

Niels Krausch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8294354/publications.pdf>

Version: 2024-02-01

10
papers

190
citations

1040056

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1372567

10
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18
all docs

18
docs citations

18
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	A model-based framework for parallel scale-down fed-batch cultivations in mini-bioreactors for accelerated phenotyping. <i>Biotechnology and Bioengineering</i> , 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. <i>SLAS Technology</i> , 2019, 24, 569-582.	1.9	35
3	A UV/Vis Spectroscopy-Based Assay for Monitoring of Transformations Between Nucleosides and Nucleobases. <i>Methods and Protocols</i> , 2019, 2, 60.	2.0	21
4	Monte Carlo Simulations for the Analysis of Non-linear Parameter Confidence Intervals in Optimal Experimental Design. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 122.	4.1	21
5	Accelerated Bioprocess Development of Endopolygalacturonase-Production with <i>Saccharomyces cerevisiae</i> Using Multivariate Prediction in a 48 Mini-Bioreactor Automated Platform. <i>Bioengineering</i> , 2018, 5, 101.	3.5	19
6	Spectral Unmixing-Based Reaction Monitoring of Transformations between Nucleosides and Nucleobases. <i>ChemBioChem</i> , 2020, 21, 2604-2610.	2.6	14
7	Automated Conditional Screening of Multiple <i>Escherichia coli</i> Strains in Parallel Adaptive Fed-Batch Cultivations. <i>Bioengineering</i> , 2020, 7, 145.	3.5	13
8	Dynamic Modelling of Phosphorolytic Cleavage Catalyzed by Pyrimidine-Nucleoside Phosphorylase. <i>Processes</i> , 2019, 7, 380.	2.8	12
9	Monitoring Parallel Robotic Cultivations with Online Multivariate Analysis. <i>Processes</i> , 2020, 8, 582.	2.8	10
10	From Screening to Production: a Holistic Approach of High-throughput Model-based Screening for Recombinant Protein Production. <i>Computer Aided Chemical Engineering</i> , 2020, , 1723-1728.	0.5	3