

Eli J Fine

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

4,444
citations

14
h-index

18
g-index

18
ext. papers

5,194
ext. citations

12.1
avg, IF

5.07
L-index

#	Paper	IF	Citations
17	DNA targeting specificity of RNA-guided Cas9 nucleases. <i>Nature Biotechnology</i> , 2013 , 31, 827-32	44.5	3056
16	CRISPR/Cas9 systems targeting β globin and CCR5 genes have substantial off-target activity. <i>Nucleic Acids Research</i> , 2013 , 41, 9584-92	20.1	456
15	COSMID: A Web-based Tool for Identifying and Validating CRISPR/Cas Off-target Sites. <i>Molecular Therapy - Nucleic Acids</i> , 2014 , 3, e214	10.7	219
14	TALENs facilitate targeted genome editing in human cells with high specificity and low cytotoxicity. <i>Nucleic Acids Research</i> , 2014 , 42, 6762-73	20.1	130
13	Quantifying on- and off-target genome editing. <i>Trends in Biotechnology</i> , 2015 , 33, 132-40	15.1	102
12	An online bioinformatics tool predicts zinc finger and TALE nuclease off-target cleavage. <i>Nucleic Acids Research</i> , 2014 , 42, e42	20.1	100
11	Quantifying genome-editing outcomes at endogenous loci with SMRT sequencing. <i>Cell Reports</i> , 2014 , 7, 293-305	10.6	94
10	Nuclease Target Site Selection for Maximizing On-target Activity and Minimizing Off-target Effects in Genome Editing. <i>Molecular Therapy</i> , 2016 , 24, 475-87	11.7	87
9	SAPTA: a new design tool for improving TALE nuclease activity. <i>Nucleic Acids Research</i> , 2014 , 42, e47	20.1	43
8	CRISPR/Cas9 microinjection in oocytes disables pancreas development in sheep. <i>Scientific Reports</i> , 2017 , 7, 17472	4.9	39
7	TALENs Facilitate Single-step Seamless SDF Correction of F508del CFTR in Airway Epithelial Submucosal Gland Cell-derived CF-iPSCs. <i>Molecular Therapy - Nucleic Acids</i> , 2016 , 5, e273	10.7	32
6	Trans-spliced Cas9 allows cleavage of HBB and CCR5 genes in human cells using compact expression cassettes. <i>Scientific Reports</i> , 2015 , 5, 10777	4.9	28
5	Preclinical Development of a Hematopoietic Stem and Progenitor Cell Bioengineered Factor VIII Lentiviral Vector Gene Therapy for Hemophilia A. <i>Human Gene Therapy</i> , 2018 , 29, 1183-1201	4.8	26
4	Nanomedicine: tiny particles and machines give huge gains. <i>Annals of Biomedical Engineering</i> , 2014 , 42, 243-59	4.7	21
3	Codon swapping of zinc finger nucleases confers expression in primary cells and in vivo from a single lentiviral vector. <i>Current Gene Therapy</i> , 2014 , 14, 365-76	4.3	7
2	Identification of off-target cleavage sites of zinc finger nucleases and TAL effector nucleases using predictive models. <i>Methods in Molecular Biology</i> , 2014 , 1114, 371-83	1.4	4
1	Strategies to Determine Off-Target Effects of Engineered Nucleases. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 187-222	3.6	

