Michael S Packer

List of Publications by Citations

10	5,477	9	12
papers	citations	h-index	g-index
12	7,312	28.5	6.22
ext. papers	ext. citations	avg, IF	L-index

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