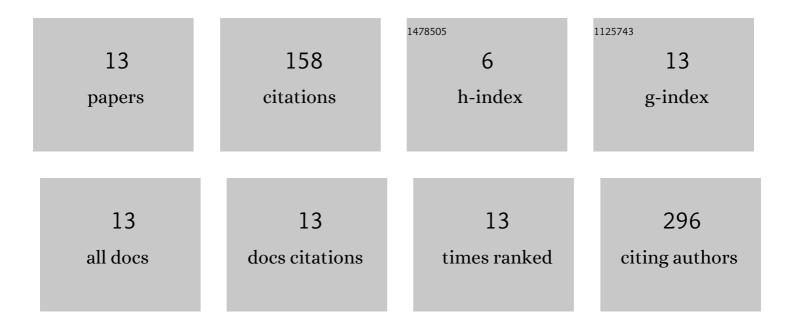
Aaron Johnson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5974803/publications.pdf Version: 2024-02-01



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