

Alec A K Nielsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9909968/publications.pdf>

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10
papers

2,331
citations

932766

10
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

2522
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic circuit characterization by inferring RNA polymerase movement and ribosome usage. Nature Communications, 2020, 11, 5001.	5.8	40
2	Cellular checkpoint control using programmable sequential logic. Science, 2018, 361, .	6.0	91
3	Deep learning to predict the lab-of-origin of engineered DNA. Nature Communications, 2018, 9, 3135.	5.8	55
4	Genetic circuit design automation. Science, 2016, 352, aac7341.	6.0	835
5	DNA Assembly in 3D Printed Fluidics. PLoS ONE, 2015, 10, e0143636.	1.1	40
6	Multi-input CRISPR-Cas genetic circuits that interface host regulatory networks. Molecular Systems Biology, 2014, 10, 763.	3.2	213
7	Permanent genetic memory with >1-byte capacity. Nature Methods, 2014, 11, 1261-1266.	9.0	202
8	Genomic mining of prokaryotic repressors for orthogonal logic gates. Nature Chemical Biology, 2014, 10, 99-105.	3.9	321
9	Advances in genetic circuit design: novel biochemistries, deep part mining, and precision gene expression. Current Opinion in Chemical Biology, 2013, 17, 878-892.	2.8	125
10	Characterization of 582 natural and synthetic terminators and quantification of their design constraints. Nature Methods, 2013, 10, 659-664.	9.0	409