Fengwu Bai

List of Publications by Year
in descending order

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	Metabolic engineering ofZymomonas mobilisfor continuous co-production of bioethanol and poly-3-hydroxybutyrate (PHB). Green Chemistry, 2022, 24, 2588-2601.	9.0	17
2	Deciphering Molecular Mechanism Underlying Self-Flocculation of Zymomonas mobilis for Robust Production. Applied and Environmental Microbiology, 2022, 88, e0239821.	3.1	4
3	Dimorphism of Trichosporon cutaneum and impact on its lipid production. Biotechnology for Biofuels, 2019, 12, 203.	6.2	9
4	Improvement of cellulase production in Trichoderma reesei Rut-C30 by overexpression of a novel regulatory gene Trvib-1. Bioresource Technology, 2018, 247, 676-683.	9.6	116
5	Recent advances and state-of-the-art strategies in strain and process engineering for biobutanol production by Clostridium acetobutylicum. Biotechnology Advances, 2017, 35, 310-322.	11.7	208
6	On-site cellulase production and efficient saccharification of corn stover employing cbh2 overexpressing Trichoderma reesei with novel induction system. Bioresource Technology, 2017, 238, 643-649.	9.6	57
7	Improved ethanol production at high temperature by consolidated bioprocessing using Saccharomyces cerevisiae strain engineered with artificial zinc finger protein. Bioresource Technology, 2017, 245, 1447-1454.	9.6	31
8	Production of l-alanyl-l-glutamine by recycling E. coli expressing Î±-amino acid ester acyltransferase. Bioresource Technology, 2017, 245, 1603-1609.	9.6	13
9	Manipulating environmental stresses and stress tolerance of microalgae for enhanced production of lipids and value-added productsâ€“A review. Bioresource Technology, 2017, 244, 1198-1206.	9.6	250
10	Characterization of inulinase promoter from Kluyveromyces marxianus for intensive protein expression in industrial biotechnology. FEMS Yeast Research, 2017, 17, .	2.3	4
11	Constitutive cellulase production from glucose using the recombinant Trichoderma reesei strain overexpressing an artificial transcription activator. Bioresource Technology, 2017, 223, 317-322.	9.6	97
12	Development of stress tolerant Saccharomyces cerevisiae strains by metabolic engineering: New aspects from cell flocculation and zinc supplementation. Journal of Bioscience and Bioengineering, 2017, 123, 141-146.	2.2	29
13	Deletion of acetate transporter gene ADY2 improved tolerance of Saccharomyces cerevisiae against multiple stresses and enhanced ethanol production in the presence of acetic acid. Bioresource Technology, 2017, 245, 1461-1468.	9.6	55
14	Absence of Rtt109p, a fungal-specific histone acetyltransferase, results in improved acetic acid tolerance ofSaccharomyces cerevisiae. FEMS Yeast Research, 2016, 16, fow010.	2.3	39
15	Towards efficient bioethanol production from agricultural and forestry residues: Exploration of unique natural microorganisms in combination with advanced strain engineering. Bioresource Technology, 2016, 215, 84-91.	9.6	51
16	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. Biotechnology for Biofuels, 2016, 9, 146.	6.2	43
17	Overproduction of cellulase by Trichoderma reesei RUT C30 through batch-feeding of synthesized low-cost sugar mixture. Bioresource Technology, 2016, 216, 503-510.	9.6	89
18	Synergistic effect of calcium and zinc on glucose/xylose utilization and butanol tolerance ofClostridium acetobutylicum. FEMS Microbiology Letters, 2016, 363, fnw023.	1.8	17

#	Article	IF	Citations
19	Transcriptional analysis of Kluyveromyces marxianus for ethanol production from inulin using consolidated bioprocessing technology. Biotechnology for Biofuels, 2015, 8, 115.	6.2	56
20	Evaluation of hydrophobic micro-zeolite-mixed matrix membrane and integrated with acetoneâ€“butanolâ€“ethanol fermentation for enhanced butanol production. Biotechnology for Biofuels, 2015, 8, 105.	6.2	50
21	High-density cultivation of oleaginous yeast Rhodosporidium toruloides Y4 in fed-batch culture. Enzyme and Microbial Technology, 2007, 41, 312-317.	3.2	570