

James E Dicarlo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9445062/publications.pdf>

Version: 2024-02-01

13
papers

11,158
citations

758635

12
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

17253
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-Guided Human Genome Engineering via Cas9. <i>Science</i> , 2013, 339, 823-826.	6.0	8,009
2	Genome engineering in <i>Saccharomyces cerevisiae</i> using CRISPR-Cas systems. <i>Nucleic Acids Research</i> , 2013, 41, 4336-4343.	6.5	1,374
3	Total Synthesis of a Functional Designer Eukaryotic Chromosome. <i>Science</i> , 2014, 344, 55-58.	6.0	486
4	Design of a synthetic yeast genome. <i>Science</i> , 2017, 355, 1040-1044.	6.0	464
5	Safeguarding CRISPR-Cas9 gene drives in yeast. <i>Nature Biotechnology</i> , 2015, 33, 1250-1255.	9.4	291
6	A CRISPR-Cas9-based gene drive platform for genetic interaction analysis in <i>Candida albicans</i> . <i>Nature Microbiology</i> , 2018, 3, 73-82.	5.9	135
7	Yeast Oligo-Mediated Genome Engineering (YOGE). <i>ACS Synthetic Biology</i> , 2013, 2, 741-749.	1.9	133
8	Gene therapy and genome surgery in the retina. <i>Journal of Clinical Investigation</i> , 2018, 128, 2177-2188.	3.9	111
9	High-throughput creation and functional profiling of DNA sequence variant libraries using CRISPR-Cas9 in yeast. <i>Nature Biotechnology</i> , 2018, 36, 540-546.	9.4	87
10	CRISPR applications in ophthalmologic genome surgery. <i>Current Opinion in Ophthalmology</i> , 2017, 28, 252-259.	1.3	27
11	Viral Vectors, Engineered Cells and the CRISPR Revolution. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1016, 3-27.	0.8	15
12	CRISPR-Cas Genome Surgery in Ophthalmology. <i>Translational Vision Science and Technology</i> , 2017, 6, 13.	1.1	15
13	Dissection of Human Retina and RPE-Choroid for Proteomic Analysis. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	5