Sebastian Hans

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4955643/publications.pdf

Version: 2024-02-01

10 papers	144 citations	1478505 6 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	145 citing authors

#	Article	IF	Citations
1	A modelâ€based framework for parallel scaleâ€down fedâ€batch cultivations in miniâ€bioreactors for accelerated phenotyping. Biotechnology and Bioengineering, 2019, 116, 2906-2918.	3.3	41
2	Integrated Robotic Mini Bioreactor Platform for Automated, Parallel Microbial Cultivation With Online Data Handling and Process Control. SLAS Technology, 2019, 24, 569-582.	1.9	35
3	Accelerated Bioprocess Development of Endopolygalacturonase-Production with Saccharomyces cerevisiae Using Multivariate Prediction in a 48 Mini-Bioreactor Automated Platform. Bioengineering, 2018, 5, 101.	3.5	19
4	Automated Conditional Screening of Multiple Escherichia coli Strains in Parallel Adaptive Fed-Batch Cultivations. Bioengineering, 2020, 7, 145.	3.5	13
5	Automated Cell Treatment for Competence and Transformation of Escherichia coli in a High-Throughput Quasi-Turbidostat Using Microtiter Plates. Microorganisms, 2018, 6, 60.	3.6	11
6	Monitoring Parallel Robotic Cultivations with Online Multivariate Analysis. Processes, 2020, 8, 582.	2.8	10
7	Construction and characterization of broad-host-range reporter plasmid suitable for on-line analysis of bacterial host responses related to recombinant protein production. Microbial Cell Factories, 2019, 18, 80.	4.0	5
8	From Screening to Production: a Holistic Approach of High-throughput Model-based Screening for Recombinant Protein Production. Computer Aided Chemical Engineering, 2020, , 1723-1728.	0.5	3
9	Planning in Luxembourg: innovation and tradition under one umbrella?. Europa XXI, 2018, 35, 57-68.	0.4	2
10	Semi-Automated High-Throughput Substrate Screening Assay for Nucleoside Kinases. International Journal of Molecular Sciences, 2021, 22, 11558.	4.1	1