

J Andrew Jones

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,153
citations

516215

16
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

2398
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Burden: Cornerstones in Synthetic Biology and Metabolic Engineering Applications. Trends in Biotechnology, 2016, 34, 652-664.	4.9	463
2	Experimental and computational optimization of an Escherichia coli co-culture for the efficient production of flavonoids. Metabolic Engineering, 2016, 35, 55-63.	3.6	210
3	Metabolic pathway balancing and its role in the production of biofuels and chemicals. Current Opinion in Biotechnology, 2015, 33, 52-59.	3.3	176
4	Complete Biosynthesis of Anthocyanins Using <i>E. coli</i> Polycultures. MBio, 2017, 8, .	1.8	157
5	CRISPathBrick: Modular Combinatorial Assembly of Type II-A CRISPR Arrays for dCas9-Mediated Multiplex Transcriptional Repression in <i>E. coli</i> . ACS Synthetic Biology, 2015, 4, 987-1000.	1.9	144
6	Engineering the biological conversion of methanol to specialty chemicals in Escherichia coli. Metabolic Engineering, 2017, 39, 49-59.	3.6	137
7	ePathOptimize: A Combinatorial Approach for Transcriptional Balancing of Metabolic Pathways. Scientific Reports, 2015, 5, 11301.	1.6	126
8	Production of chondroitin in metabolically engineered E. coli. Metabolic Engineering, 2015, 27, 92-100.	3.6	117
9	Improvement of catechin production in Escherichia coli through combinatorial metabolic engineering. Metabolic Engineering, 2015, 28, 43-53.	3.6	116
10	Use of bacterial co-cultures for the efficient production of chemicals. Current Opinion in Biotechnology, 2018, 53, 33-38.	3.3	107
11	Effect of Genomic Integration Location on Heterologous Protein Expression and Metabolic Engineering in <i>E. coli</i> . ACS Synthetic Biology, 2017, 6, 710-720.	1.9	93
12	Naringenin-responsive riboswitch-based fluorescent biosensor module for <i>Escherichia coli</i> co-cultures. Biotechnology and Bioengineering, 2017, 114, 2235-2244.	1.7	83
13	Rapid generation of CRISPR/dCas9-regulated, orthogonally repressible hybrid T7-lac promoters for modular, tuneable control of metabolic pathway fluxes in <i>Escherichia coli</i> . Nucleic Acids Research, 2016, 44, 4472-4485.	6.5	74
14	Optimization of naringenin and <i>p</i> -coumaric acid hydroxylation using the native <i>E. coli</i> hydroxylase complex, HpaBC. Biotechnology Progress, 2016, 32, 21-25.	1.3	56
15	In vivo production of psilocybin in E. coli. Metabolic Engineering, 2019, 56, 111-119.	3.6	42
16	Deciphering flux adjustments of engineered E. coli cells during fermentation with changing growth conditions. Metabolic Engineering, 2017, 39, 247-256.	3.6	33
17	Effects of wind and choice of cover material on the yield of a passive solar still. Desalination and Water Treatment, 2014, 52, 48-56.	1.0	9
18	Development of an E. coli-based norbaeocystin production platform and evaluation of behavioral effects in rats. Metabolic Engineering Communications, 2022, 14, e00196.	1.9	8

#	ARTICLE	IF	CITATIONS
19	Homebrewed psilocybin: can new routes for pharmaceutical psilocybin production enable recreational use?. <i>Bioengineered</i> , 2021, 12, 8863-8871.	1.4	2
20	Learning From Nature: Using Microbial Consortia To Improve Biochemical Synthesis. , 2018, , .		0