

# Makoto A Lalwani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9587862/publications.pdf>

Version: 2024-02-01

9  
papers

556  
citations

1307594

7  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optogenetic regulation of engineered cellular metabolism for microbial chemical production. <i>Nature</i> , 2018, 555, 683-687.	27.8	266
2	Current and future modalities of dynamic control in metabolic engineering. <i>Current Opinion in Biotechnology</i> , 2018, 52, 56-65.	6.6	84
3	Optogenetic control of the lac operon for bacterial chemical and protein production. <i>Nature Chemical Biology</i> , 2021, 17, 71-79.	8.0	80
4	Optogenetic Amplification Circuits for Light-Induced Metabolic Control. <i>ACS Synthetic Biology</i> , 2021, 10, 1143-1154.	3.8	42
5	Design and Characterization of Rapid Optogenetic Circuits for Dynamic Control in Yeast Metabolic Engineering. <i>ACS Synthetic Biology</i> , 2020, 9, 3254-3266.	3.8	34
6	Optogenetic Control of Microbial Consortia Populations for Chemical Production. <i>ACS Synthetic Biology</i> , 2021, 10, 2015-2029.	3.8	30
7	The <i>Neurospora crassa</i> Inducible Q System Enables Simultaneous Optogenetic Amplification and Inversion in <i>Saccharomyces cerevisiae</i> for Bidirectional Control of Gene Expression. <i>ACS Synthetic Biology</i> , 2021, 10, 2060-2075.	3.8	11
8	Dynamical Modeling of Optogenetic Circuits in Yeast for Metabolic Engineering Applications. <i>ACS Synthetic Biology</i> , 2021, 10, 219-227.	3.8	9
9	Light-Controlled Fermentations for Microbial Chemical and Protein Production. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	0