

# Shuo-Fu Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5043696/publications.pdf>

Version: 2024-02-01

10  
papers

596  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compartmentalized microbes and co-cultures in hydrogels for on-demand bioproduction and preservation. <i>Nature Communications</i> , 2020, 11, 563.	12.8	134
2	RNA-aptamers-in-droplets (RAPID) high-throughput screening for secretory phenotypes. <i>Nature Communications</i> , 2017, 8, 332.	12.8	112
3	Metabolic engineering of microbial cell factories for production of nutraceuticals. <i>Microbial Cell Factories</i> , 2019, 18, 46.	4.0	91
4	A comparative analysis of single cell and droplet-based FACS for improving production phenotypes: Riboflavin overproduction in <i>Yarrowia lipolytica</i> . <i>Metabolic Engineering</i> , 2018, 47, 346-356.	7.0	66
5	De novo resveratrol production through modular engineering of an <i>Escherichia coli</i> – <i>Saccharomyces cerevisiae</i> co-culture. <i>Microbial Cell Factories</i> , 2020, 19, 143.	4.0	63
6	Development of a growth coupled and multi-layered dynamic regulation network balancing malonyl-CoA node to enhance (2S)-naringenin biosynthesis in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2021, 67, 41-52.	7.0	63
7	Ethanol production from dilute acid steam exploded lignocellulosic feedstocks using an isolated multistress-tolerant <i>Pichia kudriavzevii</i> strain. <i>Microbial Biotechnology</i> , 2017, 10, 1581-1590.	4.2	35
8	Sorting for secreted molecule production using a biosensor-in-microdroplet approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
9	Bioproduced Proteins On Demand (Bio-POD) in hydrogels using <i>Pichia pastoris</i> . <i>Bioactive Materials</i> , 2021, 6, 2390-2399.	15.6	13
10	Improving Spinach <sup>2</sup> -and Broccoli-based biosensors for single and double analytes. <i>Biotechnology Notes</i> , 2020, 1, 2-8.	1.2	4