Jessica Blackburn

List of Publications by Year
in descending order

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		567281	642732
24	1,760	15	23
papers	citations	h-index	g-index

27	27	27	2530
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selection-free zinc-finger-nuclease engineering by context-dependent assembly (CoDA). Nature Methods, 2011, 8, 67-69.	19.0	480
2	Improved Somatic Mutagenesis in Zebrafish Using Transcription Activator-Like Effector Nucleases (TALENs). PLoS ONE, 2012, 7, e37877.	2.5	149
3	High-throughput cell transplantation establishes that tumor-initiating cells are abundant in zebrafish T-cell acute lymphoblastic leukemia. Blood, 2010, 115, 3296-3303.	1.4	121
4	Optimized cell transplantation using adult rag2 mutant zebrafish. Nature Methods, 2014, 11, 821-824.	19.0	118
5	InÂVivo Imaging of Tumor-Propagating Cells, Regional Tumor Heterogeneity, and Dynamic Cell Movements in Embryonal Rhabdomyosarcoma. Cancer Cell, 2012, 21, 680-693.	16.8	110
6	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
7	Matrix Metalloproteinase-1 and Thrombin Differentially Activate Gene Expression in Endothelial Cells via PAR-1 and Promote Angiogenesis. American Journal of Pathology, 2008, 173, 1736-1746.	3.8	83
8	A matrix metalloproteinase-1/protease activated receptor-1 signaling axis promotes melanoma invasion and metastasis. Oncogene, 2009, 28, 4237-4248.	5.9	82
9	RNA Interference Inhibition of Matrix Metalloproteinase-1 Prevents Melanoma Metastasis by Reducing Tumor Collagenase Activity and Angiogenesis. Cancer Research, 2007, 67, 10849-10858.	0.9	77
10	Single-cell transcriptional analysis of normal, aberrant, and malignant hematopoiesis in zebrafish. Journal of Experimental Medicine, 2016, 213, 979-992.	8.5	69
11	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
12	Matrix metalloproteinase and G protein coupled receptors: Co-conspirators in the pathogenesis of autoimmune disease and cancer. Journal of Autoimmunity, 2009, 33, 214-221.	6.5	61
13	TOX Regulates Growth, DNA Repair, and Genomic Instability in T-cell Acute Lymphoblastic Leukemia. Cancer Discovery, 2017, 7, 1336-1353.	9.4	48
14	Zebrafish as a model to assess cancer heterogeneity, progression and relapse. DMM Disease Models and Mechanisms, 2014, 7, 755-762.	2.4	42
15	High-throughput imaging of adult fluorescent zebrafish with an LED fluorescence macroscope. Nature Protocols, 2011, 6, 229-241.	12.0	40
16	Targeting phosphatases of regenerating liver (PRLs) in cancer. , 2018, 190, 128-138.		33
17	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 huntingtinâ€™s polyglutamine stretch on CAG140 mouse model pathogenesis. Molecular Brain, 2012, 5, 28.	2.6	15
18	Epigenetic Regulation of Wnt Signaling by Carboxamide-Substituted Benzhydryl Amines that Function as Histone Demethylase Inhibitors. IScience, 2020, 23, 101795.	4.1	14

#	Article	IF	Citations
19	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
20	Drug Screening of Primary Patient Derived Tumor Xenografts in Zebrafish. Journal of Visualized Experiments, 2020, , .	0.3	12
21	PRL3 enhances T-cell acute lymphoblastic leukemia growth through suppressing T-cell signaling pathways and apoptosis. Leukemia, 2021, 35, 679-690.	7.2	11
22	Long-read sequencing of the zebrafish genome reorganizes genomic architecture. BMC Genomics, 2022, 23, 116.	2.8	9
23	aMAZe-ing tools for mosaic analysis in zebrafish. Nature Methods, 2010, 7, 188-190.	19.0	7
24	PRLâ€3 promotes a positive feedback loop between STAT1/2â€induced gene expression and glycolysis in multiple myeloma. FEBS Journal, 2021, 288, 6674-6676.	4.7	3