Scott K Lyons

List of Publications by Year
in descending order

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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	Disulfiram inhibits neutrophil extracellular trap formation and protects rodents from acute lung injury and SARS-CoV-2 infection. JCI Insight, 2022, 7, .	5.0	54
2	Advances in preclinical evaluation of experimental antibody-drug conjugates. , 2021, 4, 745-754.		3
3	Functional Imaging Using Bioluminescent Reporter Genes in Living Subjects. , 2021, , 113-141.		0
4	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
5	Neutrophil extracellular traps produced during inflammation awaken dormant cancer cells in mice. Science, 2018, 361, .	12.6	893
6	Stem cell functionality is microenvironmentally defined during tumour expansion and therapy response in colon cancer. Nature Cell Biology, 2018, 20, 1193-1202.	10.3	138
7	Unresolved endoplasmic reticulum stress engenders immune-resistant, latent pancreatic cancer metastases. Science, 2018, 360, .	12.6	177
8	Quantitative FastFUCCI assay defines cell cycle dynamics at single-cell level. Journal of Cell Science, 2017, 130, 512-520.	2.0	53
9	Bioluminescence Imaging. , 2017, , 502-507.		0
10	¹³ C magnetic resonance spectroscopy measurements with hyperpolarized [1â€•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
11	Development of Timd2 as a reporter gene for MRI. Magnetic Resonance in Medicine, 2016, 75, 1697-1707.	3.0	26
12	Imaging Mouse Models of Cancer. Cancer Journal (Sudbury, Mass), 2015, 21, 152-164.	2.0	16
13	Phenotype Specific Analyses Reveal Distinct Regulatory Mechanism for Chronically Activated p53. PLoS Genetics, 2015, 11, e1005053.	3.5	47
14	Versatile and enhanced tumour modelling in mice via somatic cell transduction. Journal of Pathology, 2014, 232, 449-457.	4.5	21
15	Dual-modality gene reporter for in vivo imaging. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 415-420.	7.1	91
16	Oatp1 Enhances Bioluminescence by Acting as a Plasma Membrane Transporter for d-luciferin. Molecular Imaging and Biology, 2014, 16, 626-634.	2.6	27
17	Depletion of stromal cells expressing fibroblast activation protein-Î± from skeletal muscle and bone marrow results in cachexia and anemia. Journal of Experimental Medicine, 2013, 210, 1137-1151.	8.5	304
18	Imaging Mouse Cancer Models In Vivo Using Reporter Transgenes. Cold Spring Harbor Protocols, 2013, 2013, pdb.top069864.	0.3	29

#	Article	IF	Citations
19	FRMD4A Upregulation in Human Squamous Cell Carcinoma Promotes Tumor Growth and Metastasis and Is Associated with Poor Prognosis. Cancer Research, 2012, 72, 3424-3436.	0.9	49
20	The androgen receptor fuels prostate cancer by regulating central metabolism and biosynthesis. EMBO Journal, 2011, 30, 2719-2733.	7.8	530
21	Imaging sialylated tumor cell glycans in vivo. FASEB Journal, 2011, 25, 2528-2537.	0.5	80
22	Molecular Imaging of Cancer and the Implications for Pre-invasive Disease. , 2011, , 167-207.		1
23	Bioluminescence Imaging. , 2011, , 405-408.		1
24	Bioluminescent imaging: a critical tool in preâ€clinical oncology research. Journal of Pathology, 2010, 220, 317-327.	4.5	139
25	Bioluminescence Imaging. , 2008, , 349-353.		0
26	Noninvasive Bioluminescence Imaging of Normal and Spontaneously Transformed Prostate Tissue in Mice. Cancer Research, 2006, 66, 4701-4707.	0.9	54
27	Advances in imaging mouse tumour models in vivo. Journal of Pathology, 2005, 205, 194-205.	4.5	171
28	The generation of a conditional reporter that enables bioluminescence imaging of Cre/loxP-dependent tumorigenesis in mice. Cancer Research, 2003, 63, 7042-6.	0.9	75