

Jason Fontana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9459478/publications.pdf>

Version: 2024-02-01

10
papers

742
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

835
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating artificial with natural cells to translate chemical messages that direct <i>E. coli</i> behaviour. <i>Nature Communications</i> , 2014, 5, 4012.	12.8	210
2	Two-Way Chemical Communication between Artificial and Natural Cells. <i>ACS Central Science</i> , 2017, 3, 117-123.	11.3	178
3	Synthetic CRISPR-Cas gene activators for transcriptional reprogramming in bacteria. <i>Nature Communications</i> , 2018, 9, 2489.	12.8	140
4	Effective CRISPRa-mediated control of gene expression in bacteria must overcome strict target site requirements. <i>Nature Communications</i> , 2020, 11, 1618.	12.8	65
5	Regulated Expression of sgRNAs Tunes CRISPRi in <i>E. coli</i> . <i>Biotechnology Journal</i> , 2018, 13, e1800069.	3.5	47
6	Portable bacterial CRISPR transcriptional activation enables metabolic engineering in <i>Pseudomonas putida</i> . <i>Metabolic Engineering</i> , 2021, 66, 283-295.	7.0	30
7	Challenges and opportunities with CRISPR activation in bacteria for data-driven metabolic engineering. <i>Current Opinion in Biotechnology</i> , 2020, 64, 190-198.	6.6	29
8	Multi-layer CRISPRa/i circuits for dynamic genetic programs in cell-free and bacterial systems. <i>Cell Systems</i> , 2022, 13, 215-229.e8.	6.2	15
9	Prospects for engineering dynamic CRISPR-Cas transcriptional circuits to improve bioproduction. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 481-490.	3.0	14
10	Complex dependence of CRISPR-Cas9 binding strength on guide RNA spacer lengths. <i>Physical Biology</i> , 2021, 18, 056003.	1.8	6