

# Zachary Z Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6905257/publications.pdf>

Version: 2024-02-01

9  
papers

2,516  
citations

1307594

7  
h-index

1588992

8  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Programming cells by multiplex genome engineering and accelerated evolution. <i>Nature</i> , 2009, 460, 894-898.	27.8	1,346
2	Linear DNA for Rapid Prototyping of Synthetic Biological Circuits in an <i>Escherichia coli</i> Based TX-TL Cell-Free System. <i>ACS Synthetic Biology</i> , 2014, 3, 387-397.	3.8	302
3	Protocols for Implementing an <i>Escherichia coli</i> Based TX-TL Cell-Free Expression System for Synthetic Biology. <i>Journal of Visualized Experiments</i> , 2013, , e50762.	0.3	280
4	Rapid cell-free forward engineering of novel genetic ring oscillators. <i>ELife</i> , 2015, 4, e09771.	6.0	214
5	Rapidly Characterizing the Fast Dynamics of RNA Genetic Circuitry with Cell-Free Transcription-Translation (TX-TL) Systems. <i>ACS Synthetic Biology</i> , 2015, 4, 503-515.	3.8	154
6	Characterizing and prototyping genetic networks with cell-free transcription-translation reactions. <i>Methods</i> , 2015, 86, 60-72.	3.8	112
7	Methodologies for preparation of prokaryotic extracts for cell-free expression systems. <i>Synthetic and Systems Biotechnology</i> , 2020, 5, 252-267.	3.7	41
8	Modeling the effects of compositional context on promoter activity in an <i>E. coli</i> extract based transcription-translation system. , 2014, , .		9
9	A MATLAB toolbox for modeling genetic circuits in cell-free systems. <i>Synthetic Biology</i> , 2021, 6, ysab007.	2.2	6