

Michael S Packer

List of Publications by Year in descending order

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11
papers

8,925
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

7225
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of cytosine base editing and adenine base editing as a potential treatment for alpha-1 antitrypsin deficiency. <i>Molecular Therapy</i> , 2022, 30, 1396-1406.	8.2	13
2	Phage-assisted evolution of botulinum neurotoxin proteases with reprogrammed specificity. <i>Science</i> , 2021, 371, 803-810.	12.6	46
3	Adenine base editing reduces misfolded protein accumulation and toxicity in alpha-1 antitrypsin deficient patient iPSC-hepatocytes. <i>Molecular Therapy</i> , 2021, 29, 3219-3229.	8.2	14
4	Directed evolution of adenine base editors with increased activity and therapeutic application. <i>Nature Biotechnology</i> , 2020, 38, 892-900.	17.5	299
5	Increasing the genome-targeting scope and precision of base editing with engineered Cas9-cytidine deaminase fusions. <i>Nature Biotechnology</i> , 2017, 35, 371-376.	17.5	609
6	Programmable base editing of A to C in genomic DNA without DNA cleavage. <i>Nature</i> , 2017, 551, 464-471.	27.8	2,807
7	Phage-assisted continuous evolution of proteases with altered substrate specificity. <i>Nature Communications</i> , 2017, 8, 956.	12.8	85
8	Improved base excision repair inhibition and bacteriophage Mu Gam protein yields C:G-to-T:A base editors with higher efficiency and product purity. <i>Science Advances</i> , 2017, 3, eaao4774.	10.3	582
9	Programmable editing of a target base in genomic DNA without double-stranded DNA cleavage. <i>Nature</i> , 2016, 533, 420-424.	27.8	3,662
10	Methods for the directed evolution of proteins. <i>Nature Reviews Genetics</i> , 2015, 16, 379-394.	16.3	699
11	A system for the continuous directed evolution of proteases rapidly reveals drug-resistance mutations. <i>Nature Communications</i> , 2014, 5, 5352.	12.8	82