

Chyi-Shin Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9082713/publications.pdf>

Version: 2024-02-01

10
papers

81
citations

1477746
6
h-index

1473754
9
g-index

11
all docs

11
docs citations

11
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	Xylose induces cellulase production in <i>Thermoascus aurantiacus</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 271.	6.2	24
2	Simultaneous application of predictive model and least cost formulation can substantially benefit biorefineries outside Corn Belt in United States: A case study in Florida. <i>Bioresource Technology</i> , 2019, 271, 218-227.	4.8	11
3	Linear flow velocity gradient chromatography—An efficient method for increasing the process efficiency of batch and continuous capture chromatography of proteins. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1262-1272.	1.7	9
4	A regressive approach to the design of continuous capture process with multi-column chromatography for monoclonal antibodies. <i>Journal of Chromatography A</i> , 2021, 1658, 462604.	1.8	8
5	Prediction of the Performance of Capture Chromatography Processes of Proteins and Its Application to the Repeated Cyclic Operation Optimization. <i>Journal of Chemical Engineering of Japan</i> , 2020, 53, 689-697.	0.3	7
6	Accelerated Method for Designing Flow-Through Chromatography of Proteins. <i>Journal of Chemical Engineering of Japan</i> , 2020, 53, 206-213.	0.3	7
7	Optimization of Flow-Through Chromatography of Proteins. <i>Journal of Chemical Engineering of Japan</i> , 2020, 53, 214-221.	0.3	6
8	Ensemble models of feedstock blend ratios to minimize supply chain risk in bio-based manufacturing. <i>Biochemical Engineering Journal</i> , 2022, 181, 107896.	1.8	4
9	Correlation between protein desorption behavior and its adsorption enthalpy change in polymer grafted anion exchange chromatography. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111853.	2.5	3
10	Retention and diffusion characteristics of oligonucleotides in a solid phase with polymer grafted anion-exchanger. <i>Journal of Chromatography A</i> , 2020, 1629, 461495.	1.8	2