

Michael Andriang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,761
citations

430874

18
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

2674
citing authors

#	ARTICLE	IF	CITATIONS
1	A culture system using human foreskin fibroblasts as feeder cells allows production of human embryonic stem cells. <i>Human Reproduction</i> , 2003, 18, 1404-1409.	0.9	442
2	Histone H2AX-dependent GABAA receptor regulation of stem cell proliferation. <i>Nature</i> , 2008, 451, 460-464.	27.8	255
3	Ribosome biogenesis during cell cycle arrest fuels EMT in development and disease. <i>Nature Communications</i> , 2019, 10, 2110.	12.8	139
4	Cell cycle restriction by histone H2AX limits proliferation of adult neural stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5837-5842.	7.1	127
5	Neural progenitors organize in small-world networks to promote cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1524-32.	7.1	85
6	Organized Development from Human Embryonic Stem Cells after Injection into Immunodeficient Mice. <i>Stem Cells and Development</i> , 2004, 13, 421-435.	2.1	81
7	Reduced β 2-microglobulin mRNA levels in transgenic mice expressing a designed hammerhead ribozyme. <i>Nucleic Acids Research</i> , 1994, 22, 2242-2248.	14.5	66
8	Differentiation of Mesothelioma Cells Is Influenced by the Expression of Proteoglycans. <i>Experimental Cell Research</i> , 2000, 258, 12-22.	2.6	65
9	Neural cograft stimulates the survival and differentiation of embryonic stem cells in the adult mammalian auditory system. <i>Brain Research</i> , 2005, 1051, 137-144.	2.2	56
10	Region-specific generation of functional neurons from naive embryonic stem cells in adult brain. <i>Journal of Neurochemistry</i> , 2004, 88, 1229-1239.	3.9	41
11	Lithium increases proliferation of hippocampal neural stem/progenitor cells and rescues irradiation-induced cell cycle arrest <i>in vitro</i> . <i>Oncotarget</i> , 2015, 6, 37083-37097.	1.8	33
12	A Novel Ribozyme Target Site Located in the HIV-1NefOpen Reading Frame. <i>Virology</i> , 1996, 219, 161-169.	2.4	29
13	Mouse Embryonic Stem Cell-Derived Spheres with Distinct Neurogenic Potentials. <i>Stem Cells and Development</i> , 2008, 17, 233-243.	2.1	29
14	G-quadruplex formation in the Oct4 promoter positively regulates Oct4 expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 175-183.	1.9	29
15	Small molecule screening platform for assessment of cardiovascular toxicity on adult zebrafish heart. <i>BMC Physiology</i> , 2012, 12, 3.	3.6	27
16	Selective Calcium Sensitivity in Immature Glioma Cancer Stem Cells. <i>PLoS ONE</i> , 2014, 9, e115698.	2.5	23
17	Comparative cell cycle transcriptomics reveals synchronization of developmental transcription factor networks in cancer cells. <i>PLoS ONE</i> , 2017, 12, e0188772.	2.5	22
18	Membrane-Depolarizing Channel Blockers Induce Selective Glioma Cell Death by Impairing Nutrient Transport and Unfolded Protein/Amino Acid Responses. <i>Cancer Research</i> , 2017, 77, 1741-1752.	0.9	21

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19	Optimized mouse ES cell culture system by suspension growth in a fully defined medium. <i>Nature Protocols</i> , 2008, 3, 1013-1017.	12.0	19
20	Case-specific potentiation of glioblastoma drugs by pterostilbene. <i>Oncotarget</i> , 2016, 7, 73200-73215.	1.8	16
21	Ion fluxes and neurotransmitters signaling in neural development. <i>Current Opinion in Neurobiology</i> , 2008, 18, 232-236.	4.2	11
22	Tumor-Initiating Cells in Childhood Neuroblastoma Letter. <i>Cancer Research</i> , 2012, 72, 821-822.	0.9	10
23	Interaction between hammerhead ribozyme and RNA substrates measured by a surface plasmon resonance biosensor. <i>Journal of Proteomics</i> , 2000, 44, 41-57.	2.4	7
24	Blebbing as a physical force in cancer EMT Parallels with mitosis. <i>Seminars in Cancer Biology</i> , 2012, 22, 369-373.	9.6	7
25	ZD7288, a blocker of the HCN channel family, increases doubling time of mouse embryonic stem cells and modulates differentiation outcomes in a context-dependent manner. <i>SpringerPlus</i> , 2016, 5, 41.	1.2	7
26	HCN Channel Activity Balances Quiescence and Proliferation in Neural Stem Cells and Is a Selective Target for Neuroprotection During Cancer Treatment. <i>Molecular Cancer Research</i> , 2020, 18, 1522-1533.	3.4	6
27	Cis-Cleavage Affects Hammerhead and Hairpin Ribozyme Steady-State Levels Differently and Has Strong Impact on Trans-Targeting Efficiency. <i>Oligonucleotides</i> , 2004, 14, 11-21.	2.7	5
28	Erg Channel Is Critical in Controlling Cell Volume during Cell Cycle in Embryonic Stem Cells. <i>PLoS ONE</i> , 2013, 8, e72409.	2.5	5
29	A method for production of double labelled RNA in <i>E. coli</i> , and subsequent in vitro synthesis of ribonucleotide 5' triphosphates. <i>Journal of Proteomics</i> , 1995, 30, 59-68.	2.4	4
30	Phenotypic Screen Identifies a Small Molecule Modulating ERK2 and Promoting Stem Cell Proliferation. <i>Frontiers in Pharmacology</i> , 2017, 8, 726.	3.5	3
31	To go or not to go?. <i>Cell Cycle</i> , 2015, 14, 1136-1137.	2.6	0