Daniel B Goodman

List of Publications by Year
in descending order

13	2,599	840776 11	1125743 13
papers	citations	h-index	g-index

18	18	18	3134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-throughput functional variant screens via in vivo production of single-stranded DNA. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	53
2	Enabling multiplexed testing of pooled donor cells through whole-genome sequencing. Genome Medicine, 2018, 10, 31.	8.2	10
3	Optimizing complex phenotypes through model-guided multiplex genome engineering. Genome Biology, 2017, 18, 100.	8.8	23
4	Millstone: software for multiplex microbial genome analysis and engineering. Genome Biology, 2017, 18, 101.	8.8	5
5	DNAplotlib: Programmable Visualization of Genetic Designs and Associated Data. ACS Synthetic Biology, 2017, 6, 1115-1119.	3.8	50
6	Emergent rules for codon choice elucidated by editing rare arginine codons in Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5588-97.	7.1	48
7	Design, synthesis, and testing toward a 57-codon genome. Science, 2016, 353, 819-822.	12.6	251
8	Rational optimization of tolC as a powerful dual selectable marker for genome engineering. Nucleic Acids Research, 2014, 42, 4779-4790.	14.5	36
9	Composability of regulatory sequences controlling transcription and translation in Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14024-14029.	7.1	377
10	Genomically Recoded Organisms Expand Biological Functions. Science, 2013, 342, 357-360.	12.6	721
11	Causes and Effects of N-Terminal Codon Bias in Bacterial Genes. Science, 2013, 342, 475-479.	12.6	491
12	Precise Manipulation of Chromosomes in Vivo Enables Genome-Wide Codon Replacement. Science, 2011, 333, 348-353.	12.6	512
13	Product Length, Dye Choice, and Detection Chemistry in the Bead-Emulsion Amplification of Millions of Single DNA Molecules in Parallel. Analytical Chemistry, 2009, 81, 5770-5776.	6.5	15