

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16 papers	209 citations	7 h-index	14 g-index
22 ext. papers	341 ext. citations	10.1 avg, IF	3.54 L-index

#	Paper	IF	Citations
16	Plug-and-play metabolic transducers expand the chemical detection space of cell-free biosensors. <i>Nature Communications</i> , <b>2019</b> , 10, 1697	17.4	47
15	Custom-made transcriptional biosensors for metabolic engineering. <i>Current Opinion in Biotechnology</i> , <b>2019</b> , 59, 78-84	11.4	38
14	Large scale active-learning-guided exploration for in vitro protein production optimization. <i>Nature Communications</i> , <b>2020</b> , 11, 1872	17.4	35
13	Metabolic perceptrons for neural computing in biological systems. <i>Nature Communications</i> , <b>2019</b> , 10, 3880	17.4	30
12	Optimizing Cell-Free Biosensors to Monitor Enzymatic Production. <i>ACS Synthetic Biology</i> , <b>2019</b> , 8, 1952-1957	15.7	19
11	A dataset of small molecules triggering transcriptional and translational cellular responses. <i>Data in Brief</i> , <b>2018</b> , 17, 1374-1378	1.2	18
10	Harnessing the central dogma for stringent multi-level control of gene expression. <i>Nature Communications</i> , <b>2021</b> , 12, 1738	17.4	8
9	Biosensor-based enzyme engineering approach applied to psicose biosynthesis. <i>Synthetic Biology</i> , <b>2019</b> , 4, ysz028	3.3	7
8	Plug-and-Play Metabolic Transducers Expand the Chemical Detection Space of Cell-Free Biosensors		3
7	Can scientific journals be classified based on their citation profiles? <i>South African Journal of Science</i> , <b>2015</b> , 111,	1.3	1
6	Synthetic Biology at the Hand of Cell-Free Systems <b>2020</b> , 275-288		1
5	CRISPR interference and its applications. <i>Progress in Molecular Biology and Translational Science</i> , <b>2021</b> , 180, 123-140	4	1
4	Synthetic minimal cells and their applications <b>2022</b> , 83-101		
3	Current Progress in Synthetic Genetic Networks <b>2020</b> , 17-33		
2	Advances and applications of cell-free systems for metabolic production <b>2021</b> , 407-420		
1	Microbial biosensors for discovery and engineering of enzymes and metabolism <b>2021</b> , 421-436		