

Katherine J Chou

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,250
citations

932766

10
h-index

1125271

13
g-index

17
all docs

17
docs citations

17
times ranked

1636
citing authors

#	ARTICLE	IF	CITATIONS
1	An uncharacteristically low-potential flavin governs the energy landscape of electron bifurcation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117882119.	3.3	5
2	Acetyl-CoA synthesis through a bicyclic carbon-fixing pathway in gas-fermenting bacteria. , 2022, 1, 615-625.		16
3	Electrons and Protons Renewable Hydrogen From Biomass Fermentation. , 2021, , 551-559.		3
4	Genome-Wide Transcription Factor DNA Binding Sites and Gene Regulatory Networks in <i>Clostridium thermocellum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 695517.	1.5	3
5	Integrated thermodynamic analysis of electron bifurcating [FeFe]-hydrogenase to inform anaerobic metabolism and H ₂ production. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148087.	0.5	17
6	Transcriptomic analysis of a <i>Clostridium thermocellum</i> strain engineered to utilize xylose: responses to xylose versus cellobiose feeding. <i>Scientific Reports</i> , 2020, 10, 14517.	1.6	6
7	Developing Riboswitch-Mediated Gene Regulatory Controls in Thermophilic Bacteria. <i>ACS Synthetic Biology</i> , 2019, 8, 633-640.	1.9	28
8	Engineering cellulolytic bacterium <i>Clostridium thermocellum</i> to co-ferment cellulose and hemicellulose-derived sugars simultaneously. <i>Biotechnology and Bioengineering</i> , 2018, 115, 1755-1763.	1.7	63
9	Isotope-Assisted Metabolite Analysis Sheds Light on Central Carbon Metabolism of a Model Cellulolytic Bacterium <i>Clostridium thermocellum</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1947.	1.5	20
10	CO ₂ -fixing one-carbon metabolism in a cellulose-degrading bacterium <i>Clostridium thermocellum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13180-13185.	3.3	48
11	Educational Effectiveness of an HIV Pretest Video for Adolescents: A Randomized Controlled Trial. <i>Pediatrics</i> , 2011, 127, 911-916.	1.0	35
12	Metabolic engineering of <i>Escherichia coli</i> for 1-butanol production. <i>Metabolic Engineering</i> , 2008, 10, 305-311.	3.6	764
13	Interactions of nitrosylhemoglobin and carboxyhemoglobin with erythrocyte. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 18, 122-135.	1.2	0
14	Determination of the <i>Escherichia coli</i> S-Nitrosoglutathione Response Network Using Integrated Biochemical and Systems Analysis. <i>Journal of Biological Chemistry</i> , 2008, 283, 5148-5157.	1.6	36
15	Differential Association of Hemoglobin with Proinflammatory High Density Lipoproteins in Atherogenic/Hyperlipidemic Mice. <i>Journal of Biological Chemistry</i> , 2007, 282, 23698-23707.	1.6	69
16	Integrated network analysis identifies nitric oxide response networks and dihydroxyacid dehydratase as a crucial target in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8484-8489.	3.3	136