Catherine M Green

List of Publications by Year
in descending order

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57 papers	14,392 citations	101384 36 h-index	143772 57 g-index
62 all docs	62 docs citations	62 times ranked	21491 citing authors

#	Article	IF	Citations
1	Manufacturing a chimpanzee adenovirusâ€vectored SARSâ€CoVâ€2 vaccine to meet global needs. Biotechnology and Bioengineering, 2022, 119, 48-58.	1.7	38
2	RNA-seq analysis of the human surfactant air-liquid interface culture reveals alveolar type II cell-like transcriptome. Molecular Therapy - Methods and Clinical Development, 2022, 24, 62-70.	1.8	3
3	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. Lancet, The, 2021, 397, 99-111.	6.3	3,887
4	Phase 1/2 trial of SARS-CoV-2 vaccine ChAdOx1 nCoV-19 with a booster dose induces multifunctional antibody responses. Nature Medicine, 2021, 27, 279-288.	15.2	265
5	T cell and antibody responses induced by a single dose of ChAdOx1 nCoV-19 (AZD1222) vaccine in a phase 1/2 clinical trial. Nature Medicine, 2021, 27, 270-278.	15.2	473
6	When the genome bluffs: a tandem duplication event during generation of a novel Agmo knockout mouse model fools routine genotyping. Cell and Bioscience, 2021, 11, 54.	2.1	12
7	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. Lancet, The, 2021, 397, 881-891.	6.3	979
8	Endogenous aldehyde accumulation generates genotoxicity and exhaled biomarkers in esophageal adenocarcinoma. Nature Communications, 2021, 12, 1454.	5.8	20
9	Native-like SARS-CoV-2 Spike Glycoprotein Expressed by ChAdOx1 nCoV-19/AZD1222 Vaccine. ACS Central Science, 2021, 7, 594-602.	5.3	118
10	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. Lancet, The, 2021, 397, 1351-1362.	6.3	540
11	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. Lancet HIV,the, 2021, 8, e474-e485.	2.1	190
12	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). Lancet, The, 2021, 398, 981-990.	6.3	214
13	Aluminum Enters Mammalian Cells and Destabilizes Chromosome Structure and Number. International Journal of Molecular Sciences, 2021, 22, 9515.	1.8	7
14	Specific Mechanisms of Chromosomal Instability Indicate Therapeutic Sensitivities in High-Grade Serous Ovarian Carcinoma. Cancer Research, 2020, 80, 4946-4959.	0.4	34
15	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. Lancet, The, 2020, 396, 467-478.	6.3	2,080
16	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. Lancet, The, 2020, 396, 1979-1993.	6.3	1,196
17	Targeting TRIM37-driven centrosome dysfunction in 17q23-amplified breast cancer. Nature, 2020, 585, 447-452.	13.7	63
18	Genomic Instability Is an Early Event in Aluminium-Induced Tumorigenesis. International Journal of Molecular Sciences, 2020, 21, 9332.	1.8	8

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19	The Configuration of RPA, RAD51, and DMC1 Binding in Meiosis Reveals the Nature of Critical Recombination Intermediates. Molecular Cell, 2020, 79, 689-701.e10.	4.5	87
20	A living biobank of ovarian cancer ex vivo models reveals profound mitotic heterogeneity. Nature Communications, 2020, 11, 822.	5.8	62
21	ZCWPW1 is recruited to recombination hotspots by PRDM9 and is essential for meiotic double strand break repair. ELife, 2020, 9, .	2.8	31
22	Migration through physical constraints is enabled by MAPK-induced cell softening via actin cytoskeleton re-organization. Journal of Cell Science, 2019, 132, .	1.2	37
23	CRISPR-Cas9 Causes Chromosomal Instability and Rearrangements in Cancer Cell Lines, Detectable by Cytogenetic Methods. CRISPR Journal, 2019, 2, 406-416.	1.4	51
24	The RS4;11 cell line as a model for leukaemia with t(4;11)(q21;q23): Revised characterisation of cytogenetic features. Cancer Reports, 2019, 2, e1207.	0.6	7
25	The non-canonical SMC protein SmcHD1 antagonises TAD formation and compartmentalisation on the inactive X chromosome. Nature Communications, 2019, 10, 30.	5.8	87
26	The p38Î± Stress Kinase Suppresses Aneuploidy Tolerance by Inhibiting Hif-1Î±. Cell Reports, 2018, 25, 749-760.e6.	2.9	26
27	53BP1 cooperation with the REV7â€“shieldin complex underpins DNA structure-specific NHEJ. Nature, 2018, 560, 122-127.	13.7	222
28	Repo-Man/PP1 regulates heterochromatin formation in interphase. Nature Communications, 2017, 8, 14048.	5.8	46
29	PCNA dependent cellular activities tolerate dramatic perturbations in PCNA client interactions. DNA Repair, 2017, 50, 22-35.	1.3	12
30	Transplanted photoreceptor precursors transfer proteins to host photoreceptors by a mechanism of cytoplasmic fusion. Nature Communications, 2016, 7, 13537.	5.8	180
31	Re-engineering the zinc fingers of PRDM9 reverses hybrid sterility in mice. Nature, 2016, 530, 171-176.	13.7	194
32	A fluorescent bimolecular complementation screen reveals MAF1, RNF7 and SETD3 as PCNA-associated proteins in human cells. Cell Cycle, 2015, 14, 2509-2519.	1.3	19
33	Language impairment in a case of a complex chromosomal rearrangement with a breakpoint downstream of FOXP2. Molecular Cytogenetics, 2015, 8, 36.	0.4	25
34	PCNA mutation affects DNA repair not replication. Cell Cycle, 2014, 13, 3157-3158.	1.3	8
35	Spatial separation of Xist RNA and polycomb proteins revealed by superresolution microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2235-2240.	3.3	91
36	Hypomorphic PCNA mutation underlies a human DNA repair disorder. Journal of Clinical Investigation, 2014, 124, 3137-3146.	3.9	77

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37	Maintenance of Silent Chromatin through Replication Requires SWI/SNF-like Chromatin Remodeler SMARCAD1. Molecular Cell, 2011, 42, 285-296.	4.5	156
38	ATR-mediated phosphorylation of DNA polymerase Î· is needed for efficient recovery from UV damage. Journal of Cell Biology, 2011, 192, 219-227.	2.3	73
39	Ubiquitin-PCNA fusion as a mimic for mono-ubiquitinated PCNA in Schizosaccharomyces pombe. DNA Repair, 2010, 9, 777-784.	1.3	13
40	Regulation of Translesion Synthesis DNA Polymerase Î· by Monoubiquitination. Molecular Cell, 2010, 37, 396-407.	4.5	148
41	Ubiquitin-binding motif of human DNA polymerase Î· is required for correct localization: Fig. 1.. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E20-E20.	3.3	25
42	Analysis of replication factories in human cells by super-resolution light microscopy. BMC Cell Biology, 2009, 10, 88.	3.0	75
43	Regulation of proliferating cell nuclear antigen ubiquitination in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16125-16130.	3.3	155
44	Effect of Proliferating Cell Nuclear Antigen Ubiquitination and Chromatin Structure on the Dynamic Properties of the Y-family DNA Polymerases. Molecular Biology of the Cell, 2008, 19, 5193-5202.	0.9	70
45	Translesion synthesis: Y-family polymerases and the polymerase switch. DNA Repair, 2007, 6, 891-899.	1.3	335
46	Postreplication Repair and PCNA Modification in Schizosaccharomyces pombe. Molecular Biology of the Cell, 2006, 17, 2976-2985.	0.9	120
47	Multiple Approaches to Study S. cerevisiae Rad9, a Prototypical Checkpoint Protein. Methods in Enzymology, 2006, 409, 131-150.	0.4	9
48	A Role for Polymerase Î· in the Cellular Tolerance to Cisplatin-Induced Damage. Cancer Research, 2005, 65, 9799-9806.	0.4	198
49	Ubiquitin-Binding Domains in Y-Family Polymerases Regulate Translesion Synthesis. Science, 2005, 310, 1821-1824.	6.0	637
50	Purification and Analysis of Checkpoint Protein Complexes From <I>Saccharomyces cerevisiae</I>. , 2004, 280, 291-306.		1
51	Local action of the chromatin assembly factor CAF-1 at sites of nucleotide excision repair in vivo. EMBO Journal, 2003, 22, 5163-5174.	3.5	149
52	The budding yeast Rad9 checkpoint complex: chaperone proteins are required for its function. EMBO Reports, 2003, 4, 953-958.	2.0	23
53	Repairing DNA damage in chromatin. Biochimie, 2003, 85, 1133-1147.	1.3	60
54	When repair meets chromatin. EMBO Reports, 2002, 3, 28-33.	2.0	192

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55	Budding Yeast Rad9 Is an ATP-Dependent Rad53 Activating Machine. Molecular Cell, 2001, 8, 129-136.	4.5	277
56	A novel Rad24 checkpoint protein complex closely related to replication factor C. Current Biology, 2000, 10, R171.	1.8	0
57	A novel Rad24 checkpoint protein complex closely related to replication factor C. Current Biology, 2000, 10, 39-42.	1.8	251