

Kathryn A O'donnell

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

7,825
citations

394421

19
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

12643
citing authors

#	ARTICLE	IF	CITATIONS
1	c-Myc-regulated microRNAs modulate E2F1 expression. <i>Nature</i> , 2005, 435, 839-843.	27.8	2,618
2	Therapeutic microRNA Delivery Suppresses Tumorigenesis in a Murine Liver Cancer Model. <i>Cell</i> , 2009, 137, 1005-1017.	28.9	1,634
3	The c-Myc target gene network. <i>Seminars in Cancer Biology</i> , 2006, 16, 253-264.	9.6	989
4	Myc Stimulates Nuclearly Encoded Mitochondrial Genes and Mitochondrial Biogenesis. <i>Molecular and Cellular Biology</i> , 2005, 25, 6225-6234.	2.3	527
5	An integrated database of genes responsive to the Myc oncogenic transcription factor: identification of direct genomic targets. <i>Genome Biology</i> , 2003, 4, R69.	9.6	433
6	Evaluation of Myc E-Box Phylogenetic Footprints in Glycolytic Genes by Chromatin Immunoprecipitation Assays. <i>Molecular and Cellular Biology</i> , 2004, 24, 5923-5936.	2.3	312
7	Mighty Piwis Defend the Germline against Genome Intruders. <i>Cell</i> , 2007, 129, 37-44.	28.9	265
8	Activation of Transferrin Receptor 1 by c-Myc Enhances Cellular Proliferation and Tumorigenesis. <i>Molecular and Cellular Biology</i> , 2006, 26, 2373-2386.	2.3	210
9	A Role for Retrotransposon LINE-1 in Fetal Oocyte Attrition in Mice. <i>Developmental Cell</i> , 2014, 29, 521-533.	7.0	189
10	A Conserved Splicing Silencer Dynamically Regulates O-GlcNAc Transferase Intron Retention and O-GlcNAc Homeostasis. <i>Cell Reports</i> , 2017, 20, 1088-1099.	6.4	88
11	eIF5B drives integrated stress response-dependent translation of PD-L1 in lung cancer. <i>Nature Cancer</i> , 2020, 1, 533-545.	13.2	73
12	Mobilizing diversity: transposable element insertions in genetic variation and disease. <i>Mobile DNA</i> , 2010, 1, 21.	3.6	67
13	A <i>Sleeping Beauty</i> mutagenesis screen reveals a tumor suppressor role for <i>Ncoa2/Src-2</i> in liver cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1377-86.	7.1	67
14	Characterization of a synthetic human LINE-1 retrotransposon ORFeus-Hs. <i>Mobile DNA</i> , 2011, 2, 2.	3.6	60
15	Poly(A) Binding Protein C1 Is Essential for Efficient L1 Retrotransposition and Affects L1 RNP Formation. <i>Molecular and Cellular Biology</i> , 2012, 32, 4323-4336.	2.3	56
16	PROTOCADHERIN 7 Acts through SET and PP2A to Potentiate MAPK Signaling by EGFR and KRAS during Lung Tumorigenesis. <i>Cancer Research</i> , 2017, 77, 187-197.	0.9	55
17	Transmembrane Protease TMPRSS11B Promotes Lung Cancer Growth by Enhancing Lactate Export and Glycolytic Metabolism. <i>Cell Reports</i> , 2018, 25, 2223-2233.e6.	6.4	34
18	Comprehensive <i>Ex Vivo</i> Transposon Mutagenesis Identifies Genes That Promote Growth Factor Independence and Leukemogenesis. <i>Cancer Research</i> , 2016, 76, 773-786.	0.9	28

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19	Controlled insertional mutagenesis using a LINE-1 (<i>ORFeus</i>) gene-trap mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2706-13.	7.1	22
20	Advances in functional genetic screening with transposons and CRISPR/Cas9 to illuminate cancer biology. Current Opinion in Genetics and Development, 2018, 49, 85-94.	3.3	19
21	Modulation of Mutant <i>KrasG12D</i> -Driven Lung Tumorigenesis <i>In Vivo</i> by Gain or Loss of PCDH7 Function. Molecular Cancer Research, 2019, 17, 594-603.	3.4	19
22	SRC-2-mediated coactivation of anti-tumorigenic target genes suppresses MYC-induced liver cancer. PLoS Genetics, 2017, 13, e1006650.	3.5	16
23	A Descent into the Nuage: The Maelstrom of Transposon Control. Developmental Cell, 2008, 15, 179-181.	7.0	14
24	Plug and play modular strategies for synthetic retrotransposons. Methods, 2009, 49, 227-235.	3.8	10
25	Translational Control of Immune Evasion in Cancer. Trends in Cancer, 2021, 7, 580-582.	7.4	10
26	Stressing the Importance of CHOP in Liver Cancer. PLoS Genetics, 2013, 9, e1004045.	3.5	5
27	Domesticated DNA transposon proteins mediate retrotransposon control. Cell Research, 2008, 18, 331-333.	12.0	2
28	Ex Vivo Transposon-Mediated Genetic Screens for Cancer Gene Discovery. Methods in Molecular Biology, 2019, 1907, 145-157.	0.9	2
29	Dysregulation of microRNAs in human malignancy. , 0, , 295-308.		0