

# Michael S Packer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

5,477  
citations

9  
h-index

12  
g-index

12  
ext. papers

7,312  
ext. citations

28.5  
avg, IF

6.22  
L-index

#	Paper	IF	Citations
10	Programmable editing of a target base in genomic DNA without double-stranded DNA cleavage. <i>Nature</i> , <b>2016</b> , 533, 420-4	50.4	2264
9	Programmable base editing of A:T to G:C in genomic DNA without DNA cleavage. <i>Nature</i> , <b>2017</b> , 551, 464-471	50.4	1643
8	Methods for the directed evolution of proteins. <i>Nature Reviews Genetics</i> , <b>2015</b> , 16, 379-94	30.1	487
7	Increasing the genome-targeting scope and precision of base editing with engineered Cas9-cytidine deaminase fusions. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 371-376	44.5	437
6	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> , <b>2017</b> , 3, eaao4774	14.3	380
5	Directed evolution of adenine base editors with increased activity and therapeutic application. <i>Nature Biotechnology</i> , <b>2020</b> , 38, 892-900	44.5	125
4	A system for the continuous directed evolution of proteases rapidly reveals drug-resistance mutations. <i>Nature Communications</i> , <b>2014</b> , 5, 5352	17.4	64
3	Phage-assisted continuous evolution of proteases with altered substrate specificity. <i>Nature Communications</i> , <b>2017</b> , 8, 956	17.4	49
2	Phage-assisted evolution of botulinum neurotoxin proteases with reprogrammed specificity. <i>Science</i> , <b>2021</b> , 371, 803-810	33.3	9
1	Adenine base editing reduces misfolded protein accumulation and toxicity in alpha-1 antitrypsin deficient patient iPSC-hepatocytes. <i>Molecular Therapy</i> , <b>2021</b> , 29, 3219-3229	11.7	3