

Barbara G Mellone

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,890
citations

361413

20
h-index

454955

30
g-index

49
all docs

49
docs citations

49
times ranked

1893
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a physiological E2 module for the human anaphase-promoting complex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18213-18218.	7.1	259
2	Genome-wide analysis reveals a cell cycle-dependent mechanism controlling centromere propagation. Journal of Cell Biology, 2008, 183, 805-818.	5.2	172
3	Assembly of Drosophila Centromeric Chromatin Proteins during Mitosis. PLoS Genetics, 2011, 7, e1002068.	3.5	135
4	CAL1 is the <i>Drosophila</i> CENP-A assembly factor. Journal of Cell Biology, 2014, 204, 313-329.	5.2	128
5	Islands of retroelements are major components of Drosophila centromeres. PLoS Biology, 2019, 17, e3000241.	5.6	124
6	Centromere Silencing and Function in Fission Yeast Is Governed by the Amino Terminus of Histone H3. Current Biology, 2003, 13, 1748-1757.	3.9	123
7	Establishment of Centromeric Chromatin by the CENP-A Assembly Factor CAL1 Requires FACT-Mediated Transcription. Developmental Cell, 2015, 34, 73-84.	7.0	113
8	Stepwise Evolution of Essential Centromere Function in a <i>Drosophila</i> Neogene. Science, 2013, 340, 1211-1214.	12.6	94
9	Stretching it: putting the CEN(P-A) in centromere. Current Opinion in Genetics and Development, 2003, 13, 191-198.	3.3	90
10	The Domain Structure of Centromeres Is Conserved from Fission Yeast to Humans. Molecular Biology of the Cell, 2001, 12, 2767-2775.	2.1	83
11	Plasticity of Fission Yeast CENP-A Chromatin Driven by Relative Levels of Histone H3 and H4. PLoS Genetics, 2007, 3, e121.	3.5	78
12	Centromeres Drive a Hard Bargain. Trends in Genetics, 2017, 33, 101-117.	6.7	57
13	Analysis of chromatin in fission yeast. Methods, 2004, 33, 252-259.	3.8	53
14	Diverse mechanisms of centromere specification. Current Biology, 2021, 31, R1491-R1504.	3.9	47
15	A Genome-Wide Screen Identifies Genes That Affect Somatic Homolog Pairing in <i>Drosophila</i> . G3: Genes, Genomes, Genetics, 2012, 2, 731-740.	1.8	39
16	Co-evolving CENP-A and CAL1 Domains Mediate Centromeric CENP-A Deposition across Drosophila Species. Developmental Cell, 2016, 37, 136-147.	7.0	38
17	Esperanto for histones: CENP-A, not CenH3, is the centromeric histone H3 variant. Chromosome Research, 2013, 21, 101-106.	2.2	37
18	Evolutionary insights into the role of the essential centromere protein CAL1 in Drosophila. Chromosome Research, 2012, 20, 493-504.	2.2	35

#	ARTICLE	IF	CITATIONS
19	Chromatin assembly: Journey to the CENTER of the chromosome. <i>Journal of Cell Biology</i> , 2016, 214, 13-24.	5.2	31
20	Targeted De Novo Centromere Formation in <i>Drosophila</i> Reveals Plasticity and Maintenance Potential of CENP-A Chromatin. <i>Developmental Cell</i> , 2020, 52, 379-394.e7.	7.0	26
21	The ABCs of centromeres. <i>Nature Cell Biology</i> , 2006, 8, 427-429.	10.3	22
22	Structures of CENP-C cupin domains at regional centromeres reveal unique patterns of dimerization and recruitment functions for the inner pocket. <i>Journal of Biological Chemistry</i> , 2019, 294, 14119-14134.	3.4	18
23	A Role for the CAL1-Partner Modulo in Centromere Integrity and Accurate Chromosome Segregation in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e45094.	2.5	17
24	A Specialized Nucleosome Has a "Point" to Make. <i>Cell</i> , 2007, 129, 1047-1049.	28.9	15
25	Frodos Found: Behold the CENP-A "Ring" Bearers. <i>Cell</i> , 2009, 137, 409-412.	28.9	14
26	Enrichment of Non-B-Form DNA at <i>D. melanogaster</i> Centromeres. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	12
27	Structural and temporal regulation of centromeric chromatinThis paper is one of a selection of papers published in this Special Issue, entitled 29th Annual International Asilomar Chromatin and Chromosomes Conference, and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2009, 87, 255-264.	2.0	8
28	Acute sensitization of colon cancer cells to inflammatory cytokines by prophase arrest. <i>Biochemical Pharmacology</i> , 2012, 83, 1217-1228.	4.4	7
29	Interchromosomal interaction of homologous Stat92E alleles regulates transcriptional switch during stem-cell differentiation. <i>Nature Communications</i> , 2022, 13, .	12.8	6
30	Starting from scratch: <i>de novo</i> kinetochore assembly in vertebrates. <i>EMBO Journal</i> , 2011, 30, 3882-3884.	7.8	1
31	Winged migration. <i>Molecular Biology of the Cell</i> , 2016, 27, 3197-3199.	2.1	0
32	The KAT's Out of the Bag: Histone Acetylation Promotes Centromere Assembly. <i>Developmental Cell</i> , 2016, 37, 389-390.	7.0	0