

# M Ahsanul Islam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2196151/publications.pdf>

Version: 2024-02-01

11  
papers

322  
citations

1039880

9  
h-index

1281743

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic substrate cofeeding stimulates reductive metabolism. <i>Nature Metabolism</i> , 2019, 1, 643-651.	5.1	71
2	Synthetic biology strategies for improving microbial synthesis of “green” biopolymers. <i>Journal of Biological Chemistry</i> , 2018, 293, 5053-5061.	1.6	53
3	Characterizing the Metabolism of <i>Dehalococcoides</i> with a Constraint-Based Model. <i>PLoS Computational Biology</i> , 2010, 6, e1000887.	1.5	46
4	Investigating <i>Moorella thermoacetica</i> metabolism with a genome-scale constraint-based metabolic model. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 869-882.	0.6	33
5	Genetic and metabolic engineering challenges of C1-gas fermenting acetogenic chassis organisms. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	3.9	32
6	Sustained Dechlorination of Vinyl Chloride to Ethene in <i>Dehalococcoides</i> -Enriched Cultures Grown without Addition of Exogenous Vitamins and at Low pH. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11364-11374.	4.6	27
7	Exploring biochemical pathways for mono-ethylene glycol (MEG) synthesis from synthesis gas. <i>Metabolic Engineering</i> , 2017, 41, 173-181.	3.6	26
8	New Insights into <i>Dehalococcoides mccartyi</i> Metabolism from a Reconstructed Metabolic Network-Based Systems-Level Analysis of <i>D. mccartyi</i> Transcriptomes. <i>PLoS ONE</i> , 2014, 9, e94808.	1.1	14
9	Prospecting Biochemical Pathways to Implement Microbe-Based Production of the New-to-Nature Platform Chemical Levulinic Acid. <i>ACS Synthetic Biology</i> , 2021, 10, 724-736.	1.9	13
10	Design, Analysis, and Implementation of a Novel Biochemical Pathway for Ethylene Glycol Production in <i>Clostridium autoethanogenum</i> . <i>ACS Synthetic Biology</i> , 2022, 11, 1790-1800.	1.9	6
11	Experimental validation of in silico model-predicted isocitrate dehydrogenase and phosphomannose isomerase from <i>D. ehalococcoides mccartyi</i> . <i>Microbial Biotechnology</i> , 2016, 9, 47-60.	2.0	1