

# Hongwei Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1510017/publications.pdf>

Version: 2024-02-01

22  
papers

1,255  
citations

471509

17  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1444  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-omic map of the lipid-producing yeast <i>Rhodospiridium toruloides</i> . <i>Nature Communications</i> , 2012, 3, 1112.	12.8	324
2	Microbial lipid production by <i>Rhodospiridium toruloides</i> under sulfate-limited conditions. <i>Bioresource Technology</i> , 2011, 102, 1803-1807.	9.6	184
3	Systems analysis of phosphate-limitation-induced lipid accumulation by the oleaginous yeast <i>Rhodospiridium toruloides</i> . <i>Biotechnology for Biofuels</i> , 2018, 11, 148.	6.2	78
4	Dynamics of the Lipid Droplet Proteome of the Oleaginous Yeast <i>Rhodospiridium toruloides</i> . <i>Eukaryotic Cell</i> , 2015, 14, 252-264.	3.4	71
5	Kinetics of continuous cultivation of the oleaginous yeast <i>Rhodospiridium toruloides</i> . <i>Journal of Biotechnology</i> , 2013, 168, 85-89.	3.8	68
6	Enzymatic hydrolysates of corn stover pretreated by a N-methylpyrrolidone-ionic liquid solution for microbial lipid production. <i>Green Chemistry</i> , 2012, 14, 1202.	9.0	65
7	Co-utilization of corn stover hydrolysates and biodiesel-derived glycerol by <i>Cryptococcus curvatus</i> for lipid production. <i>Bioresource Technology</i> , 2016, 219, 552-558.	9.6	61
8	Combined mutagenesis of <i>Rhodospiridium toruloides</i> for improved production of carotenoids and lipids. <i>Biotechnology Letters</i> , 2016, 38, 1733-1738.	2.2	59
9	Lipid production from corn stover by the oleaginous yeast <i>Cryptococcus curvatus</i> . <i>Biotechnology for Biofuels</i> , 2014, 7, 158.	6.2	55
10	Simultaneous utilization of glucose and mannose from spent yeast cell mass for lipid production by <i>Lipomyces starkeyi</i> . <i>Bioresource Technology</i> , 2014, 158, 383-387.	9.6	54
11	Recycling microbial lipid production wastes to cultivate oleaginous yeasts. <i>Bioresource Technology</i> , 2015, 175, 91-96.	9.6	35
12	Microbial lipid production from pectin-derived carbohydrates by oleaginous yeasts. <i>Process Biochemistry</i> , 2015, 50, 1097-1102.	3.7	28
13	Capturing CO <sub>2</sub> to reversible ionic liquids for dissolution pretreatment of cellulose towards enhanced enzymatic hydrolysis. <i>Carbohydrate Polymers</i> , 2019, 204, 50-58.	10.2	28
14	Compositional profiles of <i>Rhodospiridium toruloides</i> cells under nutrient limitation. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3801-3809.	3.6	27
15	Microbial Lipid Production from Corn Stover by the Oleaginous Yeast <i>Rhodospiridium toruloides</i> Using the PreSSLP Process. <i>Energies</i> , 2019, 12, 1053.	3.1	22
16	Expression of phosphotransacetylase in <i>Rhodospiridium toruloides</i> leading to improved cell growth and lipid production. <i>RSC Advances</i> , 2018, 8, 24673-24678.	3.6	21
17	Microbial lipid production by oleaginous yeasts on <i>Laminaria</i> residue hydrolysates. <i>RSC Advances</i> , 2016, 6, 26752-26756.	3.6	19
18	Lipid production on free fatty acids by oleaginous yeasts under non-growth conditions. <i>Bioresource Technology</i> , 2015, 193, 557-562.	9.6	18

#	ARTICLE	IF	CITATIONS
19	Catalytic Hydrodeoxygenation of Methyl Stearate and Microbial Lipids to Diesel-Range Alkanes over Pd/HPA-SiO <sub>2</sub> Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 17440-17450.	3.7	15
20	Enabling Heterologous Synthesis of Lupulones in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 787-797.	2.9	10
21	Utilization of Amino Acid-Rich Wastes for Microbial Lipid Production. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1594-1604.	2.9	7
22	Lipid Production by <i>Rhodotorula glutinis</i> in Continuous Cultivation with a Gravity Sedimentation System. <i>Indian Journal of Microbiology</i> , 2020, 60, 246-250.	2.7	3