Chao Li

List of Publications by Year
in descending order

17 papers	248 citations	1040056 9 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	280 citing authors

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