

Amir Pandi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4887401/amir-pandi-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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