

Aimee L Jackson

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

11,448
citations

218677

26
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

15131
citing authors

#	ARTICLE	IF	CITATIONS
1	A microRNA component of the p53 tumour suppressor network. <i>Nature</i> , 2007, 447, 1130-1134.	27.8	2,476
2	Expression profiling reveals off-target gene regulation by RNAi. <i>Nature Biotechnology</i> , 2003, 21, 635-637.	17.5	2,101
3	Recognizing and avoiding siRNA off-target effects for target identification and therapeutic application. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 57-67.	46.4	838
4	Widespread siRNA "off-target" transcript silencing mediated by seed region sequence complementarity. <i>Rna</i> , 2006, 12, 1179-1187.	3.5	817
5	Position-specific chemical modification of siRNAs reduces "off-target" transcript silencing. <i>Rna</i> , 2006, 12, 1197-1205.	3.5	686
6	The contribution of endogenous sources of DNA damage to the multiple mutations in cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 477, 7-21.	1.0	529
7	Transcripts Targeted by the MicroRNA-16 Family Cooperatively Regulate Cell Cycle Progression. <i>Molecular and Cellular Biology</i> , 2007, 27, 2240-2252.	2.3	516
8	MicroRNAs in the miR-106b Family Regulate p21/CDKN1A and Promote Cell Cycle Progression. <i>Molecular and Cellular Biology</i> , 2008, 28, 2167-2174.	2.3	513
9	Minimizing the risk of reporting false positives in large-scale RNAi screens. <i>Nature Methods</i> , 2006, 3, 777-779.	19.0	417
10	Noise amidst the silence: off-target effects of siRNAs?. <i>Trends in Genetics</i> , 2004, 20, 521-524.	6.7	324
11	Coordinated Regulation of Cell Cycle Transcripts by p53-Inducible microRNAs, miR-192 and miR-215. <i>Cancer Research</i> , 2008, 68, 10105-10112.	0.9	324
12	Genome-scale RNAi profiling of cell division in human tissue culture cells. <i>Nature Cell Biology</i> , 2007, 9, 1401-1412.	10.3	270
13	Cobomarsen, an oligonucleotide inhibitor of miR-155, coordinately regulates multiple survival pathways to reduce cellular proliferation and survival in cutaneous T-cell lymphoma. <i>British Journal of Haematology</i> , 2018, 183, 428-444.	2.5	219
14	The Mutation Rate and Cancer. <i>Genetics</i> , 1998, 148, 1483-1490.	2.9	197
15	Small Interfering RNA Screens Reveal Enhanced Cisplatin Cytotoxicity in Tumor Cells Having both BRCA Network and TP53 Disruptions. <i>Molecular and Cellular Biology</i> , 2006, 26, 9377-9386.	2.3	176
16	Myc-regulated microRNAs attenuate embryonic stem cell differentiation. <i>EMBO Journal</i> , 2009, 28, 3157-3170.	7.8	171
17	Genome-wide resources of endoribonuclease-prepared short interfering RNAs for specific loss-of-function studies. <i>Nature Methods</i> , 2007, 4, 337-344.	19.0	167
18	A MicroRNA-29 Mimic (Remlarsen) Represses Extracellular Matrix Expression and Fibroplasia in the Skin. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1073-1081.	0.7	156

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19	Safety assessment of food and feed from biotechnology-derived crops employing RNA-mediated gene regulation to achieve desired traits: A scientific review. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 66, 167-176.	2.7	95
20	Cobomarsen, an Oligonucleotide Inhibitor of miR-155, Slows DLBCL Tumor Cell Growth <i>In Vitro</i> and <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2021, 27, 1139-1149.	7.0	76
21	MicroRNA-like off-target transcript regulation by siRNAs is species specific. <i>Rna</i> , 2009, 15, 308-315.	3.5	71
22	On the origin of multiple mutations in human cancers. <i>Seminars in Cancer Biology</i> , 1998, 8, 421-429.	9.6	57
23	Cdc7 protein kinase for DNA metabolism comes of age. <i>Molecular Microbiology</i> , 1994, 11, 805-810.	2.5	54
24	Developing microRNA Therapeutics: Approaching the Unique Complexities. <i>Nucleic Acid Therapeutics</i> , 2012, 22, 213-225.	3.6	52
25	Microsatellite instability induced by hydrogen peroxide in <i>Escherichia coli</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 447, 187-198.	1.0	47
26	Gene expression profiling following NRF2 and KEAP1 siRNA knockdown in human lung fibroblasts identifies CCL11/Eotaxin-1 as a novel NRF2 regulated gene. <i>Respiratory Research</i> , 2012, 13, 92.	3.6	30
27	The Efficacy of Cardiac Anti-miR-208a Therapy Is Stress Dependent. <i>Molecular Therapy</i> , 2017, 25, 694-704.	8.2	22
28	How Will RNAi Facilitate Drug Development?. <i>Science Signaling</i> , 2005, 2005, pe39-pe39.	3.6	20
29	Origin of Multiple Mutations in Human Cancers. <i>Drug Metabolism Reviews</i> , 1998, 30, 285-304.	3.6	8
30	Effect of Xpcl1 Activation and p27Kip1 Loss on Gene Expression in Murine Lymphoma. <i>PLoS ONE</i> , 2011, 6, e14758.	2.5	6
31	A Multiplexed siRNA Screening Strategy to Identify Genes in the PARP Pathway. <i>Journal of Biomolecular Screening</i> , 2012, 17, 1316-1328.	2.6	5
32	Chromosome 20q Amplification Regulates <i>In Vitro</i> Response to Kinesin-5 Inhibitor. <i>Cancer Informatics</i> , 2008, 6, CIN.S609.	1.9	3
33	Reflections on MicroRNAs in Chronic Pulmonary Disease: Looking into the miR-ror and Crystal Ball. <i>Inflammation and Allergy: Drug Targets</i> , 2013, 12, 88-98.	1.8	3
34	Hidden reach of the micromanagers. <i>BMC Biology</i> , 2010, 8, 53.	3.8	2
35	OXIDANTS AND MULTIPLE MUTATIONS IN CANCER. <i>Biochemical Society Transactions</i> , 1996, 24, 522S-522S.	3.4	0