

Annaleen Vermeulen

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

888
citations

840776

11
h-index

1125743

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13
all docs

13
docs citations

13
times ranked

1574
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Profiling Reveals Critical Role for miRNA in Differentiation of Human Mesenchymal Stem Cells. PLoS ONE, 2009, 4, e5605.	2.5	162
2	Systematic analysis of CRISPR-Cas9 mismatch tolerance reveals low levels of off-target activity. Journal of Biotechnology, 2015, 211, 56-65.	3.8	135
3	Double-stranded regions are essential design components of potent inhibitors of RISC function. Rna, 2007, 13, 723-730.	3.5	99
4	Combined agonist-antagonist genome-wide functional screening identifies broadly active antiviral microRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13830-13835.	7.1	96
5	Determining DNA Global Structure and DNA Bending by Application of NMR Residual Dipolar Couplings. Journal of the American Chemical Society, 2000, 122, 9638-9647.	13.7	93
6	Versatility of chemically synthesized guide RNAs for CRISPR-Cas9 genome editing. Journal of Biotechnology, 2016, 233, 74-83.	3.8	73
7	Specificity and functionality of microRNA inhibitors. Silence: A Journal of RNA Regulation, 2010, 1, 10.	8.1	69
8	Comparison of the Global Structure and Dynamics of Native and Unmodified tRNAval. Biochemistry, 2005, 44, 6024-6033.	2.5	50
9	Incorporating residual dipolar couplings into the NMR solution structure determination of nucleic acids. Biopolymers, 1999, 52, 168-180.	2.4	38
10	Optimized PCR Conditions and Increased shRNA Fold Representation Improve Reproducibility of Pooled shRNA Screens. PLoS ONE, 2012, 7, e42341.	2.5	33
11	High-content analysis screening for cell cycle regulators using arrayed synthetic crRNA libraries. Journal of Biotechnology, 2017, 251, 189-200.	3.8	25
12	CRISPR-mediated transcriptional activation with synthetic guide RNA. Journal of Biotechnology, 2020, 319, 25-35.	3.8	12
13	The Power Decoder Simulator for the Evaluation of Pooled shRNA Screen Performance. Journal of Biomolecular Screening, 2015, 20, 965-975.	2.6	3