

# Jared Carlson-Stevermer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1352579/publications.pdf>

Version: 2024-02-01

19  
papers

1,374  
citations

758635

12  
h-index

940134

16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3080  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	6.0	508
2	Genetic Screens Identify Host Factors for SARS-CoV-2 and Common Cold Coronaviruses. <i>Cell</i> , 2021, 184, 106-119.e14.	13.5	320
3	Assembly of CRISPR ribonucleoproteins with biotinylated oligonucleotides via an RNA aptamer for precise gene editing. <i>Nature Communications</i> , 2017, 8, 1711.	5.8	121
4	CRISPR/Cas9 editing of APP C-terminus attenuates $\beta$ -cleavage and promotes $\gamma$ -cleavage. <i>Nature Communications</i> , 2019, 10, 53.	5.8	81
5	A tortoise-hare pattern seen in adapting structured and unstructured populations suggests a rugged fitness landscape in bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7530-7535.	3.3	78
6	Inhibitors of VPS34 and fatty-acid metabolism suppress SARS-CoV-2 replication. <i>Cell Reports</i> , 2021, 36, 109479.	2.9	51
7	BRD2 inhibition blocks SARS-CoV-2 infection by reducing transcription of the host cell receptor ACE2. <i>Nature Cell Biology</i> , 2022, 24, 24-34.	4.6	47
8	CRISPRoff enables spatio-temporal control of CRISPR editing. <i>Nature Communications</i> , 2020, 11, 5041.	5.8	33
9	High content analysis platform for optimization of lipid mediated CRISPR-Cas9 delivery strategies in human cells. <i>Acta Biomaterialia</i> , 2016, 34, 143-158.	4.1	25
10	Identification of DAXX as a restriction factor of SARS-CoV-2 through a CRISPR/Cas9 screen. <i>Nature Communications</i> , 2022, 13, 2442.	5.8	25
11	High-Content Analysis of CRISPR-Cas9 Gene-Edited Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 109-120.	2.3	23
12	Nanofibrous Electrospun Polymers for Reprogramming Human Cells. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 379-393.	1.0	18
13	Increasing the precision of gene editing in vitro, ex vivo, and in vivo. <i>Current Opinion in Biomedical Engineering</i> , 2018, 7, 83-90.	1.8	8
14	Design of efficacious somatic cell genome editing strategies for recessive and polygenic diseases. <i>Nature Communications</i> , 2020, 11, 6277.	5.8	7
15	Tracking and Predicting Human Somatic Cell Reprogramming Using Nuclear Characteristics. <i>Biophysical Journal</i> , 2020, 118, 2086-2102.	0.2	6
16	Genome Editing in Human Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2017, 1590, 165-174.	0.4	4
17	The role of deleterious mutations in the adaptation to a novel environment. , 0, , .		1
18	A CRISPR/Cas9 Based Strategy to Manipulate the Alzheimers Amyloid Pathway. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Lego blocks for precise gene editing. , 2018, 04, .		0