

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

13
g-index

13
all docs

13
docs citations

13
times ranked

1574
citing authors

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