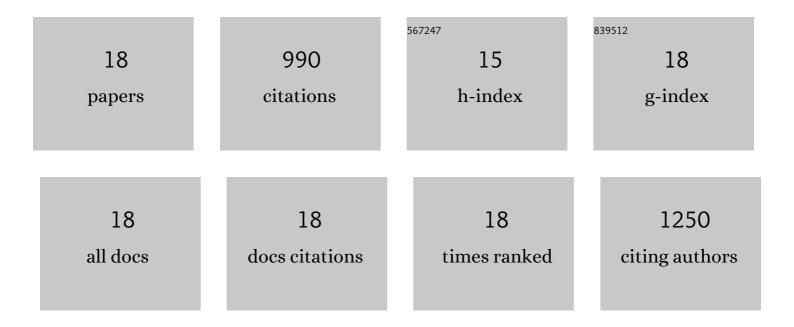
## Mathieu Streefland

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9107800/publications.pdf Version: 2024-02-01



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