Morten Lindow

List of Publications by Year in descending order

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30 papers	7,605 citations	236925 25 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	9441 citing authors

#	Article	IF	Citations
1	Therapeutic Silencing of MicroRNA-122 in Primates with Chronic Hepatitis C Virus Infection. Science, 2010, 327, 198-201.	12.6	1,608
2	LNA-mediated microRNA silencing in non-human primates. Nature, 2008, 452, 896-899.	27.8	1,512
3	Programmed Cell Death 4 (PDCD4) Is an Important Functional Target of the MicroRNA miR-21 in Breast Cancer Cells. Journal of Biological Chemistry, 2008, 283, 1026-1033.	3.4	1,001
4	Antagonism of microRNA-122 in mice by systemically administered LNA-antimiR leads to up-regulation of a large set of predicted target mRNAs in the liver. Nucleic Acids Research, 2008, 36, 1153-1162.	14.5	630
5	Silencing of microRNA families by seed-targeting tiny LNAs. Nature Genetics, 2011, 43, 371-378.	21.4	594
6	Inhibition of microRNA function by antimiR oligonucleotides. Silence: A Journal of RNA Regulation, 2012, 3, 1.	8.1	456
7	Discovering the first microRNA-targeted drug. Journal of Cell Biology, 2012, 199, 407-412.	5.2	256
8	The liver-specific microRNA miR-122 controls systemic iron homeostasis in mice. Journal of Clinical Investigation, 2011, 121, 1386-1396.	8.2	221
9	MicroRNA Profiling Identifies MicroRNA-155 as an Adverse Mediator of Cardiac Injury and Dysfunction During Acute Viral Myocarditis. Circulation Research, 2012, 111, 415-425.	4.5	184
10	The utility of LNA in microRNA-based cancer diagnostics and therapeutics. Seminars in Cancer Biology, 2008, 18, 89-102.	9.6	175
11	Experimental identification of microRNA-140 targets by silencing and overexpressing miR-140. Rna, 2008, 14, 2513-2520.	3.5	102
12	Assessing unintended hybridization-induced biological effects of oligonucleotides. Nature Biotechnology, 2012, 30, 920-923.	17.5	86
13	Hepatotoxic Potential of Therapeutic Oligonucleotides Can Be Predicted from Their Sequence and Modification Pattern. Nucleic Acid Therapeutics, 2013, 23, 302-310.	3.6	80
14	Inhibition of histone H3K27 demethylases selectively modulates inflammatory phenotypes of natural killer cells. Journal of Biological Chemistry, 2018, 293, 2422-2437.	3.4	72
15	MicroRNA Silencing in Primates: Towards Development of Novel Therapeutics: Figure 1.. Cancer Research, 2009, 69, 393-395.	0.9	70
16	Computational evidence for hundreds of non-conserved plant microRNAs. BMC Genomics, 2005, 6, 119.	2.8	69
17	Managing the sequence-specificity of antisense oligonucleotides in drug discovery. Nucleic Acids Research, 2017, 45, 2262-2282.	14.5	69
18	Histone H3K27me3 demethylases regulate human Th17 cell development and effector functions by impacting on metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6056-6066.	7.1	61

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19	Intragenomic Matching Reveals a Huge Potential for miRNA-Mediated Regulation in Plants. PLoS Computational Biology, 2007, 3, e238.	3.2	59
20	Targeting of microRNAs for therapeutics. Biochemical Society Transactions, 2008, 36, 1197-1200.	3.4	48
21	A Kinetic Model Explains Why Shorter and Less Affine Enzyme-recruiting Oligonucleotides Can Be More Potent. Molecular Therapy - Nucleic Acids, 2014, 3, e149.	5.1	44
22	Identifying and avoiding off-target effects of RNase H-dependent antisense oligonucleotides in mice. Nucleic Acids Research, 2018, 46, 5366-5380.	14.5	43
23	Identification and analysis of miRNAs in human breast cancer and teratoma samples using deep sequencing. BMC Medical Genomics, 2009, 2, 35.	1.5	40
24	The Virus-Encoded Chemokine vMIP-II Inhibits Virus-Induced Tc1-Driven Inflammation. Journal of Virology, 2003, 77, 7393-7400.	3.4	32
25	RNase H sequence preferences influence antisense oligonucleotide efficiency. Nucleic Acids Research, 2017, 45, 12932-12944.	14.5	31
26	Quantum Mechanical Studies of DNA and LNA. Nucleic Acid Therapeutics, 2014, 24, 139-148.	3.6	19
27	Viral leads for chemokine-modulatory drugs. Trends in Pharmacological Sciences, 2003, 24, 126-130.	8.7	18
28	miRMaid: a unified programming interface for microRNA data resources. BMC Bioinformatics, 2010, 11, 29.	2.6	15
29	Dissecting the target specificity of RNase H recruiting oligonucleotides using massively parallel reporter analysis of short RNA motifs. Nucleic Acids Research, 2015, 43, 8476-8487.	14.5	7
30	Targeting Repeated Regions Unique to a Gene Is an Effective Strategy for Discovering Potent and Efficacious Antisense Oligonucleotides. Molecular Therapy - Nucleic Acids, 2020, 19, 124-131.	5.1	3