

Andrew H Ng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1458382/publications.pdf>

Version: 2024-02-01

10
papers

604
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

953
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo design of bioactive protein switches. <i>Nature</i> , 2019, 572, 205-210.	27.8	190
2	Controlling CRISPR-Cas9 with ligand-activated and ligand-deactivated sgRNAs. <i>Nature Communications</i> , 2019, 10, 2127.	12.8	133
3	Modular and tunable biological feedback control using a de novo protein switch. <i>Nature</i> , 2019, 572, 265-269.	27.8	96
4	Fine-Tuning of Photoautotrophic Protein Production by Combining Promoters and Neutral Sites in the Cyanobacterium <i>Synechocystis</i> sp. Strain PCC 6803. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6857-6863.	3.1	71
5	A Toolkit for Rapid Modular Construction of Biological Circuits in Mammalian Cells. <i>ACS Synthetic Biology</i> , 2019, 8, 2593-2606.	3.8	49
6	Optogenetic Control Reveals Differential Promoter Interpretation of Transcription Factor Nuclear Translocation Dynamics. <i>Cell Systems</i> , 2020, 11, 336-353.e24.	6.2	37
7	Multidimensional Characterization of Parts Enhances Modeling Accuracy in Genetic Circuits. <i>ACS Synthetic Biology</i> , 2020, 9, 2917-2926.	3.8	15
8	Competitive Displacement of <i>De Novo</i> Designed HeteroDimers Can Reversibly Control Protein-Protein Interactions and Implement Feedback in Synthetic Circuits. , 2022, 1, 91-100.		4
9	Analysis of localized cAMP perturbations within a tissue reveal the effects of a local, dynamic gap junction state on ERK signaling. <i>PLoS Computational Biology</i> , 2022, 18, e1009873.	3.2	3
10	Synthetic transcriptional synergy. <i>Science</i> , 2019, 364, 531-532.	12.6	1