

Janet F Partridge

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

6,411
citations

257450

24
h-index

289244

40
g-index

43
all docs

43
docs citations

43
times ranked

7514
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective recognition of methylated lysine 9 on histone H3 by the HP1 chromo domain. <i>Nature</i> , 2001, 410, 120-124.	27.8	2,535
2	Characterization of Dicer-deficient murine embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12135-12140.	7.1	742
3	Requirement of Heterochromatin for Cohesion at Centromeres. <i>Science</i> , 2001, 294, 2539-2542.	12.6	583
4	The landscape of somatic mutations in epigenetic regulators across 1,000 paediatric cancer genomes. <i>Nature Communications</i> , 2014, 5, 3630.	12.8	342
5	A new component of the transcription factor DRTF1/E2F. <i>Nature</i> , 1993, 362, 83-87.	27.8	265
6	Dimerisation of a chromo shadow domain and distinctions from the chromodomain as revealed by structural analysis. <i>Current Biology</i> , 2000, 10, 517-525.	3.9	228
7	Distinct protein interaction domains and protein spreading in a complex centromere. <i>Genes and Development</i> , 2000, 14, 783-791.	5.9	219
8	cis-Acting DNA from Fission Yeast Centromeres Mediates Histone H3 Methylation and Recruitment of Silencing Factors and Cohesin to an Ectopic Site. <i>Current Biology</i> , 2002, 12, 1652-1660.	3.9	165
9	Centromere Silencing and Function in Fission Yeast Is Governed by the Amino Terminus of Histone H3. <i>Current Biology</i> , 2003, 13, 1748-1757.	3.9	123
10	Histone H3 Mutations: An Updated View of Their Role in Chromatin Deregulation and Cancer. <i>Cancers</i> , 2019, 11, 660.	3.7	105
11	High-Affinity Binding of Chp1 Chromodomain to K9 Methylated Histone H3 Is Required to Establish Centromeric Heterochromatin. <i>Molecular Cell</i> , 2009, 34, 36-46.	9.7	103
12	RNA Interference (RNAi)-Dependent and RNAi-Independent Association of the Chp1 Chromodomain Protein with Distinct Heterochromatic Loci in Fission Yeast. <i>Molecular and Cellular Biology</i> , 2005, 25, 2331-2346.	2.3	80
13	Plasticity of Fission Yeast CENP-A Chromatin Driven by Relative Levels of Histone H3 and H4. <i>PLoS Genetics</i> , 2007, 3, e121.	3.5	78
14	Histone H3 mutationsâ€™ a special role for H3.3 in tumorigenesis?. <i>Chromosoma</i> , 2015, 124, 177-189.	2.2	77
15	Functional Separation of the Requirements for Establishment and Maintenance of Centromeric Heterochromatin. <i>Molecular Cell</i> , 2007, 26, 593-602.	9.7	74
16	Sir2 is required for Clr4 to initiate centromeric heterochromatin assembly in fission yeast. <i>EMBO Journal</i> , 2013, 32, 2321-2335.	7.8	68
17	Cancer-Associated Mutants of RNA Helicase DDX3X Are Defective in RNA-Stimulated ATP Hydrolysis. <i>Journal of Molecular Biology</i> , 2015, 427, 1779-1796.	4.2	66
18	Cell Cycle-dependent Transcription of CLN1 Involves Swi4 Binding to MCB-like Elements. <i>Journal of Biological Chemistry</i> , 1997, 272, 9071-9077.	3.4	52

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19	SHREC Silences Heterochromatin via Distinct Remodeling and Deacetylation Modules. <i>Molecular Cell</i> , 2016, 62, 207-221.	9.7	45
20	Chp1-Tas3 Interaction Is Required To Recruit RITS to Fission Yeast Centromeres and for Maintenance of Centromeric Heterochromatin. <i>Molecular and Cellular Biology</i> , 2008, 28, 2154-2166.	2.3	42
21	The Chp1-Tas3 core is a multifunctional platform critical for gene silencing by RITS. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1351-1357.	8.2	38
22	RITS-connecting transcription, RNA interference, and heterochromatin assembly in fission yeast. <i>Wiley Interdisciplinary Reviews RNA</i> , 2011, 2, 632-646.	6.4	38
23	Histone H3G34R mutation causes replication stress, homologous recombination defects and genomic instability in <i>S. pombe</i> . <i>ELife</i> , 2017, 6, .	6.0	36
24	<i>Schizosaccharomyces pombe</i> Git7p, a Member of the <i>Saccharomyces cerevisiae</i> Sgt1p Family, Is Required for Glucose and Cyclic AMP Signaling, Cell Wall Integrity, and Septation. <i>Eukaryotic Cell</i> , 2002, 1, 558-567.	3.4	35
25	The Mi-2 Homolog Mit1 Actively Positions Nucleosomes within Heterochromatin To Suppress Transcription. <i>Molecular and Cellular Biology</i> , 2014, 34, 2046-2061.	2.3	29
26	H3K9me-Independent Gene Silencing in Fission Yeast Heterochromatin by Clr5 and Histone Deacetylases. <i>PLoS Genetics</i> , 2011, 7, e1001268.	3.5	28
27	Centromeric heterochromatin assembly in fission yeast-balancing transcription, RNA interference and chromatin modification. <i>Chromosome Research</i> , 2012, 20, 521-534.	2.2	28
28	Genetic characterisation of <i>hda1+</i> , a putative fission yeast histone deacetylase gene. <i>Nucleic Acids Research</i> , 1998, 26, 3247-3254.	14.5	25
29	Continuous Requirement for the Clr4 Complex But Not RNAi for Centromeric Heterochromatin Assembly in Fission Yeast Harboring a Disrupted RITS Complex. <i>PLoS Genetics</i> , 2010, 6, e1001174.	3.5	24
30	Hotspots for Vitamin-Steroid-Thyroid Hormone Response Elements Within Switch Regions of Immunoglobulin Heavy Chain Loci Predict a Direct Influence of Vitamins and Hormones on B Cell Class Switch Recombination. <i>Viral Immunology</i> , 2016, 29, 132-136.	1.3	23
31	Abo1, a conserved bromodomain AAA-ATPase, maintains global nucleosome occupancy and organisation. <i>EMBO Reports</i> , 2016, 17, 79-93.	4.5	22
32	Surprising phenotypic diversity of cancer-associated mutations of Gly 34 in the histone H3 tail. <i>ELife</i> , 2021, 10, .	6.0	22
33	Vitamin A differentially regulates cytokine expression in respiratory epithelial and macrophage cell lines. <i>Cytokine</i> , 2017, 91, 1-5.	3.2	21
34	NSD1 mediates antagonism between SWI/SNF and polycomb complexes and is required for transcriptional activation upon EZH2 inhibition. <i>Molecular Cell</i> , 2022, 82, 2472-2489.e8.	9.7	18
35	Cdk1 phosphorylation of the kinetochore protein Nsk1 prevents error-prone chromosome segregation. <i>Journal of Cell Biology</i> , 2011, 195, 583-593.	5.2	12
36	Centromeric chromatin in fission yeast. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3896.	3.0	8

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37	DNA Damage Response Checkpoint Activation Drives KP1019 Dependent Pre-Anaphase Cell Cycle Delay in <i>S. cerevisiae</i> . PLoS ONE, 2015, 10, e0138085.	2.5	8
38	Subtelomeric Chromatin in the Fission Yeast <i>S. pombe</i> . Microorganisms, 2021, 9, 1977.	3.6	2
39	Spreading the Silence. Developmental Cell, 2009, 16, 630-632.	7.0	1
40	Should I Stay or Should I Go? Chromodomain Proteins Seal the Fate of Heterochromatic Transcripts in Fission Yeast. Molecular Cell, 2012, 47, 153-155.	9.7	1