

# Fengwu Bai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2615364/publications.pdf>

Version: 2024-02-01

21  
papers

1,806  
citations

567281

15  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2292  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-density cultivation of oleaginous yeast <i>Rhodospiridium toruloides</i> Y4 in fed-batch culture. <i>Enzyme and Microbial Technology</i> , 2007, 41, 312-317.	3.2	570
2	Manipulating environmental stresses and stress tolerance of microalgae for enhanced production of lipids and value-added productsâ€“A review. <i>Bioresource Technology</i> , 2017, 244, 1198-1206.	9.6	250
3	Recent advances and state-of-the-art strategies in strain and process engineering for biobutanol production by <i>Clostridium acetobutylicum</i> . <i>Biotechnology Advances</i> , 2017, 35, 310-322.	11.7	208
4	Improvement of cellulase production in <i>Trichoderma reesei</i> Rut-C30 by overexpression of a novel regulatory gene <i>Trvib-1</i> . <i>Bioresource Technology</i> , 2018, 247, 676-683.	9.6	116
5	Constitutive cellulase production from glucose using the recombinant <i>Trichoderma reesei</i> strain overexpressing an artificial transcription activator. <i>Bioresource Technology</i> , 2017, 223, 317-322.	9.6	97
6	Overproduction of cellulase by <i>Trichoderma reesei</i> RUT C30 through batch-feeding of synthesized low-cost sugar mixture. <i>Bioresource Technology</i> , 2016, 216, 503-510.	9.6	89
7	On-site cellulase production and efficient saccharification of corn stover employing <i>cbh2</i> overexpressing <i>Trichoderma reesei</i> with novel induction system. <i>Bioresource Technology</i> , 2017, 238, 643-649.	9.6	57
8	Transcriptional analysis of <i>Kluyveromyces marxianus</i> for ethanol production from inulin using consolidated bioprocessing technology. <i>Biotechnology for Biofuels</i> , 2015, 8, 115.	6.2	56
9	Deletion of acetate transporter gene <i>ADY2</i> improved tolerance of <i>Saccharomyces cerevisiae</i> against multiple stresses and enhanced ethanol production in the presence of acetic acid. <i>Bioresource Technology</i> , 2017, 245, 1461-1468.	9.6	55
10	Towards efficient bioethanol production from agricultural and forestry residues: Exploration of unique natural microorganisms in combination with advanced strain engineering. <i>Bioresource Technology</i> , 2016, 215, 84-91.	9.6	51
11	Evaluation of hydrophobic micro-zeolite-mixed matrix membrane and integrated with acetoneâ€“butanolâ€“ethanol fermentation for enhanced butanol production. <i>Biotechnology for Biofuels</i> , 2015, 8, 105.	6.2	50
12	The vital role of citrate buffer in acetoneâ€“butanolâ€“ethanol (ABE) fermentation using corn stover and high-efficient product recovery by vapor strippingâ€“vapor permeation (VSVP) process. <i>Biotechnology for Biofuels</i> , 2016, 9, 146.	6.2	43
13	Absence of <i>Rtt109p</i> , a fungal-specific histone acetyltransferase, results in improved acetic acid tolerance of <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2016, 16, fow010.	2.3	39
14	Improved ethanol production at high temperature by consolidated bioprocessing using <i>Saccharomyces cerevisiae</i> strain engineered with artificial zinc finger protein. <i>Bioresource Technology</i> , 2017, 245, 1447-1454.	9.6	31
15	Development of stress tolerant <i>Saccharomyces cerevisiae</i> strains by metabolic engineering: New aspects from cell flocculation and zinc supplementation. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 141-146.	2.2	29
16	Synergistic effect of calcium and zinc on glucose/xylose utilization and butanol tolerance of <i>Clostridium acetobutylicum</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnw023.	1.8	17
17	Metabolic engineering of <i>Zymomonas mobilis</i> for continuous co-production of bioethanol and poly-3-hydroxybutyrate (PHB). <i>Green Chemistry</i> , 2022, 24, 2588-2601.	9.0	17
18	Production of l-alanyl-l-glutamine by recycling <i>E. coli</i> expressing $\hat{\pm}$ -amino acid ester acyltransferase. <i>Bioresource Technology</i> , 2017, 245, 1603-1609.	9.6	13

#	ARTICLE	IF	CITATIONS
19	Dimorphism of <i>Trichosporon cutaneum</i> and impact on its lipid production. <i>Biotechnology for Biofuels</i> , 2019, 12, 203.	6.2	9
20	Characterization of inulinase promoter from <i>Kluyveromyces marxianus</i> for intensive protein expression in industrial biotechnology. <i>FEMS Yeast Research</i> , 2017, 17, .	2.3	4
21	Deciphering Molecular Mechanism Underlying Self-Flocculation of <i>Zymomonas mobilis</i> for Robust Production. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0239821.	3.1	4