

Mathilde Koch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6665968/publications.pdf>

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7
papers

434
citations

1307594

7
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinforcement Learning for Bioretrosynthesis. ACS Synthetic Biology, 2020, 9, 157-168.	3.8	77
2	Large scale active-learning-guided exploration for in vitro protein production optimization. Nature Communications, 2020, 11, 1872.	12.8	70
3	Metabolic perceptrons for neural computing in biological systems. Nature Communications, 2019, 10, 3880.	12.8	51
4	Custom-made transcriptional biosensors for metabolic engineering. Current Opinion in Biotechnology, 2019, 59, 78-84.	6.6	72
5	Plug-and-play metabolic transducers expand the chemical detection space of cell-free biosensors. Nature Communications, 2019, 10, 1697.	12.8	99
6	A dataset of small molecules triggering transcriptional and translational cellular responses. Data in Brief, 2018, 17, 1374-1378.	1.0	26
7	Models for Cell-Free Synthetic Biology: Make Prototyping Easier, Better, and Faster. Frontiers in Bioengineering and Biotechnology, 2018, 6, 182.	4.1	33