

Kai Gao

List of Publications by Year in descending order

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

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