

# Timo Hardiman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9615006/publications.pdf>

Version: 2024-02-01

13  
papers

192  
citations

1163117

8  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology of the global regulatory network of carbon limitation in <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2007, 132, 359-374.	3.8	61
2	Local gas holdup simulation and validation of industrial-scale aerated bioreactors. <i>Chemical Engineering Science</i> , 2016, 152, 636-648.	3.8	26
3	Simultaneous utilization of glucose and gluconate in <i>Penicillium chrysogenum</i> during overflow metabolism. <i>Biotechnology and Bioengineering</i> , 2013, 110, 3235-3243.	3.3	17
4	MEMOSys 2.0: an update of the bioinformatics database for genome-scale models and genomic data. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau004.	3.0	16
5	Real-time monitoring of fungal growth and morphogenesis at single-cell resolution. <i>Engineering in Life Sciences</i> , 2017, 17, 86-92.	3.6	16
6	Quantitative quenching evaluation and direct intracellular metabolite analysis in <i>Penicillium chrysogenum</i> . <i>Analytical Biochemistry</i> , 2013, 438, 47-52.	2.4	14
7	Prediction of kinetic parameters from DNA-binding site sequences for modeling global transcription dynamics in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2010, 12, 196-211.	7.0	13
8	Quantification of rRNA in <i>Escherichia coli</i> using capillary gel electrophoresis with laser-induced fluorescence detection. <i>Analytical Biochemistry</i> , 2008, 374, 79-86.	2.4	9
9	Quantifying cytosolic messenger RNA concentrations in <i>Escherichia coli</i> using real-time polymerase chain reaction for a systems biology approach. <i>Analytical Biochemistry</i> , 2010, 398, 212-217.	2.4	8
10	Characterization of the gas dispersion behavior of multiple impeller stages by flow regime analysis and CFD simulations. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3058-3068.	3.3	5
11	In vitro synthesis and characterization of guanosine 3',5'-bis(diphosphate). <i>Analytical Biochemistry</i> , 2008, 383, 337-339.	2.4	4
12	Analyzing the Effect of Using Axial Impellers in Large-Scale Bioreactors. <i>Biotechnology and Bioengineering</i> , 0, , .	3.3	2
13	Dynamic Modeling of the Central Metabolism of <i>E. coli</i> – Linking Metabolite and Regulatory Networks. , 2009, , 209-235.		1