

Jean-pierre Quivy

List of Publications by Year in descending order

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41
papers

4,057
citations

236925

25
h-index

302126

39
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42
all docs

42
docs citations

42
times ranked

4931
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher-order structure in pericentric heterochromatin involves a distinct pattern of histone modification and an RNA component. <i>Nature Genetics</i> , 2002, 30, 329-334.	21.4	621
2	HIRA Is Critical for a Nucleosome Assembly Pathway Independent of DNA Synthesis. <i>Molecular Cell</i> , 2002, 9, 1091-1100.	9.7	374
3	A CAF-1â€œPCNA-Mediated Chromatin Assembly Pathway Triggered by Sensing DNA Damage. <i>Molecular and Cellular Biology</i> , 2000, 20, 1206-1218.	2.3	294
4	Histone Chaperones: Assisting Histone Traffic and Nucleosome Dynamics. <i>Annual Review of Biochemistry</i> , 2014, 83, 487-517.	11.1	258
5	Human Asf1 Regulates the Flow of S Phase Histones during Replicational Stress. <i>Molecular Cell</i> , 2005, 17, 301-311.	9.7	241
6	Mouse Rif1 is a key regulator of the replication-timing programme in mammalian cells. <i>EMBO Journal</i> , 2012, 31, 3678-3690.	7.8	221
7	The HP1â€œCAF1â€œSetDB1â€œcontaining complex provides H3K9me1 for Suv39â€œmediated K9me3 in pericentric heterochromatin. <i>EMBO Reports</i> , 2009, 10, 769-775.	4.5	201
8	An epigenetic silencing pathway controlling T helper 2 cell lineage commitment. <i>Nature</i> , 2012, 487, 249-253.	27.8	199
9	SUMOylation promotes de novo targeting of HP1â€œ to pericentric heterochromatin. <i>Nature Genetics</i> , 2011, 43, 220-227.	21.4	191
10	The epigenetic control of stemness in CD8 ⁺ T cell fate commitment. <i>Science</i> , 2018, 359, 177-186.	12.6	184
11	A CAF-1 dependent pool of HP1 during heterochromatin duplication. <i>EMBO Journal</i> , 2004, 23, 3516-3526.	7.8	159
12	Chromatin plasticity: A versatile landscape that underlies cell fate and identity. <i>Science</i> , 2018, 361, 1332-1336.	12.6	152
13	CAF-1 Is Essential for Heterochromatin Organization in Pluripotent Embryonic Cells. <i>PLoS Genetics</i> , 2006, 2, e181.	3.5	149
14	The HP1â€œp150/CAF-1 interaction is required for pericentric heterochromatin replication and S-phase progression in mouse cells. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 972-979.	8.2	127
15	The replication kinase Cdc7â€œDbf4 promotes the interaction of the p150 subunit of chromatin assembly factor 1 with proliferating cell nuclear antigen. <i>EMBO Reports</i> , 2006, 7, 817-823.	4.5	77
16	High-resolution visualization of H3 variants during replication reveals their controlled recycling. <i>Nature Communications</i> , 2018, 9, 3181.	12.8	74
17	Interplay between mismatch repair and chromatin assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1895-1900.	7.1	68
18	The SUMO protease SENP7 is a critical component to ensure HP1 enrichment at pericentric heterochromatin. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 458-460.	8.2	63

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19	The SENP7 SUMO-Protease Presents a Module of Two HP1 Interaction Motifs that Locks HP1 Protein at Pericentric Heterochromatin. <i>Cell Reports</i> , 2015, 10, 771-782.	6.4	40
20	Establishment of a replication fork barrier following induction of DNA binding in mammalian cells. <i>Cell Cycle</i> , 2014, 13, 1607-1616.	2.6	36
21	Compaction Kinetics on Single DNAs: Purified Nucleosome Reconstitution Systems versus Crude Extract. <i>Biophysical Journal</i> , 2005, 89, 3647-3659.	0.5	32
22	The histone chaperone Asf1 is dispensable for direct de novo histone deposition in <i>Xenopus</i> egg extracts. <i>Chromosoma</i> , 2007, 116, 487-496.	2.2	32
23	KAP1 facilitates reinstatement of heterochromatin after DNA replication. <i>Nucleic Acids Research</i> , 2018, 46, 8788-8802.	14.5	32
24	CAF-1 is required for efficient replication of euchromatic DNA in <i>Drosophila</i> larval endocycling cells. <i>Chromosoma</i> , 2009, 118, 235-248.	2.2	31
25	An improved protocol for genomic sequencing and footprinting by ligation-mediated PCR. <i>Nucleic Acids Research</i> , 1993, 21, 2779-2781.	14.5	29
26	The methyltransferase Suv39h1 links the SUMO pathway to HP1 \pm marking at pericentric heterochromatin. <i>Nature Communications</i> , 2016, 7, 12224.	12.8	27
27	The histone chaperone CAF-1 cooperates with the DNA methyltransferases to maintain <i>Cd4</i> silencing in cytotoxic T cells. <i>Genes and Development</i> , 2019, 33, 669-683.	5.9	27
28	The Architecture of the Heat-inducible <i>Drosophila</i> hsp27 Promoter in Nuclei. <i>Journal of Molecular Biology</i> , 1996, 256, 249-263.	4.2	26
29	HIRA-dependent boundaries between H3 variants shape early replication in mammals. <i>Molecular Cell</i> , 2022, 82, 1909-1923.e5.	9.7	12
30	CD8 ⁺ T cell responsiveness to anti-PD-1 is epigenetically regulated by Suv39h1 in melanomas. <i>Nature Communications</i> , 2022, 13, .	12.8	11
31	Solid phase technology improves coupled gel shift/footprinting analysis. <i>Nucleic Acids Research</i> , 1997, 25, 453-454.	14.5	10
32	Tetracycline-Regulated Gene Expression Switch in <i>Xenopus laevis</i> . <i>Experimental Cell Research</i> , 2000, 256, 392-399.	2.6	10
33	Tetratricopeptide repeat domain 7A is a nuclear factor that modulates transcription and chromatin structure. <i>Cell Discovery</i> , 2018, 4, 61.	6.7	10
34	CENP-A Subnuclear Localization Pattern as Marker Predicting Curability by Chemoradiation Therapy for Locally Advanced Head and Neck Cancer Patients. <i>Cancers</i> , 2021, 13, 3928.	3.7	10
35	Characterization of chromatin domains by 3D fluorescence microscopy: An automated methodology for quantitative analysis and nuclei screening. <i>BioEssays</i> , 2012, 34, 509-517.	2.5	9
36	CENP-A Regulation and Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	9

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37	Genomic Footprinting of Drosophila Embryo Nuclei by Linker Tag Selection LM-PCR. <i>Methods</i> , 1997, 11, 171-179.	3.8	5
38	Suv39h1 links the SUMO pathway to constitutive heterochromatin. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1225546.	0.7	4
39	Determination of Unknown Genomic Sequences Without Cloning. , 1996, 65, 119-132.		0
40	The SENP7 SUMO-Protease Presents a Module of Two HP1 Interaction Motifs that Locks HP1 Protein at Pericentric Heterochromatin. <i>Cell Reports</i> , 2016, 14, 2502.	6.4	0
41	Determination of Unknown Genomic Sequences Without Cloning. , 2003, , 373-383.		0