

Aaron Johnson

List of Publications by Year in descending order

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296
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass Transfer and Rheological Characteristics in a Stirred Tank Bioreactor for Cultivation of Escherichia coli BL21. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 766-776.	2.6	7
2	Evaluation of volumetric mass transfer coefficient in a stirred tank bioreactor using response surface methodology. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 387-401.	2.3	5
3	A Perspective on Challenges and Prospects for Applying Process Systems Engineering Tools to Fermentation-Based Biorefineries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2829-2844.	6.7	10
4	Mechanistic simulation of batch acetone-butanol-ethanol (ABE) fermentation with in situ gas stripping using Aspen Plus. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 1283-1294.	3.4	10
5	Multi-objective versus single-objective optimization of batch bioethanol production based on a time-dependent fermentation model. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1271-1285.	4.1	4
6	Impacts of Lipase Enzyme on the Surface Properties of Marine Aerosols. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3839-3849.	4.6	19
7	Interactions between Extractant Molecules: Organic-Phase Thermodynamics of TALSPEAK-MME. <i>Solvent Extraction and Ion Exchange</i> , 2017, 35, 35-48.	2.0	5
8	Synthesis and Crystal Structures of Volatile Neptunium(IV) β -Diketonates. <i>Inorganic Chemistry</i> , 2017, 56, 13553-13561.	4.0	7
9	Degradation of Bioresorbable Mg-4Zn-1Sr Intramedullary Pins and Associated Biological Responses in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44332-44355.	8.0	34
10	Full-length p53 tetramer bound to DNA and its quaternary dynamics. <i>Oncogene</i> , 2017, 36, 1451-1460.	5.9	29
11	Process Simulations Supporting a Techno-Economic Framework to Optimize Biorefinery Supply Chains. <i>Computer Aided Chemical Engineering</i> , 2015, , 1985-1990.	0.5	1
12	Education for sustainability: Developing a taxonomy of the key principles for sustainable process and product design. <i>Computers and Chemical Engineering</i> , 2015, 81, 147-152.	3.8	21
13	Incorporating environmental impact assessment into conceptual process design: A case study example. <i>Environmental Progress and Sustainable Energy</i> , 2009, 28, 30-37.	2.3	6