

David B Thompson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8143145/publications.pdf>

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13
papers

3,297
citations

687363

13
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

5420
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic lipid-mediated delivery of proteins enables efficient protein-based genome editing in vitro and in vivo. <i>Nature Biotechnology</i> , 2015, 33, 73-80.	17.5	1,180
2	Fusion of catalytically inactive Cas9 to FokI nuclease improves the specificity of genome modification. <i>Nature Biotechnology</i> , 2014, 32, 577-582.	17.5	740
3	Treatment of autosomal dominant hearing loss by in vivo delivery of genome editing agents. <i>Nature</i> , 2018, 553, 217-221.	27.8	412
4	Small molecule-triggered Cas9 protein with improved genome-editing specificity. <i>Nature Chemical Biology</i> , 2015, 11, 316-318.	8.0	364
5	Multisystem inflammatory syndrome in children is driven by zonulin-dependent loss of gut mucosal barrier. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	170
6	Discovery and Characterization of a Peptide That Enhances Endosomal Escape of Delivered Proteins in Vitro and in Vivo. <i>Journal of the American Chemical Society</i> , 2015, 137, 14084-14093.	13.7	109
7	Engineering and Identifying Supercharged Proteins for Macromolecule Delivery into Mammalian Cells. <i>Methods in Enzymology</i> , 2012, 503, 293-319.	1.0	97
8	Cellular Uptake Mechanisms and Endosomal Trafficking of Supercharged Proteins. <i>Chemistry and Biology</i> , 2012, 19, 831-843.	6.0	80
9	A programmable Cas9-serine recombinase fusion protein that operates on DNA sequences in mammalian cells. <i>Nucleic Acids Research</i> , 2016, 44, gkw707.	14.5	46
10	The Future of Multiplexed Eukaryotic Genome Engineering. <i>ACS Chemical Biology</i> , 2018, 13, 313-325.	3.4	30
11	High-resolution specificity profiling and off-target prediction for site-specific DNA recombinases. <i>Nature Communications</i> , 2019, 10, 1937.	12.8	22
12	A SARS-CoV-2 Neutralization Assay Using Single Molecule Arrays. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25966-25972.	13.8	21
13	An anionic human protein mediates cationic liposome delivery of genome editing proteins into mammalian cells. <i>Nature Communications</i> , 2019, 10, 2905.	12.8	20