

Alec A K Nielsen

List of Publications by Year in descending order

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

Version: 2024-02-01

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