

Haoquan Wu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,781
citations

394421

19
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

6473
citing authors

#	ARTICLE	IF	CITATIONS
1	Transvascular delivery of small interfering RNA to the central nervous system. <i>Nature</i> , 2007, 448, 39-43.	27.8	1,122
2	T Cell-Specific siRNA Delivery Suppresses HIV-1 Infection in Humanized Mice. <i>Cell</i> , 2008, 134, 577-586.	28.9	542
3	miRNA Profiling of Na ⁺ ve, Effector and Memory CD8 T Cells. <i>PLoS ONE</i> , 2007, 2, e1020.	2.5	420
4	Optimizing sgRNA structure to improve CRISPR-Cas9 knockout efficiency. <i>Genome Biology</i> , 2015, 16, 280.	8.8	290
5	A CRISPR-Based Screen Identifies Genes Essential for West-Nile-Virus-Induced Cell Death. <i>Cell Reports</i> , 2015, 12, 673-683.	6.4	207
6	IRE1 α is an endogenous substrate of endoplasmic-reticulum-associated degradation. <i>Nature Cell Biology</i> , 2015, 17, 1546-1555.	10.3	173
7	Targeted Delivery of siRNA to Macrophages for Anti-inflammatory Treatment. <i>Molecular Therapy</i> , 2010, 18, 993-1001.	8.2	159
8	Lentivirus pre-packed with Cas9 protein for safer gene editing. <i>Gene Therapy</i> , 2016, 23, 627-633.	4.5	138
9	Lentiviral delivery of short hairpin RNAs. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 732-745.	13.7	137
10	Alternative Processing of Primary microRNA Transcripts by Drosha Generates 5' End Variation of Mature microRNA. <i>PLoS ONE</i> , 2009, 4, e7566.	2.5	125
11	Pol III Promoters to Express Small RNAs: Delineation of Transcription Initiation. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e161.	5.1	92
12	Lower and upper stem-loop single-stranded RNA junctions together determine the Drosha cleavage site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20687-20692.	7.1	87
13	Human macrophage and dendritic cell-specific silencing of high-mobility group protein B1 ameliorates sepsis in a humanized mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21052-21057.	7.1	73
14	Recent advances in RNAi-based strategies for therapy and prevention of HIV-1/AIDS. <i>Advanced Drug Delivery Reviews</i> , 2016, 103, 174-186.	13.7	38
15	Designing Ago2-specific siRNA/shRNA to Avoid Competition with Endogenous miRNAs. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e176.	5.1	34
16	Multiplexing Seven miRNA-Based shRNAs to Suppress HIV Replication. <i>Molecular Therapy</i> , 2015, 23, 310-320.	8.2	32
17	Silencing Early Viral Replication in Macrophages and Dendritic Cells Effectively Suppresses Flavivirus Encephalitis. <i>PLoS ONE</i> , 2011, 6, e17889.	2.5	28
18	Improved siRNA/shRNA Functionality by Mismatched Duplex. <i>PLoS ONE</i> , 2011, 6, e28580.	2.5	27

#	ARTICLE	IF	CITATIONS
19	br13, a novel gene, participates in tumor necrosis factor- α -induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 518-524.	2.1	23
20	A sliding-bulge structure at the Dicer processing site of pre-miRNAs regulates alternative Dicer processing to generate 5'-isomiRs. <i>Heliyon</i> , 2016, 2, e00148.	3.2	14
21	Ago-2-Mediated Slicer Activity Is Essential for Anti-Flaviviral Efficacy of RNAi. <i>PLoS ONE</i> , 2011, 6, e27551.	2.5	10
22	The Effects of the Recombinant CCR5 T4 Lysozyme Fusion Protein on HIV-1 Infection. <i>PLoS ONE</i> , 2015, 10, e0131894.	2.5	6
23	MicroRNA Cloning from Cells of the Immune System. <i>Methods in Molecular Biology</i> , 2010, 667, 67-77.	0.9	3
24	Mouse neural stem cells cultured in vitro and expressing an exogenous gene. <i>Science Bulletin</i> , 2001, 46, 566-567.	1.7	1