Katherine McJunkin

List of Publications by Year
in descending order

19 papers	2,297 citations	623734 14 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	4891 citing authors

#	Article	IF	Citations
1	miR-221 overexpression contributes to liver tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 264-269.	7.1	679
2	Genome-wide RNA-mediated interference screen identifies miR-19 targets in Notch-induced T-cell acute lymphoblastic leukaemia. Nature Cell Biology, 2010, 12, 372-379.	10.3	316
3	In vivo RNAi screening identifies a mechanism of sorafenib resistance in liver cancer. Nature Medicine, 2014, 20, 1138-1146.	30.7	242
4	Toolkit for evaluating genes required for proliferation and survival using tetracycline-regulated RNAi. Nature Biotechnology, 2011, 29, 79-83.	17.5	235
5	Functional Identification of Optimized RNAi Triggers Using a Massively Parallel Sensor Assay. Molecular Cell, 2011, 41, 733-746.	9.7	193
6	Tissue-specific and reversible RNA interference in transgenic mice. Nature Genetics, 2007, 39, 914-921.	21.4	170
7	A pipeline for the generation of shRNA transgenic mice. Nature Protocols, 2012, 7, 374-393.	12.0	146
8	The Embryonicmir-35Family of microRNAs Promotes Multiple Aspects of Fecundity inCaenorhabditis elegans. G3: Genes, Genomes, Genetics, 2014, 4, 1747-1754.	1.8	61
9	A microRNA family exerts maternal control on sex determination in C. elegans. Genes and Development, 2017, 31, 422-437.	5.9	52
10	Reversible suppression of an essential gene in adult mice using transgenic RNA interference. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7113-7118.	7.1	49
11	miRNAs cooperate in apoptosis regulation during C. elegans development. Genes and Development, 2017, 31, 209-222.	5.9	40
12	GW182-Free microRNA Silencing Complex Controls Post-transcriptional Gene Expression during Caenorhabditis elegans Embryogenesis. PLoS Genetics, 2016, 12, e1006484.	3.5	27
13	In vivo CRISPR screening for phenotypic targets of themir-35-42family inC. elegans. Genes and Development, 2020, 34, 1227-1238.	5.9	20
14	CRISPR screening strategies for microRNA target identification. FEBS Journal, 2020, 287, 2914-2922.	4.7	16
15	Screening by deep sequencing reveals mediators of microRNA tailing in C. elegans. Nucleic Acids Research, 2021, 49, 11167-11180.	14.5	16
16	Maternal effects of microRNAs in early embryogenesis. RNA Biology, 2018, 15, 165-169.	3.1	15
17	The TRIM-NHL protein NHL-2 is a co-factor in the nuclear and somatic RNAi pathways in C. elegans. ELife, 2018, 7, .	6.0	13
18	The mir-35 Family Links Maternal Germline Sex to Embryonic Viability in Caenorhabditis elegans. G3: Genes, Genomes, Genetics, 2019, 9, 901-909.	1.8	4

#	Article	IF	Citations
19	The binding site in the 3'UTR is dispensable for development and fecundity. MicroPublication Biology, 2020, 2020, .	0.1	1