Thomas J Mansell

List of Publications by Year
in descending order

25	788	623734	610901
papers	citations	14 h-index	24 g-index

28	28	28	1179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Leveraging quorum sensing to manipulate microbial dynamics. Current Opinion in Biomedical Engineering, 2021, 19, 100306.	3.4	3
2	Yeasts as probiotics: Mechanisms, outcomes, and future potential. Fungal Genetics and Biology, 2020, 137, 103333.	2.1	84
3	TNFÎ± regulates intestinal organoids from mice with both defined and conventional microbiota. International Journal of Biological Macromolecules, 2020, 164, 548-556.	7.5	6
4	Reverse engineering of fatty acid-tolerant Escherichia coli identifies design strategies for robust microbial cell factories. Metabolic Engineering, 2020, 61, 120-130.	7.0	23
5	Towards high-throughput genome engineering in lactic acid bacteria. Current Opinion in Biotechnology, 2020, 61, 181-188.	6.6	13
6	Production and Sensing of Butyrate in a Probiotic E. coli Strain. International Journal of Molecular Sciences, 2020, 21, 3615.	4.1	18
7	Prebiotics: tools to manipulate the gut microbiome and metabolome. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 1445-1459.	3.0	54
8	CRISPRâ€based curing and analysis of metabolic burden of cryptic plasmids in Escherichia coli Nissle 1917. Engineering in Life Sciences, 2019, 19, 478-485.	3.6	17
9	Improving designer glycan production in Escherichia coli through model-guided metabolic engineering. Metabolic Engineering Communications, 2019, 9, e00088.	3.6	11
10	Analysis of Fucosylated Human Milk Trisaccharides in Biotechnological Context Using Genetically Encoded Biosensors. Journal of Visualized Experiments, 2019, , .	0.3	1
11	Linkage-Specific Detection and Metabolism of Human Milk Oligosaccharides in Escherichia coli. Cell Chemical Biology, 2018, 25, 1292-1303.e4.	5.2	7
12	Lessons in Membrane Engineering for Octanoic Acid Production from Environmental Escherichia coli Isolates. Applied and Environmental Microbiology, 2018, 84, .	3.1	17
13	Parallel Mapping of Antibiotic Resistance Alleles in Escherichia coli. PLoS ONE, 2016, 11, e0146916.	2.5	15
14	Multiplexed tracking of combinatorial genomic mutations in engineered cell populations. Nature Biotechnology, 2015, 33, 631-637.	17.5	49
15	Efficient expression of full-length antibodies in the cytoplasm of engineered bacteria. Nature Communications, 2015, 6, 8072.	12.8	104
16	Engineered genetic selection links in vivo protein folding and stability with asparagineâ€linked glycosylation. Biotechnology Journal, 2013, 8, 1445-1451.	3.5	11
17	Trackable Multiplex Recombineering for Gene-Trait Mapping in E. coli. Methods in Molecular Biology, 2013, 985, 223-246.	0.9	13
18	A rapid protein folding assay for the bacterial periplasm. Protein Science, 2010, 19, 1079-1090.	7.6	28

#	Article	IF	Citations
19	A filamentous phage display system for Nâ€linked glycoproteins. Protein Science, 2010, 19, 2006-2013.	7.6	32
20	Mining mammalian genomes for folding competent proteins using Tatâ€dependent genetic selection in Escherichia coli. Protein Science, 2009, 18, 2537-2549.	7.6	17
21	Engineering Multifunctional Enzyme Systems for Optimized Metabolite Transfer between Sequential Conversion Steps. , 2009, , .		0
22	Engineering the Protein Folding Landscape in Gram-Negative Bacteria. Current Protein and Peptide Science, 2008, 9, 138-149.	1.4	13
23	Stochastic reactionâ€“diffusion simulation of enzyme compartmentalization reveals improved catalytic efficiency for a synthetic metabolic pathway. Metabolic Engineering, 2007, 9, 355-363.	7.0	31
24	Ligand binding and allostery can emerge simultaneously. Protein Science, 2007, 16, 929-937.	7.6	28
25	Directed evolution of protein switches and their application to the creation of ligand-binding proteins. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11224-11229.	7.1	191