

Scott K Lyons

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,992
citations

394421

19
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

5943
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil extracellular traps produced during inflammation awaken dormant cancer cells in mice. <i>Science</i> , 2018, 361, .	12.6	893
2	The androgen receptor fuels prostate cancer by regulating central metabolism and biosynthesis. <i>EMBO Journal</i> , 2011, 30, 2719-2733.	7.8	530
3	Depletion of stromal cells expressing fibroblast activation protein-1 from skeletal muscle and bone marrow results in cachexia and anemia. <i>Journal of Experimental Medicine</i> , 2013, 210, 1137-1151.	8.5	304
4	Unresolved endoplasmic reticulum stress engenders immune-resistant, latent pancreatic cancer metastases. <i>Science</i> , 2018, 360, .	12.6	177
5	Advances in imaging mouse tumour models <i>in vivo</i> . <i>Journal of Pathology</i> , 2005, 205, 194-205.	4.5	171
6	Bioluminescent imaging: a critical tool in preclinical oncology research. <i>Journal of Pathology</i> , 2010, 220, 317-327.	4.5	139
7	Stem cell functionality is microenvironmentally defined during tumour expansion and therapy response in colon cancer. <i>Nature Cell Biology</i> , 2018, 20, 1193-1202.	10.3	138
8	Dual-modality gene reporter for <i>in vivo</i> imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 415-420.	7.1	91
9	Imaging sialylated tumor cell glycans <i>in vivo</i> . <i>FASEB Journal</i> , 2011, 25, 2528-2537.	0.5	80
10	The generation of a conditional reporter that enables bioluminescence imaging of Cre/loxP-dependent tumorigenesis in mice. <i>Cancer Research</i> , 2003, 63, 7042-6.	0.9	75
11	Noninvasive Bioluminescence Imaging of Normal and Spontaneously Transformed Prostate Tissue in Mice. <i>Cancer Research</i> , 2006, 66, 4701-4707.	0.9	54
12	Disulfiram inhibits neutrophil extracellular trap formation and protects rodents from acute lung injury and SARS-CoV-2 infection. <i>JCI Insight</i> , 2022, 7, .	5.0	54
13	Quantitative FastFucci assay defines cell cycle dynamics at single-cell level. <i>Journal of Cell Science</i> , 2017, 130, 512-520.	2.0	53
14	FRMD4A Upregulation in Human Squamous Cell Carcinoma Promotes Tumor Growth and Metastasis and Is Associated with Poor Prognosis. <i>Cancer Research</i> , 2012, 72, 3424-3436.	0.9	49
15	Phenotype Specific Analyses Reveal Distinct Regulatory Mechanism for Chronically Activated p53. <i>PLoS Genetics</i> , 2015, 11, e1005053.	3.5	47
16	Imaging Mouse Cancer Models <i>In Vivo</i> Using Reporter Transgenes. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.top069864.	0.3	29
17	Oatp1 Enhances Bioluminescence by Acting as a Plasma Membrane Transporter for d-luciferin. <i>Molecular Imaging and Biology</i> , 2014, 16, 626-634.	2.6	27
18	Development of Timd2 as a reporter gene for MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1697-1707.	3.0	26

#	ARTICLE	IF	CITATIONS
19	Versatile and enhanced tumour modelling in mice via somatic cell transduction. Journal of Pathology, 2014, 232, 449-457.	4.5	21
20	Imaging Mouse Models of Cancer. Cancer Journal (Sudbury, Mass), 2015, 21, 152-164.	2.0	16
21	¹³ C magnetic resonance spectroscopy measurements with hyperpolarized [¹³ C] pyruvate can be used to detect the expression of transgenic pyruvate decarboxylase activity in vivo. Magnetic Resonance in Medicine, 2016, 76, 391-401.	3.0	8
22	A marker-independent lineage-tracing system to quantify clonal dynamics and stem cell functionality in cancer tissue. Nature Protocols, 2019, 14, 2648-2671.	12.0	4
23	Advances in preclinical evaluation of experimental antibody-drug conjugates. , 2021, 4, 745-754.		3
24	Molecular Imaging of Cancer and the Implications for Pre-invasive Disease. , 2011, , 167-207.		1
25	Bioluminescence Imaging. , 2011, , 405-408.		1
26	Functional Imaging Using Bioluminescent Reporter Genes in Living Subjects. , 2021, , 113-141.		0
27	Bioluminescence Imaging. , 2017, , 502-507.		0
28	Bioluminescence Imaging. , 2008, , 349-353.		0