

Jessica Blackburn

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,760
citations

567281

15
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

2530
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-read sequencing of the zebrafish genome reorganizes genomic architecture. BMC Genomics, 2022, 23, 116.	2.8	9
2	PRL3 enhances T-cell acute lymphoblastic leukemia growth through suppressing T-cell signaling pathways and apoptosis. Leukemia, 2021, 35, 679-690.	7.2	11
3	PRL3 promotes a positive feedback loop between STAT1/2-induced gene expression and glycolysis in multiple myeloma. FEBS Journal, 2021, 288, 6674-6676.	4.7	3
4	Drug Screening of Primary Patient Derived Tumor Xenografts in Zebrafish. Journal of Visualized Experiments, 2020, , .	0.3	12
5	Epigenetic Regulation of Wnt Signaling by Carboxamide-Substituted Benzhydryl Amines that Function as Histone Demethylase Inhibitors. IScience, 2020, 23, 101795.	4.1	14
6	Protein tyrosine phosphatase 4A3 (PTP4A3/PRL-3) drives migration and progression of T-cell acute lymphoblastic leukemia in vitro and in vivo. Oncogenesis, 2020, 9, 6.	4.9	14
7	Targeting phosphatases of regenerating liver (PRLs) in cancer. , 2018, 190, 128-138.		33
8	TOX Regulates Growth, DNA Repair, and Genomic Instability in T-cell Acute Lymphoblastic Leukemia. Cancer Discovery, 2017, 7, 1336-1353.	9.4	48
9	Single-cell transcriptional analysis of normal, aberrant, and malignant hematopoiesis in zebrafish. Journal of Experimental Medicine, 2016, 213, 979-992.	8.5	69
10	Optimized cell transplantation using adult rag2 mutant zebrafish. Nature Methods, 2014, 11, 821-824.	19.0	118
11	Zebrafish as a model to assess cancer heterogeneity, progression and relapse. DMM Disease Models and Mechanisms, 2014, 7, 755-762.	2.4	42
12	Clonal Evolution Enhances Leukemia-Propagating Cell Frequency in T Cell Acute Lymphoblastic Leukemia through Akt/mTORC1 Pathway Activation. Cancer Cell, 2014, 25, 366-378.	16.8	98
13	Notch signaling expands a pre-malignant pool of T-cell acute lymphoblastic leukemia clones without affecting leukemia-propagating cell frequency. Leukemia, 2012, 26, 2069-2078.	7.2	64
14	A series of N-terminal epitope tagged Hdh knock-in alleles expressing normal and mutant huntingtin: their application to understanding the effect of increasing the length of normal huntingtin's polyglutamine stretch on CAG140 mouse model pathogenesis. Molecular Brain, 2012, 5, 28.	2.6	15
15	In Vivo Imaging of Tumor-Propagating Cells, Regional Tumor Heterogeneity, and Dynamic Cell Movements in Embryonal Rhabdomyosarcoma. Cancer Cell, 2012, 21, 680-693.	16.8	110
16	Improved Somatic Mutagenesis in Zebrafish Using Transcription Activator-Like Effector Nucleases (TALENs). PLoS ONE, 2012, 7, e37877.	2.5	149
17	Selection-free zinc-finger-nuclease engineering by context-dependent assembly (CoDA). Nature Methods, 2011, 8, 67-69.	19.0	480
18	High-throughput imaging of adult fluorescent zebrafish with an LED fluorescence microscope. Nature Protocols, 2011, 6, 229-241.	12.0	40

#	ARTICLE	IF	CITATIONS
19	High-throughput cell transplantation establishes that tumor-initiating cells are abundant in zebrafish T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2010, 115, 3296-3303.	1.4	121
20	aMAZe-ing tools for mosaic analysis in zebrafish. <i>Nature Methods</i> , 2010, 7, 188-190.	19.0	7
21	A matrix metalloproteinase-1/protease activated receptor-1 signaling axis promotes melanoma invasion and metastasis. <i>Oncogene</i> , 2009, 28, 4237-4248.	5.9	82
22	Matrix metalloproteinase and G protein coupled receptors: Co-conspirators in the pathogenesis of autoimmune disease and cancer. <i>Journal of Autoimmunity</i> , 2009, 33, 214-221.	6.5	61
23	Matrix Metalloproteinase-1 and Thrombin Differentially Activate Gene Expression in Endothelial Cells via PAR-1 and Promote Angiogenesis. <i>American Journal of Pathology</i> , 2008, 173, 1736-1746.	3.8	83
24	RNA Interference Inhibition of Matrix Metalloproteinase-1 Prevents Melanoma Metastasis by Reducing Tumor Collagenase Activity and Angiogenesis. <i>Cancer Research</i> , 2007, 67, 10849-10858.	0.9	77