

Morten H H NÃrholm

List of Publications by Year in descending order

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516215

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docs citations

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2418
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic-Efficient Genetic Cassette for the TEM-1 β -Lactamase That Improves Plasmid Performance. ACS Synthetic Biology, 2022, 11, 241-253.	1.9	4
2	Protonation State of an Important Histidine from High Resolution Structures of Lytic Polysaccharide Monoxygenases. Biomolecules, 2022, 12, 194.	1.8	12
3	Colorimetric LPMO assay with direct implication for cellulolytic activity. Biotechnology for Biofuels, 2021, 14, 51.	6.2	16
4	LyGo: A Platform for Rapid Screening of Lytic Polysaccharide Monoxygenase Production. ACS Synthetic Biology, 2021, 10, 897-906.	1.9	12
5	Copper binding and reactivity at the histidine brace motif: insights from mutational analysis of the <i>Pseudomonas fluorescens</i> copper chaperone CopC. FEBS Letters, 2021, 595, 1708-1720.	1.3	9
6	DisCoTune: versatile auxiliary plasmids for the production of disulphide-containing proteins and peptides in the <i>E. coli</i> T7 system. Microbial Biotechnology, 2021, 14, 2566-2580.	2.0	8
7	Tailoring the evolution of BL21(DE3) uncovers a key role for RNA stability in gene expression toxicity. Communications Biology, 2021, 4, 963.	2.0	15
8	Temporal evolution of master regulator Crp identifies pyrimidines as catabolite modulator factors. Nature Communications, 2021, 12, 5880.	5.8	14
9	A standardized genome architecture for bacterial synthetic biology (SEGA). Nature Communications, 2021, 12, 5876.	5.8	9
10	Restoring Global Gene Regulation through Experimental Evolution Uncovers a NAP (Nucleoid-Associated Protein)-Like Behavior of Crp/Cap. MBio, 2021, 12, e0202821.	1.8	6
11	Scission of Glucosidic Bonds by a <i>Lentinus similis</i> Lytic Polysaccharide Monoxygenases Is Strictly Dependent on H ₂ O ₂ while the Oxidation of Saccharide Products Depends on O ₂ . ACS Catalysis, 2021, 11, 13848-13859.	5.5	17
12	The ProUSER2.0 Toolbox: Genetic Parts and Highly Customizable Plasmids for Synthetic Biology in <i>Bacillus subtilis</i> . ACS Synthetic Biology, 2021, , .	1.9	4
13	Biochemical evidence of both copper chelation and oxygenase activity at the histidine brace. Scientific Reports, 2020, 10, 16369.	1.6	27
14	Increased production of periplasmic proteins in <i>Escherichia coli</i> by directed evolution of the translation initiation region. Microbial Cell Factories, 2020, 19, 85.	1.9	25
15	Mutations in the Global Transcription Factor CRP/CAP: Insights from Experimental Evolution and Deep Sequencing. Computational and Structural Biotechnology Journal, 2019, 17, 730-736.	1.9	19
16	Industrializing a Bacterial Strain for <i>l</i> -Serine Production through Translation Initiation Optimization. ACS Synthetic Biology, 2019, 8, 2347-2358.	1.9	21
17	TARSyn: Tunable Antibiotic Resistance Devices Enabling Bacterial Synthetic Evolution and Protein Production. ACS Synthetic Biology, 2018, 7, 432-442.	1.9	26
18	A synbio approach for selection of highly expressed gene variants in Gram-positive bacteria. Microbial Cell Factories, 2018, 17, 37.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Selection of Highly Expressed Gene Variants in Escherichia coli Using Translationally Coupled Antibiotic Selection Markers. <i>Methods in Molecular Biology</i> , 2018, 1671, 259-268.	0.4	2
20	Bacterial Genome Editing Strategy for Control of Transcription and Protein Stability. <i>Methods in Molecular Biology</i> , 2018, 1671, 27-37.	0.4	2
21	Standardized Cloning and Curing of Plasmids. <i>Methods in Molecular Biology</i> , 2018, 1772, 469-476.	0.4	8
22	Isolation and characterization of the E. coli membrane protein production strain Mutant56(DE3). <i>Scientific Reports</i> , 2017, 7, 45089.	1.6	38
23	CRISPR/Cas9-based genome editing for simultaneous interference with gene expression and protein stability. <i>Nucleic Acids Research</i> , 2017, 45, e171-e171.	6.5	15
24	Increasing the permeability of Escherichia coli using MAC13243. <i>Scientific Reports</i> , 2017, 7, 17629.	1.6	85
25	A versatile one-step CRISPR-Cas9 based approach to plasmid-curing. <i>Microbial Cell Factories</i> , 2017, 16, 135.	1.9	57
26	Side effects of extra tRNA supplied in a typical bacterial protein production scenario. <i>Protein Science</i> , 2016, 25, 2102-2108.	3.1	10
27	Generation of mutation hotspots in ageing bacterial colonies. <i>Scientific Reports</i> , 2016, 6, 2.	1.6	231
28	A nanobody:GFP bacterial platform that enables functional enzyme display and easy quantification of display capacity. <i>Microbial Cell Factories</i> , 2016, 15, 71.	1.9	18
29	SEVA Linkers: A Versatile and Automatable DNA Backbone Exchange Standard for Synthetic Biology. <i>ACS Synthetic Biology</i> , 2016, 5, 1177-1181.	1.9	19
30	Enhanced Protein Production in <i>Escherichia coli</i> by Optimization of Cloning Scars at the Vector-Coding Sequence Junction. <i>ACS Synthetic Biology</i> , 2015, 4, 959-965.	1.9	46
31	Accurate DNA Assembly and Genome Engineering with Optimized Uracil Excision Cloning. <i>ACS Synthetic Biology</i> , 2015, 4, 1042-1046.	1.9	83
32	Improved production of membrane proteins in <i>Escherichia coli</i> by selective codon substitutions. <i>FEBS Letters</i> , 2013, 587, 2352-2358.	1.3	34
33	Manipulating the genetic code for membrane protein production: What have we learnt so far?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1091-1096.	1.4	24
34	Converting a Marginally Hydrophobic Soluble Protein into a Membrane Protein. <i>Journal of Molecular Biology</i> , 2011, 407, 171-179.	2.0	5
35	Flanking Residues Help Determine Whether a Hydrophobic Segment Adopts a Monotopic or Bitopic Topology in the Endoplasmic Reticulum Membrane. <i>Journal of Biological Chemistry</i> , 2011, 286, 25284-25290.	1.6	17
36	A mutant Pfu DNA polymerase designed for advanced uracil-excision DNA engineering. <i>BMC Biotechnology</i> , 2010, 10, 21.	1.7	220

#	ARTICLE	IF	CITATIONS
37	Advancing uracil-excision based cloning towards an ideal technique for cloning PCR fragments. Nucleic Acids Research, 2006, 34, e122-e122.	6.5	444