

# Atrayee Chattopadhyay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9870682/publications.pdf>

Version: 2024-02-01

10  
papers

143  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in lipid metabolic engineering of oleaginous yeasts. <i>Biotechnology Advances</i> , 2021, 53, 107722.	11.7	40
2	An arsenate-reducing and alkane-metabolizing novel bacterium, <i>Rhizobium arsenicireducens</i> sp. nov., isolated from arsenic-rich groundwater. <i>Archives of Microbiology</i> , 2017, 199, 191-201.	2.2	36
3	Lipid production by oleaginous yeasts. <i>Advances in Applied Microbiology</i> , 2021, 116, 1-98.	2.4	14
4	Enhancement of Lipid Productivity in Oleaginous <i>Colletotrichum</i> Fungus through Genetic Transformation Using the Yeast CtDGAT2b Gene under Model-Optimized Growth Condition. <i>PLoS ONE</i> , 2014, 9, e111253.	2.5	12
5	Efficient xylose utilization leads to highest lipid productivity in <i>Candida tropicalis</i> SY005 among six yeast strains grown in mixed sugar medium. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3133-3144.	3.6	12
6	Characterization of two sugar transporters responsible for efficient xylose uptake in an oleaginous yeast <i>Candida tropicalis</i> SY005. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108645.	3.0	11
7	Engineering an oleaginous yeast <i>Candida tropicalis</i> SY005 for enhanced lipid production. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8399-8411.	3.6	8
8	Yeasts of the <i>Blastobotrys</i> genus are promising platform for lipid-based fuels and oleochemicals production. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4879-4897.	3.6	4
9	A repressor activator protein1 homologue from an oleaginous strain of <i>Candida tropicalis</i> increases storage lipid production in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2015, 15, fov013.	2.3	3
10	Identification and functional characterization of a lipid droplet protein CtLDP1 from an oleaginous yeast <i>Candida tropicalis</i> SY005. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158725.	2.4	3