

Aravind Natarajan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8225145/publications.pdf>

Version: 2024-02-01

12
papers

686
citations

840776

11
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection. <i>Med</i> , 2022, 3, 371-387.e9.	4.4	165
2	Single-pot glycoprotein biosynthesis using a cell-free transcription-translation system enriched with glycosylation machinery. <i>Nature Communications</i> , 2018, 9, 2686.	12.8	149
3	A cell-free biosynthesis platform for modular construction of protein glycosylation pathways. <i>Nature Communications</i> , 2019, 10, 5404.	12.8	91
4	A cell-free platform for rapid synthesis and testing of active oligosaccharyltransferases. <i>Biotechnology and Bioengineering</i> , 2018, 115, 739-750.	3.3	67
5	Substitute sweeteners: diverse bacterial oligosaccharyltransferases with unique N-glycosylation site preferences. <i>Scientific Reports</i> , 2015, 5, 15237.	3.3	41
6	Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA. <i>Nature Communications</i> , 2021, 12, 5753.	12.8	32
7	Engineering orthogonal human O-linked glycoprotein biosynthesis in bacteria. <i>Nature Chemical Biology</i> , 2020, 16, 1062-1070.	8.0	30
8	Glyco-recoded <i>Escherichia coli</i> : Recombineering-based genome editing of native polysaccharide biosynthesis gene clusters. <i>Metabolic Engineering</i> , 2019, 53, 59-68.	7.0	29
9	Universal Genetic Assay for Engineering Extracellular Protein Expression. <i>ACS Synthetic Biology</i> , 2014, 3, 74-82.	3.8	21
10	An Engineered Survival-Selection Assay for Extracellular Protein Expression Uncovers Hypersecretory Phenotypes in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 875-883.	3.8	17
11	Metabolic engineering of glycoprotein biosynthesis in bacteria. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 419-432.	2.6	16
12	Microbes and microbiomes in 2020 and beyond. <i>Nature Communications</i> , 2020, 11, 4988.	12.8	7