

Chao Li

List of Publications by Year in descending order

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17
papers

248
citations

1040056

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940533

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18
docs citations

18
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Engineering Strategies for Improved Lipid Production and Cellular Physiological Responses in Yeast <i>Saccharomyces cerevisiae</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 427.	3.5	9
2	Dynamic response of <i>Aspergillus niger</i> to periodical glucose pulse stimuli in chemostat cultures. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2265-2282.	3.3	7
3	Evaluation of an enclosed air-lift photobioreactor (ALPBR) for biomass and lipid biosynthesis of microalgal cells grown under fluid-induced shear stress. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 139-149.	1.3	10
4	Novel scale-up strategy based on three-dimensional shear space for animal cell culture. <i>Chemical Engineering Science</i> , 2020, 212, 115329.	3.8	17
5	Dynamic response of <i>Aspergillus niger</i> to single pulses of glucose with high and low concentrations. <i>Bioresources and Bioprocessing</i> , 2019, 6, .	4.2	12
6	Current-Induced Changes of Surface Morphology in Printed Ag Thin Wires. <i>Materials</i> , 2019, 12, 3288.	2.9	10
7	Numerical and experimental assessment of a miniature bioreactor equipped with a mechanical agitator and non-invasive biosensors. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2671-2683.	3.2	4
8	Numerical simulation of scaling-up an inverted frusto-conical shaking bioreactor with low shear stress for mammalian cell suspension culture. <i>Cytotechnology</i> , 2019, 71, 671-678.	1.6	2
9	Enhancing nemadectin production by <i>Streptomyces cyaneogriseus</i> ssp. <i>noncyanogenus</i> through quantitative evaluation and optimization of dissolved oxygen and shear force. <i>Bioresource Technology</i> , 2018, 255, 180-188.	9.6	16
10	Dynamic metabolic response of <i>Aspergillus niger</i> to glucose perturbation: evidence of regulatory mechanism for reduced glucoamylase production. <i>Journal of Biotechnology</i> , 2018, 287, 28-40.	3.8	8
11	Response of cellular stoichiometry and phosphorus storage of the cyanobacteria <i>Aphanizomenon flos-aquae</i> to small-scale turbulence. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 1409-1416.	0.7	3
12	CFD Simulation of Average and Local Gas-Liquid Flow Properties in Stirred Tank Reactors with Multiple Rushton Impellers. <i>Journal of Chemical Engineering of Japan</i> , 2017, 50, 878-891.	0.6	8
13	High efficiency cell-recycle continuous sodium gluconate production by <i>Aspergillus niger</i> using on-line physiological parameters association analysis to regulate feed rate rationally. <i>Bioresource Technology</i> , 2016, 220, 433-441.	9.6	14
14	High-throughput system for screening of high l-lactic acid-productivity strains in deep-well microtiter plates. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1737-1747.	3.4	24
15	Effect of Small-Scale Turbulence on the Physiology and Morphology of Two Bloom-Forming Cyanobacteria. <i>PLoS ONE</i> , 2016, 11, e0168925.	2.5	33
16	Dependence of fungal characteristics on seed morphology and shear stress in bioreactors. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 917-928.	3.4	17
17	CFD analysis of the turbulent flow in baffled shake flasks. <i>Biochemical Engineering Journal</i> , 2013, 70, 140-150.	3.6	54