

# Eli J Fine

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5145920/publications.pdf>

Version: 2024-02-01

17  
papers

5,689  
citations

623188

14  
h-index

940134

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

10307  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA targeting specificity of RNA-guided Cas9 nucleases. <i>Nature Biotechnology</i> , 2013, 31, 827-832.	9.4	3,953
2	CRISPR/Cas9 systems targeting $\beta$ -globin and CCR5 genes have substantial off-target activity. <i>Nucleic Acids Research</i> , 2013, 41, 9584-9592.	6.5	544
3	COSMID: A Web-based Tool for Identifying and Validating CRISPR/Cas Off-target Sites. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e214.	2.3	315
4	TALENs facilitate targeted genome editing in human cells with high specificity and low cytotoxicity. <i>Nucleic Acids Research</i> , 2014, 42, 6762-6773.	6.5	165
5	Quantifying on- and off-target genome editing. <i>Trends in Biotechnology</i> , 2015, 33, 132-140.	4.9	127
6	Quantifying Genome-Editing Outcomes at Endogenous Loci with SMRT Sequencing. <i>Cell Reports</i> , 2014, 7, 293-305.	2.9	115
7	An online bioinformatics tool predicts zinc finger and TALE nuclease off-target cleavage. <i>Nucleic Acids Research</i> , 2014, 42, e42-e42.	6.5	109
8	Nuclease Target Site Selection for Maximizing On-target Activity and Minimizing Off-target Effects in Genome Editing. <i>Molecular Therapy</i> , 2016, 24, 475-487.	3.7	100
9	CRISPR/Cas9 microinjection in oocytes disables pancreas development in sheep. <i>Scientific Reports</i> , 2017, 7, 17472.	1.6	61
10	SAPTA: a new design tool for improving TALE nuclease activity. <i>Nucleic Acids Research</i> , 2014, 42, e47-e47.	6.5	49
11	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.	1.4	39
12	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.	2.3	38
13	Trans-spliced Cas9 allows cleavage of HBB and CCR5 genes in human cells using compact expression cassettes. <i>Scientific Reports</i> , 2015, 5, 10777.	1.6	34
14	Nanomedicine: Tiny Particles and Machines Give Huge Gains. <i>Annals of Biomedical Engineering</i> , 2014, 42, 243-259.	1.3	26
15	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, 365-376.	0.9	8
16	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, 371-383.	0.4	5
17	Strategies to Determine Off-Target Effects of Engineered Nucleases. <i>Advances in Experimental Medicine and Biology</i> , 2016, , 187-222.	0.8	0