

Lynne S Cox

List of Publications by Citations

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37
papers

1,941
citations

20
h-index

44
g-index

49
ext. papers

2,146
ext. citations

6.4
avg, IF

4.95
L-index

#	Paper	IF	Citations
37	Two pathways for base excision repair in mammalian cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 9573-8	5.4	393
36	Tumour suppressors, kinases and clamps: how p53 regulates the cell cycle in response to DNA damage. <i>BioEssays</i> , 1995 , 17, 501-8	4.1	279
35	A small peptide inhibitor of DNA replication defines the site of interaction between the cyclin-dependent kinase inhibitor p21WAF1 and proliferating cell nuclear antigen. <i>Current Biology</i> , 1995 , 5, 275-82	6.3	258
34	Homologous regions of Fen1 and p21Cip1 compete for binding to the same site on PCNA: a potential mechanism to co-ordinate DNA replication and repair. <i>Oncogene</i> , 1997 , 14, 2313-21	9.2	140
33	Asymmetry of DNA replication fork progression in Werner's syndrome. <i>Aging Cell</i> , 2002 , 1, 30-9	9.9	102
32	Multiple pathways control cell growth and transformation: overlapping and independent activities of p53 and p21Cip1/WAF1/Sdi1. <i>Journal of Pathology</i> , 1997 , 183, 134-40	9.4	85
31	The role of cellular senescence in ageing of the placenta. <i>Placenta</i> , 2017 , 52, 139-145	3.4	79
30	Suppression of the senescence-associated secretory phenotype (SASP) in human fibroblasts using small molecule inhibitors of p38 MAP kinase and MK2. <i>Biogerontology</i> , 2016 , 17, 305-15	4.5	72
29	Reversal of phenotypes of cellular senescence by pan-mTOR inhibition. <i>Aging</i> , 2016 , 8, 231-44	5.6	64
28	Small molecule modulation of splicing factor expression is associated with rescue from cellular senescence. <i>BMC Cell Biology</i> , 2017 , 18, 31		50
27	Increasing longevity through caloric restriction or rapamycin feeding in mammals: common mechanisms for common outcomes?. <i>Aging Cell</i> , 2009 , 8, 607-13	9.9	44
26	Characterisation of the interaction between WRN, the helicase/exonuclease defective in progeroid Werner's syndrome, and an essential replication factor, PCNA. <i>Mechanisms of Ageing and Development</i> , 2003 , 124, 167-74	5.6	40
25	mTORC Inhibitors as Broad-Spectrum Therapeutics for Age-Related Diseases. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	37
24	Correction of proliferation and drug sensitivity defects in the progeroid Werner's Syndrome by Holliday junction resolution. <i>Rejuvenation Research</i> , 2007 , 10, 27-40	2.6	31
23	Tackling immunosenescence to improve COVID-19 outcomes and vaccine response in older adults. <i>The Lancet Healthy Longevity</i> , 2020 , 1, e55-e57	9.5	30
22	Animal and human models to understand ageing. <i>Maturitas</i> , 2016 , 93, 18-27	5	27
21	Identification and characterization of a Drosophila ortholog of WRN exonuclease that is required to maintain genome integrity. <i>Aging Cell</i> , 2008 , 7, 418-25	9.9	25

20	The role of DNA exonucleases in protecting genome stability and their impact on ageing. <i>Age</i> , 2012 , 34, 1317-40		24
19	Structural basis of the anti-ageing effects of polyphenolics: mitigation of oxidative stress. <i>BMC Chemistry</i> , 2020 , 14, 50	3.7	24
18	DmWRNexo is a 3V5Vexonuclease: phenotypic and biochemical characterization of mutants of the Drosophila orthologue of human WRN exonuclease. <i>Biogerontology</i> , 2009 , 10, 267-77	4.5	18
17	Modeling Werner Syndrome in Drosophila melanogaster: hyper-recombination in flies lacking WRN-like exonuclease. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1119, 274-88	6.5	14
16	Live fast, die young: new lessons in mammalian longevity. <i>Rejuvenation Research</i> , 2009 , 12, 283-8	2.6	11
15	Optimisation of a screening platform for determining IL-6 inflammatory signalling in the senescence-associated secretory phenotype (SASP). <i>Biogerontology</i> , 2019 , 20, 359-371	4.5	9
14	Biomarkers, interventions and healthy ageing. <i>New Biotechnology</i> , 2013 , 30, 373-7	6.4	8
13	Interconnections between Inflammageing and Immunosenescence during Ageing.. <i>Cells</i> , 2022 , 11,	7.9	6
12	The Drosophila orthologue of progeroid human WRN exonuclease, DmWRNexo, cleaves replication substrates but is inhibited by uracil or abasic sites : analysis of DmWRNexo activity in vitro. <i>Age</i> , 2013 , 35, 793-806		5
11	Prospects for rejuvenation of aged tissue by telomerase reactivation. <i>Rejuvenation Research</i> , 2010 , 13, 749-54	2.6	5
10	Intercellular Transfer of Mitochondria between Senescent Cells through Cytoskeleton-Supported Intercellular Bridges Requires mTOR and CDC42 Signalling. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6697861	6.7	5
9	Targeting aging cells improves survival. <i>Science</i> , 2021 , 373, 281-282	33.3	5
8	Hypothesis: Causes of Type 2 Diabetes in Progeroid Werner Syndrome. <i>Open Longevity Science</i> , 2008 , 2, 100-103		3
7	Recapitulation of Werner syndrome sensitivity to camptothecin by limited knockdown of the WRN helicase/exonuclease. <i>Biogerontology</i> , 2012 , 13, 49-62	4.5	2
6	A fluorescence-based exonuclease assay to characterize DmWRNexo, orthologue of human progeroid WRN exonuclease, and its application to other nucleases. <i>Journal of Visualized Experiments</i> , 2013 , e50722	1.6	2
5	Chapter 5:Coordination of Nucleases and Helicases during DNA Replication and Double-strand Break Repair112-155		2
4	Generation of a novel model of primary human cell senescence through Tenovin-6 mediated inhibition of sirtuins. <i>Biogerontology</i> , 2019 , 20, 303-319	4.5	1
3	Chapter 3:Ring Structures and Six-fold Symmetry in DNA Replication47-85		1

2	Crosstalk Between Senescent Bone Cells and the Bone Tissue Microenvironment Influences Bone Fragility During Chronological Age and in Diabetes.. <i>Frontiers in Physiology</i> , 2022 , 13, 812157	4.6	o
1	Linking interdisciplinary and multiscale approaches to improve healthspan—new UK model for collaborative research networks in ageing biology and clinical translation. <i>The Lancet Healthy Longevity</i> , 2022 , 3, e318-e320	9.5	o