

Mathieu Streefland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9107800/publications.pdf>

Version: 2024-02-01

18
papers

990
citations

567247

15
h-index

839512

18
g-index

18
all docs

18
docs citations

18
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved OMV vaccine against <i>Neisseria meningitidis</i> using genetically engineered strains and a detergent-free purification process. <i>Vaccine</i> , 2010, 28, 4810-4816.	3.8	145
2	Novel astaxanthin extraction from <i>Haematococcus pluvialis</i> using cell permeabilising ionic liquids. <i>Green Chemistry</i> , 2016, 18, 1261-1267.	9.0	116
3	Extraction and stability of selected proteins in ionic liquid based aqueous two phase systems. <i>Green Chemistry</i> , 2014, 16, 2670-2679.	9.0	113
4	Photosynthetic efficiency of <i>Chlamydomonas reinhardtii</i> in flashing light. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2905-2913.	3.3	112
5	Multivariate PAT solutions for biopharmaceutical cultivation: current progress and limitations. <i>Trends in Biotechnology</i> , 2014, 32, 329-336.	9.3	91
6	Photosynthetic efficiency and oxygen evolution of <i>Chlamydomonas reinhardtii</i> under continuous and flashing light. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1523-1532.	3.6	61
7	Photosynthetic efficiency of <i>Chlamydomonas reinhardtii</i> in attenuated, flashing light. <i>Biotechnology and Bioengineering</i> , 2012, 109, 2567-2574.	3.3	55
8	Multivariate data analysis as a PAT tool for early bioprocess development data. <i>Journal of Biotechnology</i> , 2013, 167, 262-270.	3.8	50
9	Selection of chemically defined media for CHO cell fed-batch culture processes. <i>Cytotechnology</i> , 2017, 69, 39-56.	1.6	47
10	Process analytical technology (PAT) tools for the cultivation step in biopharmaceutical production. <i>Engineering in Life Sciences</i> , 2013, 13, 212-223.	3.6	46
11	PAT for vaccines: The first stage of PAT implementation for development of a well-defined whole-cell vaccine against whooping cough disease. <i>Vaccine</i> , 2007, 25, 2994-3000.	3.8	31
12	Process analytical technology tools for perfusion cell culture. <i>Engineering in Life Sciences</i> , 2016, 16, 25-35.	3.6	29
13	Identification and optimization of critical process parameters for the production of NOMV vaccine against <i>Neisseria meningitidis</i> . <i>Vaccine</i> , 2012, 30, 3683-3690.	3.8	26
14	Assessment of near infrared and software sensor for biomass monitoring and control. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008, 94, 166-174.	3.5	25
15	Gene expression based quality scores indicate optimal harvest point in <i>Bordetella pertussis</i> cultivation for vaccine production. <i>Biotechnology and Bioengineering</i> , 2009, 103, 900-908.	3.3	22
16	Manufacturing Vaccines: An Illustration of Using PAT Tools for Controlling the Cultivation of <i>Bordetella pertussis</i> . <i>Quality Engineering</i> , 2007, 19, 373-384.	1.1	8
17	Evaluation of a critical process parameter: Oxygen limitation during cultivation has a fully reversible effect on gene expression of <i>Bordetella pertussis</i> . <i>Biotechnology and Bioengineering</i> , 2009, 102, 161-167.	3.3	8
18	Extraction of Proteins with ABS. <i>Green Chemistry and Sustainable Technology</i> , 2016, , 123-134.	0.7	5