

Summer B Thyme

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8901191/publications.pdf>

Version: 2024-02-01

13
papers

2,745
citations

840776

11
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

5569
citing authors

#	ARTICLE	IF	CITATIONS
1	CHOPCHOP v2: a web tool for the next generation of CRISPR genome engineering. <i>Nucleic Acids Research</i> , 2016, 44, W272-W276.	14.5	801
2	Efficient Mutagenesis by Cas9 Protein-Mediated Oligonucleotide Insertion and Large-Scale Assessment of Single-Guide RNAs. <i>PLoS ONE</i> , 2014, 9, e98186.	2.5	794
3	Macromolecular modeling and design in Rosetta: recent methods and frameworks. <i>Nature Methods</i> , 2020, 17, 665-680.	19.0	513
4	Phenotypic Landscape of Schizophrenia-Associated Genes Defines Candidates and Their Shared Functions. <i>Cell</i> , 2019, 177, 478-491.e20.	28.9	159
5	Internal guide RNA interactions interfere with Cas9-mediated cleavage. <i>Nature Communications</i> , 2016, 7, 11750.	12.8	133
6	Kctd13 deletion reduces synaptic transmission via increased RhoA. <i>Nature</i> , 2017, 551, 227-231.	27.8	125
7	Exploitation of binding energy for catalysis and design. <i>Nature</i> , 2009, 461, 1300-1304.	27.8	86
8	Polq-Mediated End Joining Is Essential for Surviving DNA Double-Strand Breaks during Early Zebrafish Development. <i>Cell Reports</i> , 2016, 15, 707-714.	6.4	56
9	Reprogramming homing endonuclease specificity through computational design and directed evolution. <i>Nucleic Acids Research</i> , 2014, 42, 2564-2576.	14.5	31
10	Improved Modeling of Side-Chain-DNA Base Interactions and Plasticity in Protein-DNA Interface Design. <i>Journal of Molecular Biology</i> , 2012, 419, 255-274.	4.2	20
11	Mining Endonuclease Cleavage Determinants in Genomic Sequence Data. <i>Journal of Biological Chemistry</i> , 2011, 286, 32617-32627.	3.4	15
12	Progressive engineering of a homing endonuclease genome editing reagent for the murine X-linked immunodeficiency locus. <i>Nucleic Acids Research</i> , 2014, 42, 6463-6475.	14.5	8
13	Computational Design of DNA-Binding Proteins. <i>Methods in Molecular Biology</i> , 2016, 1414, 265-283.	0.9	0