

Kai Zhuang

List of Publications by Year in descending order

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7
papers

695
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

1185
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-scale, multi-disciplinary approach for assessing the technological, economic and environmental performance of bio-based chemicals. <i>Biochemical Society Transactions</i> , 2015, 43, 1151-1156.	3.4	3
2	Multi-scale modeling for sustainable chemical production. <i>Biotechnology Journal</i> , 2013, 8, 973-984.	3.5	14
3	Dynamic strain scanning optimization: an efficient strain design strategy for balanced yield, titer, and productivity. DySScO strategy for strain design. <i>BMC Biotechnology</i> , 2013, 13, 8.	3.3	50
4	Economics of membrane occupancy and respiratory fermentation. <i>Molecular Systems Biology</i> , 2011, 7, 500.	7.2	162
5	Genome-scale dynamic modeling of the competition between <i>Rhodospirillum rubrum</i> and <i>Geobacter sulfurreducens</i> in anoxic subsurface environments. <i>ISME Journal</i> , 2011, 5, 305-316.	9.8	275
6	Genome-scale metabolic modeling of a clostridial co-culture for consolidated bioprocessing. <i>Biotechnology Journal</i> , 2010, 5, 726-738.	3.5	115
7	Genome-scale comparison and constraint-based metabolic reconstruction of the facultative anaerobic Fe(III)-reducer <i>Rhodospirillum rubrum</i> . <i>BMC Genomics</i> , 2009, 10, 447.	2.8	76