Michael S Packer

List of Publications by Year
in descending order

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