

Catherine M Green

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

14,392
citations

101496

36
h-index

143943

57
g-index

62
all docs

62
docs citations

62
times ranked

21491
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and efficacy of the ChAdOx1 nCoV-19 vaccine (AZD1222) against SARS-CoV-2: an interim analysis of four randomised controlled trials in Brazil, South Africa, and the UK. <i>Lancet, The</i> , 2021, 397, 99-111.	6.3	3,887
2	Safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2: a preliminary report of a phase 1/2, single-blind, randomised controlled trial. <i>Lancet, The</i> , 2020, 396, 467-478.	6.3	2,080
3	Safety and immunogenicity of ChAdOx1 nCoV-19 vaccine administered in a prime-boost regimen in young and old adults (COV002): a single-blind, randomised, controlled, phase 2/3 trial. <i>Lancet, The</i> , 2020, 396, 1979-1993.	6.3	1,196
4	Single-dose administration and the influence of the timing of the booster dose on immunogenicity and efficacy of ChAdOx1 nCoV-19 (AZD1222) vaccine: a pooled analysis of four randomised trials. <i>Lancet, The</i> , 2021, 397, 881-891.	6.3	979
5	Ubiquitin-Binding Domains in Y-Family Polymerases Regulate Translesion Synthesis. <i>Science</i> , 2005, 310, 1821-1824.	6.0	637
6	Efficacy of ChAdOx1 nCoV-19 (AZD1222) vaccine against SARS-CoV-2 variant of concern 202012/01 (B.1.1.7): an exploratory analysis of a randomised controlled trial. <i>Lancet, The</i> , 2021, 397, 1351-1362.	6.3	540
7	T cell and antibody responses induced by a single dose of ChAdOx1 nCoV-19 (AZD1222) vaccine in a phase 1/2 clinical trial. <i>Nature Medicine</i> , 2021, 27, 270-278.	15.2	473
8	Translesion synthesis: Y-family polymerases and the polymerase switch. <i>DNA Repair</i> , 2007, 6, 891-899.	1.3	335
9	Budding Yeast Rad9 Is an ATP-Dependent Rad53 Activating Machine. <i>Molecular Cell</i> , 2001, 8, 129-136.	4.5	277
10	Phase 1/2 trial of SARS-CoV-2 vaccine ChAdOx1 nCoV-19 with a booster dose induces multifunctional antibody responses. <i>Nature Medicine</i> , 2021, 27, 279-288.	15.2	265
11	A novel Rad24 checkpoint protein complex closely related to replication factor C. <i>Current Biology</i> , 2000, 10, 39-42.	1.8	251
12	53BP1 cooperation with the REV7 α "shieldin complex underpins DNA structure-specific NHEJ. <i>Nature</i> , 2018, 560, 122-127.	13.7	222
13	Reactogenicity and immunogenicity after a late second dose or a third dose of ChAdOx1 nCoV-19 in the UK: a substudy of two randomised controlled trials (COV001 and COV002). <i>Lancet, The</i> , 2021, 398, 981-990.	6.3	214
14	A Role for Polymerase η in the Cellular Tolerance to Cisplatin-Induced Damage. <i>Cancer Research</i> , 2005, 65, 9799-9806.	0.4	198
15	Re-engineering the zinc fingers of PRDM9 reverses hybrid sterility in mice. <i>Nature</i> , 2016, 530, 171-176.	13.7	194
16	When repair meets chromatin. <i>EMBO Reports</i> , 2002, 3, 28-33.	2.0	192
17	Safety and immunogenicity of the ChAdOx1 nCoV-19 (AZD1222) vaccine against SARS-CoV-2 in HIV infection: a single-arm substudy of a phase 2/3 clinical trial. <i>Lancet HIV</i> , 2021, 8, e474-e485.	2.1	190
18	Transplanted photoreceptor precursors transfer proteins to host photoreceptors by a mechanism of cytoplasmic fusion. <i>Nature Communications</i> , 2016, 7, 13537.	5.8	180

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19	Maintenance of Silent Chromatin through Replication Requires SWI/SNF-like Chromatin Remodeler SMARCAD1. <i>Molecular Cell</i> , 2011, 42, 285-296.	4.5	156
20	Regulation of proliferating cell nuclear antigen ubiquitination in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16125-16130.	3.3	155
21	Local action of the chromatin assembly factor CAF-1 at sites of nucleotide excision repair in vivo. <i>EMBO Journal</i> , 2003, 22, 5163-5174.	3.5	149
22	Regulation of Translesion Synthesis DNA Polymerase ϵ by Monoubiquitination. <i>Molecular Cell</i> , 2010, 37, 396-407.	4.5	148
23	Postreplication Repair and PCNA Modification in <i>Schizosaccharomyces pombe</i> . <i>Molecular Biology of the Cell</i> , 2006, 17, 2976-2985.	0.9	120
24	Native-like SARS-CoV-2 Spike Glycoprotein Expressed by ChAdOx1 nCoV-19/AZD1222 Vaccine. <i>ACS Central Science</i> , 2021, 7, 594-602.	5.3	118
25	Spatial separation of Xist RNA and polycomb proteins revealed by superresolution microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2235-2240.	3.3	91
26	The non-canonical SMC protein SmcHD1 antagonises TAD formation and compartmentalisation on the inactive X chromosome. <i>Nature Communications</i> , 2019, 10, 30.	5.8	87
27	The Configuration of RPA, RAD51, and DMC1 Binding in Meiosis Reveals the Nature of Critical Recombination Intermediates. <i>Molecular Cell</i> , 2020, 79, 689-701.e10.	4.5	87
28	Hypomorphic PCNA mutation underlies a human DNA repair disorder. <i>Journal of Clinical Investigation</i> , 2014, 124, 3137-3146.	3.9	77
29	Analysis of replication factories in human cells by super-resolution light microscopy. <i>BMC Cell Biology</i> , 2009, 10, 88.	3.0	75
30	ATR-mediated phosphorylation of DNA polymerase ϵ is needed for efficient recovery from UV damage. <i>Journal of Cell Biology</i> , 2011, 192, 219-227.	2.3	73
31	Effect of Proliferating Cell Nuclear Antigen Ubiquitination and Chromatin Structure on the Dynamic Properties of the Y-family DNA Polymerases. <i>Molecular Biology of the Cell</i> , 2008, 19, 5193-5202.	0.9	70
32	Targeting TRIM37-driven centrosome dysfunction in 17q23-amplified breast cancer. <i>Nature</i> , 2020, 585, 447-452.	13.7	63
33	A living biobank of ovarian cancer ex vivo models reveals profound mitotic heterogeneity. <i>Nature Communications</i> , 2020, 11, 822.	5.8	62
34	Repairing DNA damage in chromatin. <i>Biochimie</i> , 2003, 85, 1133-1147.	1.3	60
35	CRISPR-Cas9 Causes Chromosomal Instability and Rearrangements in Cancer Cell Lines, Detectable by Cytogenetic Methods. <i>CRISPR Journal</i> , 2019, 2, 406-416.	1.4	51
36	Repo-Man/PP1 regulates heterochromatin formation in interphase. <i>Nature Communications</i> , 2017, 8, 14048.	5.8	46

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37	Manufacturing a chimpanzee adenovirusâ€¢vectored SARSâ€¢CoVâ€¢2 vaccine to meet global needs. <i>Biotechnology and Bioengineering</i> , 2022, 119, 48-58.	1.7	38
38	Migration through physical constraints is enabled by MAPK-induced cell softening via actin cytoskeleton re-organization. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	37
39	Specific Mechanisms of Chromosomal Instability Indicate Therapeutic Sensitivities in High-Grade Serous Ovarian Carcinoma. <i>Cancer Research</i> , 2020, 80, 4946-4959.	0.4	34
40	ZCWPW1 is recruited to recombination hotspots by PRDM9 and is essential for meiotic double strand break repair. <i>ELife</i> , 2020, 9, .	2.8	31
41	The p38Î± Stress Kinase Suppresses Aneuploidy Tolerance by Inhibiting Hif-1Î±. <i>Cell Reports</i> , 2018, 25, 749-760.e6.	2.9	26
42	Ubiquitin-binding motif of human DNA polymerase Î± is required for correct localization: Fig. 1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, E20-E20.	3.3	25
43	Language impairment in a case of a complex chromosomal rearrangement with a breakpoint downstream of FOXP2. <i>Molecular Cytogenetics</i> , 2015, 8, 36.	0.4	25
44	The budding yeast Rad9 checkpoint complex: chaperone proteins are required for its function. <i>EMBO Reports</i> , 2003, 4, 953-958.	2.0	23
45	Endogenous aldehyde accumulation generates genotoxicity and exhaled biomarkers in esophageal adenocarcinoma. <i>Nature Communications</i> , 2021, 12, 1454.	5.8	20
46	A fluorescent bimolecular complementation screen reveals MAF1, RNF7 and SETD3 as PCNA-associated proteins in human cells. <i>Cell Cycle</i> , 2015, 14, 2509-2519.	1.3	19
47	Ubiquitin-PCNA fusion as a mimic for mono-ubiquitinated PCNA in <i>Schizosaccharomyces pombe</i> . <i>DNA Repair</i> , 2010, 9, 777-784.	1.3	13
48	PCNA dependent cellular activities tolerate dramatic perturbations in PCNA client interactions. <i>DNA Repair</i> , 2017, 50, 22-35.	1.3	12
49	When the genome bluffs: a tandem duplication event during generation of a novel Agmo knockout mouse model fools routine genotyping. <i>Cell and Bioscience</i> , 2021, 11, 54.	2.1	12
50	Multiple Approaches to Study <i>S. cerevisiae</i> Rad9, a Prototypical Checkpoint Protein. <i>Methods in Enzymology</i> , 2006, 409, 131-150.	0.4	9
51	PCNA mutation affects DNA repair not replication. <i>Cell Cycle</i> , 2014, 13, 3157-3158.	1.3	8
52	Genomic Instability Is an Early Event in Aluminium-Induced Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9332.	1.8	8
53	The RS4;11 cell line as a model for leukaemia with t(4;11)(q21;q23): Revised characterisation of cytogenetic features. <i>Cancer Reports</i> , 2019, 2, e1207.	0.6	7
54	Aluminum Enters Mammalian Cells and Destabilizes Chromosome Structure and Number. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9515.	1.8	7

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55	RNA-seq analysis of the human surfactant air-liquid interface culture reveals alveolar type II cell-like transcriptome. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 62-70.	1.8	3
56	Purification and Analysis of Checkpoint Protein Complexes From <i>Saccharomyces cerevisiae</i> . , 2004, 280, 291-306.		1
57	A novel Rad24 checkpoint protein complex closely related to replication factor C. <i>Current Biology</i> , 2000, 10, R171.	1.8	0