifuss muscular dystrophy is improved by inhibition of the MEKâ€“ERK pathway and stimulation of the PI3-kinase pathway. Experimental Cell Research, 2008, 314, 1392-1405.	2.6	35
14	Actin polymerisation at the cytoplasmic face of eukaryotic nuclei. BMC Cell Biology, 2006, 7, 23.	3.0	28
15	Deregulation of Fragile X-related protein 1 by the lipodystrophic lamin A p.R482W mutation elicits a myogenic gene expression program in preadipocytes. Human Molecular Genetics, 2014, 23, 1151-1162.	2.9	27
16	H3.Y discriminates between HIRA and DAXX chaperone complexes and reveals unexpected insights into human DAXX-H3.3-H4 binding and deposition requirements. Nucleic Acids Research, 2017, 45, 5691-5706.	14.5	19
17	Modulation of H3.3 chromatin assembly by PML: A way to regulate epigenetic inheritance. BioEssays, 2021, 43, e2100038.	2.5	6
18	PML modulates H3.3 targeting to telomeric and centromeric repeats in mouse fibroblasts. Biochemical and Biophysical Research Communications, 2019, 511, 882-888.	2.1	5

#	Article	IF	Citations
19	Transcription outcome of promoters enriched in histone variant H3.3 defined by positioning of H3.3 and local chromatin marks. Biochemical and Biophysical Research Communications, 2015, 460, 348-353.	2.1	0