

Philipp Oberdoerffer

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,569
citations

361413

20
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

4561
citing authors

#	ARTICLE	IF	CITATIONS
1	SIRT1 Redistribution on Chromatin Promotes Genomic Stability but Alters Gene Expression during Aging. <i>Cell</i> , 2008, 135, 907-918.	28.9	756
2	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , 2020, 181, 236-249.	28.9	334
3	The role of nuclear architecture in genomic instability and ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 692-702.	37.0	256
4	A Macrohistone Variant Links Dynamic Chromatin Compaction to BRCA1-Dependent Genome Maintenance. <i>Cell Reports</i> , 2014, 8, 1049-1062.	6.4	179
5	A <i>BRCA</i> -interacting lncRNA regulates homologous recombination. <i>EMBO Reports</i> , 2015, 16, 1520-1534.	4.5	126
6	Sirt1 ablation promotes stress-induced loss of epigenetic and genomic hematopoietic stem and progenitor cell maintenance. <i>Journal of Experimental Medicine</i> , 2013, 210, 987-1001.	8.5	104
7	The ageing epigenome: Damaged beyond repair?. <i>Ageing Research Reviews</i> , 2009, 8, 189-198.	10.9	77
8	Replication Stress Shapes a Protective Chromatin Environment across Fragile Genomic Regions. <i>Molecular Cell</i> , 2018, 69, 36-47.e7.	9.7	75
9	Efficiency of RNA Interference in the Mouse Hematopoietic System Varies between Cell Types and Developmental Stages. <i>Molecular and Cellular Biology</i> , 2005, 25, 3896-3905.	2.3	68
10	SIRT1 Activation Disrupts Maintenance of Myelodysplastic Syndrome Stem and Progenitor Cells by Restoring TET2 Function. <i>Cell Stem Cell</i> , 2018, 23, 355-369.e9.	11.1	68
11	Unidirectional Cre-mediated genetic inversion in mice using the mutant loxP pair lox66/lox71. <i>Nucleic Acids Research</i> , 2003, 31, 140e-140.	14.5	62
12	Chromatin dynamics in DNA double-strand break repair. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 811-819.	1.9	56
13	DNA damage, chromatin, and transcription: the trinity of aging. <i>Current Opinion in Cell Biology</i> , 2012, 24, 724-730.	5.4	49
14	Controlled DNA double-strand break induction in mice reveals post-damage transcriptome stability. <i>Nucleic Acids Research</i> , 2016, 44, e64-e64.	14.5	44
15	Ubiquitin-specific protease 21 stabilizes BRCA2 to control DNA repair and tumor growth. <i>Nature Communications</i> , 2017, 8, 137.	12.8	44
16	RNA: a double-edged sword in genome maintenance. <i>Nature Reviews Genetics</i> , 2020, 21, 651-670.	16.3	37
17	The macroH2A1.2 histone variant links ATRX loss to alternative telomere lengthening. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 213-219.	8.2	36
18	Replication Stress: A Lifetime of Epigenetic Change. <i>Genes</i> , 2015, 6, 858-877.	2.4	28

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19	Epigenetic Regulation of DNA Repair Pathway Choice by MacroH2A1 Splice Variants Ensures Genome Stability. <i>Molecular Cell</i> , 2020, 79, 836-845.e7.	9.7	25
20	Histone H2A variants: Diversifying chromatin to ensure genome integrity. <i>Seminars in Cell and Developmental Biology</i> , 2023, 135, 59-72.	5.0	23
21	Transcription-associated events affecting genomic integrity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160288.	4.0	22
22	Metabolic modulation of chromatin: implications for DNA repair and genomic integrity. <i>Frontiers in Genetics</i> , 2013, 4, 182.	2.3	21
23	Expression of a Targeted λ 1 Light Chain Gene Is Developmentally Regulated and Independent of Ig λ Rearrangements. <i>Journal of Experimental Medicine</i> , 2003, 197, 1165-1172.	8.5	20
24	The histone variant macroH2A1 is a splicing-modulated caretaker of genome integrity and tumor growth. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1441629.	0.7	14
25	An age of fewer histones. <i>Nature Cell Biology</i> , 2010, 12, 1029-1031.	10.3	13
26	Encounters in Three Dimensions: How Nuclear Topology Shapes Genome Integrity. <i>Frontiers in Genetics</i> , 2021, 12, 746380.	2.3	4
27	Stop relaxing: How DNA damage-induced chromatin compaction may affect epigenetic integrity and disease. <i>Molecular and Cellular Oncology</i> , 2015, 2, e970952.	0.7	3
28	TET2 Activity Is Modulated By SIRT1-Mediated Protein Deacetylation: A Potential Therapeutic Target in Myelodysplastic Syndrome. <i>Blood</i> , 2016, 128, 1053-1053.	1.4	0