

# Martin Gustavsson

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

546  
citations

623734

14  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvements of poly(3-hydroxybutyrate) production in an air-lift reactor using simple production media. <i>Bioresources and Bioprocessing</i> , 2020, 7, .	4.2	5
2	Characterization of volatile fatty-acid utilization in <i>Escherichia coli</i> aiming for robust valorisation of food residues. <i>AMB Express</i> , 2020, 10, 184.	3.0	2
3	Metabolic engineering applications of the <i>Escherichia coli</i> bacterial artificial chromosome. <i>Journal of Biotechnology</i> , 2019, 305, 43-50.	3.8	0
4	Comparison of engineered <i>Escherichia coli</i> AF1000 and BL21 strains for (R)-3-hydroxybutyrate production in fed-batch cultivation. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5627-5639.	3.6	8
5	The role of the acyl-CoA thioesterase $\gamma$ in the production of (R)-3-hydroxybutyrate by recombinant <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3693-3704.	3.6	18
6	Continuous removal of the model pharmaceutical chloroquine from water using melanin-covered <i>Escherichia coli</i> in a membrane bioreactor. <i>Journal of Hazardous Materials</i> , 2019, 365, 74-80.	12.4	24
7	Molecular optimization of autotransporter-based tyrosinase surface display. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 486-494.	2.6	14
8	Increasing the production of (R)-3-hydroxybutyrate in recombinant <i>Escherichia coli</i> by improved cofactor supply. <i>Microbial Cell Factories</i> , 2016, 15, 91.	4.0	39
9	Recent trends in metabolic engineering of microorganisms for the production of advanced biofuels. <i>Current Opinion in Chemical Biology</i> , 2016, 35, 10-21.	6.1	55
10	Prospects of microbial cell factories developed through systems metabolic engineering. <i>Microbial Biotechnology</i> , 2016, 9, 610-617.	4.2	69
11	Biocatalysis on the surface of <i>Escherichia coli</i> : melanin pigmentation of the cell exterior. <i>Scientific Reports</i> , 2016, 6, 36117.	3.3	23
12	Improved cell surface display of <i>Salmonella enterica</i> serovar Enteritidis antigens in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2015, 14, 47.	4.0	8
13	Regulating the production of (R)-3-hydroxybutyrate in <i>Escherichia coli</i> by N or P limitation. <i>Frontiers in Microbiology</i> , 2015, 6, 844.	3.5	21
14	Cultivation strategies for production of (R)-3-hydroxybutyric acid from simultaneous consumption of glucose, xylose and arabinose by <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2015, 14, 51.	4.0	21
15	Bio-based production of monomers and polymers by metabolically engineered microorganisms. <i>Current Opinion in Biotechnology</i> , 2015, 36, 73-84.	6.6	126
16	Surface Expression of $\alpha$ -Transaminase in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 2293-2298.	3.1	16
17	Process optimization for increased yield of surface-expressed protein in <i>Escherichia coli</i> . <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1685-1693.	3.4	8
18	A dual tag system for facilitated detection of surface expressed proteins in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2012, 11, 118.	4.0	20

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19	Evolutionary patterns of carbohydrate transport and metabolism in <i>Halomonas boliviensis</i> as derived from its genome sequence: influences on polyester production. <i>Aquatic Biosystems</i> , 2012, 8, 9.	1.8	15
20	Surface display of <i>Salmonella</i> epitopes in <i>Escherichia coli</i> and <i>Staphylococcus carnosus</i> . <i>Microbial Cell Factories</i> , 2011, 10, 22.	4.0	25
21	Optimisation of surface expression using the AIDA autotransporter. <i>Microbial Cell Factories</i> , 2011, 10, 72.	4.0	29