

Erwan Delbarre

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,072
citations

516710

16
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence in the fertility clinic: status, pitfalls and possibilities. <i>Human Reproduction</i> , 2021, 36, 2429-2442.	0.9	38
2	Modulation of H3.3 chromatin assembly by PML: A way to regulate epigenetic inheritance. <i>BioEssays</i> , 2021, 43, e2100038.	2.5	6
3	Long-range interactions between topologically associating domains shape the four-dimensional genome during differentiation. <i>Nature Genetics</i> , 2019, 51, 835-843.	21.4	114
4	PML modulates H3.3 targeting to telomeric and centromeric repeats in mouse fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 882-888.	2.1	5
5	Chrom3D: three-dimensional genome modeling from Hi-C and nuclear lamin-genome contacts. <i>Genome Biology</i> , 2017, 18, 21.	8.8	159
6	H3.Y discriminates between HIRA and DAXX chaperone complexes and reveals unexpected insights into human DAXX-H3.3-H4 binding and deposition requirements. <i>Nucleic Acids Research</i> , 2017, 45, 5691-5706.	14.5	19
7	PML protein organizes heterochromatin domains where it regulates histone H3.3 deposition by ATRX/DAXX. <i>Genome Research</i> , 2017, 27, 913-921.	5.5	52
8	Transcription outcome of promoters enriched in histone variant H3.3 defined by positioning of H3.3 and local chromatin marks. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 348-353.	2.1	0
9	Prepatterning of differentiation-driven nuclear lamin A/C-associated chromatin domains by GlcNAcylated histone H2B. <i>Genome Research</i> , 2015, 25, 1825-1835.	5.5	75
10	Deregulation of Fragile X-related protein 1 by the lipodystrophic lamin A p.R482W mutation elicits a myogenic gene expression program in preadipocytes. <i>Human Molecular Genetics</i> , 2014, 23, 1151-1162.	2.9	27
11	The PML-associated protein DEK regulates the balance of H3.3 loading on chromatin and is important for telomere integrity. <i>Genome Research</i> , 2014, 24, 1584-1594.	5.5	63
12	Lamin A/C-promoter interactions specify chromatin state-dependent transcription outcomes. <i>Genome Research</i> , 2013, 23, 1580-1589.	5.5	157
13	DAXX-dependent supply of soluble (H3.3-H4) dimers to PML bodies pending deposition into chromatin. <i>Genome Research</i> , 2013, 23, 440-451.	5.5	61
14	Loss of a DNA binding site within the tail of prelamin A contributes to altered heterochromatin anchorage by progerin. <i>FEBS Letters</i> , 2010, 584, 2999-3004.	2.8	45
15	Chromatin Environment of Histone Variant H3.3 Revealed by Quantitative Imaging and Genome-scale Chromatin and DNA Immunoprecipitation. <i>Molecular Biology of the Cell</i> , 2010, 21, 1872-1884.	2.1	42
16	Differentiation of C2C12 myoblasts expressing lamin A mutated at a site responsible for Emery-Dreifuss muscular dystrophy is improved by inhibition of the MEK-ERK pathway and stimulation of the PI3-kinase pathway. <i>Experimental Cell Research</i> , 2008, 314, 1392-1405.	2.6	35
17	Expression of the myodystrophic R453W mutation of lamin A in C2C12 myoblasts causes promoter-specific and global epigenetic defects. <i>Experimental Cell Research</i> , 2008, 314, 1869-1880.	2.6	40
18	Actin polymerisation at the cytoplasmic face of eukaryotic nuclei. <i>BMC Cell Biology</i> , 2006, 7, 23.	3.0	28

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19	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