

# Joshua M Mueller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6183884/publications.pdf>

Version: 2024-02-01

11  
papers

839  
citations

1040056

9  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Value of storage technologies for wind and solar energy. <i>Nature Climate Change</i> , 2016, 6, 964-969.	18.8	275
2	Storage Requirements and Costs of Shaping Renewable Energy Toward Grid Decarbonization. <i>Joule</i> , 2019, 3, 2134-2153.	24.0	251
3	High-quality genome-scale metabolic modelling of <i>Pseudomonas putida</i> highlights its broad metabolic capabilities. <i>Environmental Microbiology</i> , 2020, 22, 255-269.	3.8	127
4	Direct biosynthesis of adipic acid from lignin-derived aromatics using engineered <i>Pseudomonas putida</i> KT2440. <i>Metabolic Engineering</i> , 2020, 59, 151-161.	7.0	44
5	Dynamic community detection reveals transient reorganization of functional brain networks across a female menstrual cycle. <i>Network Neuroscience</i> , 2021, 5, 125-144.	2.6	31
6	Metabolic engineering of <i>Escherichia coli</i> for the de novo stereospecific biosynthesis of 1,2-propanediol through lactic acid. <i>Metabolic Engineering Communications</i> , 2019, 8, e00082.	3.6	30
7	<i>Drosophila melanogaster</i> grooming possesses syntax with distinct rules at different temporal scales. <i>PLoS Computational Biology</i> , 2019, 15, e1007105.	3.2	28
8	Machine-learning from <i>Pseudomonas putida</i> KT2440 transcriptomes reveals its transcriptional regulatory network. <i>Metabolic Engineering</i> , 2022, 72, 297-310.	7.0	28
9	Improving electrodialysis based water desalination using a sulfonated Diels-Alder poly(phenylene). <i>Journal of Membrane Science</i> , 2017, 531, 103-110.	8.2	20
10	Variation and Variability in <i>Drosophila</i> Grooming Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 769372.	2.0	4
11	Control of ecological outcomes through deliberate parameter changes in a model of the gut microbiome. <i>Physical Review E</i> , 2020, 101, 052402.	2.1	0