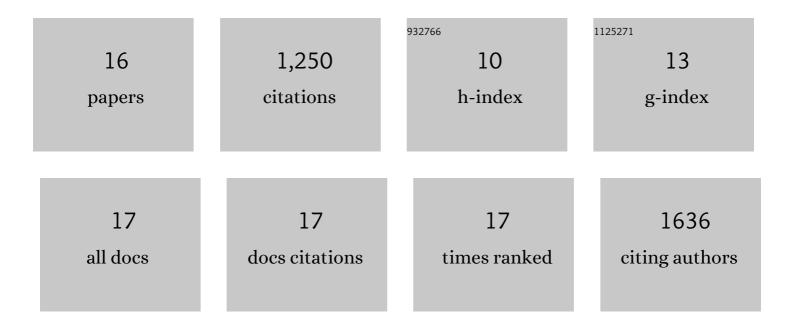
Katherine J Chou

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An uncharacteristically low-potential flavin governs the energy landscape of electron bifurcation. Proceedings of the National Academy of Sciences of the United States of America, 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 Clostridium thermocellum. Frontiers in Microbiology, 2021, 12, 695517.	1.5	3
5	Integrated thermodynamic analysis of electron bifurcating [FeFe]-hydrogenase to inform anaerobic metabolism and H2 production. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148087.	0.5	17
6	Transcriptomic analysis of a Clostridium thermocellum strain engineered to utilize xylose: responses to xylose versus cellobiose feeding. Scientific Reports, 2020, 10, 14517.	1.6	6
7	Developing Riboswitch-Mediated Gene Regulatory Controls in Thermophilic Bacteria. ACS Synthetic Biology, 2019, 8, 633-640.	1.9	28
8	Engineering cellulolytic bacterium <i>Clostridium thermocellum</i> to coâ€ferment cellulose―and hemicelluloseâ€derived sugars simultaneously. Biotechnology and Bioengineering, 2018, 115, 1755-1763.	1.7	63
9	Isotope-Assisted Metabolite Analysis Sheds Light on Central Carbon Metabolism of a Model Cellulolytic Bacterium Clostridium thermocellum. Frontiers in Microbiology, 2018, 9, 1947.	1.5	20
10	CO ₂ -fixing one-carbon metabolism in a cellulose-degrading bacterium <i>Clostridium thermocellum</i> . Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13180-13185.	3.3	48
11	Educational Effectiveness of an HIV Pretest Video for Adolescents: A Randomized Controlled Trial. Pediatrics, 2011, 127, 911-916.	1.0	35
12	Metabolic engineering of Escherichia coli for 1-butanol production. Metabolic Engineering, 2008, 10, 305-311.	3.6	764
13	Interactions of nitrosylhemoglobin and carboxyhemoglobin with erythrocyte. Nitric Oxide - Biology and Chemistry, 2008, 18, 122-135.	1.2	0
14	Determination of the Escherichia coli S-Nitrosoglutathione Response Network Using Integrated Biochemical and Systems Analysis. Journal of Biological Chemistry, 2008, 283, 5148-5157.	1.6	36
15	Differential Association of Hemoglobin with Proinflammatory High Density Lipoproteins in Atherogenic/Hyperlipidemic Mice. Journal of Biological Chemistry, 2007, 282, 23698-23707.	1.6	69
16	Integrated network analysis identifies nitric oxide response networks and dihydroxyacid dehydratase as a crucial target in Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8484-8489.	3.3	136