

Caleb J Bashor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7829112/publications.pdf>

Version: 2024-02-01

14
papers

2,373
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

2845
citing authors

#	ARTICLE	IF	CITATIONS
1	A brief history of synthetic biology. <i>Nature Reviews Microbiology</i> , 2014, 12, 381-390.	28.6	646
2	Using Engineered Scaffold Interactions to Reshape MAP Kinase Pathway Signaling Dynamics. <i>Science</i> , 2008, 319, 1539-1543.	12.6	361
3	A Synthetic Biology Framework for Programming Eukaryotic Transcription Functions. <i>Cell</i> , 2012, 150, 647-658.	28.9	293
4	'Deadman' and 'Passcode' microbial kill switches for bacterial containment. <i>Nature Chemical Biology</i> , 2016, 12, 82-86.	8.0	249
5	Rewiring Cells: Synthetic Biology as a Tool to Interrogate the Organizational Principles of Living Systems. <i>Annual Review of Biophysics</i> , 2010, 39, 515-537.	10.0	174
6	Precise, automated control of conditions for high-throughput growth of yeast and bacteria with eVOLVER. <i>Nature Biotechnology</i> , 2018, 36, 614-623.	17.5	169
7	Using Targeted Chromatin Regulators to Engineer Combinatorial and Spatial Transcriptional Regulation. <i>Cell</i> , 2014, 158, 110-120.	28.9	120
8	Complex signal processing in synthetic gene circuits using cooperative regulatory assemblies. <i>Science</i> , 2019, 364, 593-597.	12.6	117
9	Engineering the next generation of cell-based therapeutics. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 655-675.	46.4	93
10	Understanding Biological Regulation Through Synthetic Biology. <i>Annual Review of Biophysics</i> , 2018, 47, 399-423.	10.0	88
11	Engineering dynamical control of cell fate switching using synthetic phospho-regulons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13528-13533.	7.1	48
12	Designing Automated, High-throughput, Continuous Cell Growth Experiments Using eVOLVER. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	10
13	Mammalian signaling circuits from bacterial parts. <i>Nature Chemical Biology</i> , 2020, 16, 110-111.	8.0	2
14	The Least Mating Pathway: Synthetically Refactoring a Familiar Signaling System for New Applications. <i>Cell</i> , 2019, 177, 521-523.	28.9	1