Kai Gao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11028889/publications.pdf

Version: 2024-02-01

7 papers	330 citations	1307594 7 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	503 citing authors

#	Article	IF	Citations
1	Yeast chemogenomic screen identifies distinct metabolic pathways required to tolerate exposure to phenolic fermentation inhibitors ferulic acid, 4-hydroxybenzoic acid and coniferyl aldehyde. Metabolic Engineering, 2019, 52, 98-109.	7.0	39
2	Pervaporative butanol removal from PBE fermentation broths for the bioconversion of glycerol by Clostridium pasteurianum. Journal of Membrane Science, 2017, 535, 79-88.	8.2	10
3	Combined Detoxification and In-situ Product Removal by a Single Resin During Lignocellulosic Butanol Production. Scientific Reports, 2016, 6, 30533.	3.3	15
4	Butanol fermentation from microalgae-derived carbohydrates after ionic liquid extraction. Bioresource Technology, 2016, 206, 77-85.	9.6	76
5	ABE fermentation from enzymatic hydrolysate of NaOH-pretreated corncobs. Biomass and Bioenergy, 2014, 66, 110-115.	5.7	84
6	Cellulosic butanol production from alkali-pretreated switchgrass (Panicum virgatum) and phragmites (Phragmites australis). Bioresource Technology, 2014, 174, 176-181.	9.6	75
7	Screening and characteristics of a butanol-tolerant strain and butanol production from enzymatic hydrolysate of NaOH-pretreated corn stover. World Journal of Microbiology and Biotechnology, 2012, 28, 2963-2971.	3.6	31