

Phillip B Carpenter

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

4,303
citations

304743

22
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

5345
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the language of Lys36 methylation at histone H3. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 115-126.	37.0	782
2	DNA damage-induced G2â€M checkpoint activation by histone H2AX and 53BP1. <i>Nature Cell Biology</i> , 2002, 4, 993-997.	10.3	601
3	53BP1, a Mediator of the DNA Damage Checkpoint. <i>Science</i> , 2002, 298, 1435-1438.	12.6	528
4	The <i>Xenopus</i> Cdc6 Protein Is Essential for the Initiation of a Single Round of DNA Replication in Cell-Free Extracts. <i>Cell</i> , 1996, 87, 53-63.	28.9	377
5	53BP1 links DNA damage-response pathways to immunoglobulin heavy chain class-switch recombination. <i>Nature Immunology</i> , 2004, 5, 481-487.	14.5	305
6	H2AX Prevents DNA Breaks from Progressing to Chromosome Breaks and Translocations. <i>Molecular Cell</i> , 2006, 21, 201-214.	9.7	258
7	Role for a <i>Xenopus</i> Orc2-related protein in controlling DNA replication. <i>Nature</i> , 1996, 379, 357-360.	27.8	210
8	Regulation of DNA Repair through DeSUMOylation and SUMOylation of Replication Protein A Complex. <i>Molecular Cell</i> , 2010, 39, 333-345.	9.7	185
9	The function of classical and alternative non-homologous end-joining pathways in the fusion of dysfunctional telomeres. <i>EMBO Journal</i> , 2010, 29, 2598-2610.	7.8	158
10	Catalytic Function of the PR-Set7 Histone H4 Lysine 20 Methyltransferase Is Essential for Mitotic Entry and Genomic Stability. <i>Journal of Biological Chemistry</i> , 2008, 283, 19478-19488.	3.4	137
11	Role for the nuclear receptor-binding SET domain protein 1 (NSD1) methyltransferase in coordinating lysine 36 methylation at histone 3 with RNA polymerase II function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16952-16957.	7.1	126
12	Role for the BRCA1 C-terminal Repeats (BRCT) Protein 53BP1 in Maintaining Genomic Stability. <i>Journal of Biological Chemistry</i> , 2003, 278, 14971-14977.	3.4	122
13	Negative Cell Cycle Regulation and DNA Damage-inducible Phosphorylation of the BRCT Protein 53BP1. <i>Journal of Biological Chemistry</i> , 2001, 276, 2708-2718.	3.4	83
14	53BP1 and p53 synergize to suppress genomic instability and lymphomagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3310-3315.	7.1	72
15	53BP1 Oligomerization is Independent of its Methylation by PRMT1. <i>Cell Cycle</i> , 2005, 4, 1854-1861.	2.6	66
16	flhF, a <i>Bacillus subtilis</i> flagellar gene that encodes a putative GTP-binding protein. <i>Molecular Microbiology</i> , 1992, 6, 2705-2713.	2.5	59
17	<i>Bacillus subtilis</i> FlhA: a flagellar protein related to a new family of signal-transducing receptors. <i>Molecular Microbiology</i> , 1993, 7, 735-743.	2.5	53
18	hSnm1 Colocalizes and Physically Associates with 53BP1 before and after DNA Damage. <i>Molecular and Cellular Biology</i> , 2002, 22, 8635-8647.	2.3	45

#	ARTICLE	IF	CITATIONS
19	Bacillus subtilis flagellar proteins FliP, FliQ, FliR and FliB are related to Shigella flexneri virulence factors. <i>Gene</i> , 1993, 137, 243-245.	2.2	37
20	53BP1 Contributes to <i>Igh</i> Locus Chromatin Topology during Class Switch Recombination. <i>Journal of Immunology</i> , 2017, 198, 2434-2444.	0.8	29
21	Identification of a Novel 81-kDa Component of the Xenopus Origin Recognition Complex. <i>Journal of Biological Chemistry</i> , 1998, 273, 24891-24897.	3.4	27
22	An open and shut case for the role of NSD proteins as oncogenes. <i>Transcription</i> , 2011, 2, 158-161.	3.1	25
23	A putative ATP-binding protein from the <i>fla</i> locus of <i>Bacillus subtilis</i> . <i>DNA Sequence</i> , 1994, 4, 271-275.	0.7	7
24	Breaking in a New Function for Casein Kinase 2. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2004, 2004, pe24-pe24.	0.8	7
25	Improved performance in and preference for using thinkpairshare in a flipped classroom. <i>Medical Education</i> , 2020, 54, 449-450.	2.1	4