

Hans Marx

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,473
citations

361413

20
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

1799
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pichia pastoris</i> ; protein production host and model organism for biomedical research. Future Microbiology, 2013, 8, 191-208.	2.0	198
2	1,3-Propanediol production from glycerol with <i>Lactobacillus diolivorans</i> . Bioresource Technology, 2012, 119, 133-140.	9.6	115
3	The Efficient Clade: Lactic Acid Bacteria for Industrial Chemical Production. Trends in Biotechnology, 2017, 35, 756-769.	9.3	106
4	GoldenPiCS: a Golden Gate-derived modular cloning system for applied synthetic biology in the yeast <i>Pichia pastoris</i> . BMC Systems Biology, 2017, 11, 123.	3.0	105
5	Directed gene copy number amplification in <i>Pichia pastoris</i> by vector integration into the ribosomal DNA locus. FEMS Yeast Research, 2009, 9, 1260-1270.	2.3	104
6	An efficient tool for metabolic pathway construction and gene integration for <i>Aspergillus niger</i> . Bioresource Technology, 2017, 245, 1327-1333.	9.6	93
7	Overexpression of the riboflavin biosynthetic pathway in <i>Pichia pastoris</i> . Microbial Cell Factories, 2008, 7, 23.	4.0	81
8	Heading for an economic industrial upgrading of crude glycerol from biodiesel production to 1,3-propanediol by <i>Lactobacillus diolivorans</i> . Bioresource Technology, 2014, 152, 499-504.	9.6	73
9	Metabolic Flexibility of <i>Yarrowia lipolytica</i> Growing on Glycerol. Frontiers in Microbiology, 2017, 8, 49.	3.5	70
10	Six novel constitutive promoters for metabolic engineering of <i>Aspergillus niger</i> . Applied Microbiology and Biotechnology, 2013, 97, 259-267.	3.6	60
11	Engineering of bottlenecks in <i>Rhizopus oryzae</i> lipase production in <i>Pichia pastoris</i> using the nitrogen source-regulated FLD1 promoter. New Biotechnology, 2009, 25, 396-403.	4.4	46
12	Genome Sequence of the Ruminal Bacterium <i>Megasphaera elsdenii</i> . Journal of Bacteriology, 2011, 193, 5578-5579.	2.2	44
13	LC-MS/MS-based analysis of coenzyme A and short-chain acyl-coenzyme A thioesters. Analytical and Bioanalytical Chemistry, 2015, 407, 6681-6688.	3.7	39
14	Cloning, disruption and protein secretory phenotype of the GAS1 homologue of <i>Pichia pastoris</i> . FEMS Microbiology Letters, 2006, 264, 40-47.	1.8	35
15	Microbial Production of 1,3-Propanediol. Recent Patents on Biotechnology, 2008, 2, 191-197.	0.8	33
16	Organic acids from lignocellulose: <i>Candida lignohabitans</i> as a new microbial cell factory. Journal of Industrial Microbiology and Biotechnology, 2015, 42, 681-691.	3.0	33
17	Golden Gate-based metabolic engineering strategy for wild-type strains of <i>Yarrowia lipolytica</i> . FEMS Microbiology Letters, 2019, 366, .	1.8	33
18	The metabolic growth limitations of petite cells lacking the mitochondrial genome. Nature Metabolism, 2021, 3, 1521-1535.	11.9	29

#	ARTICLE	IF	CITATIONS
19	Microbial 2-butanol production with <i>Lactobacillus diolivorans</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 262.	6.2	28
20	Effect of carbon pulsing on the redox household of <i>Lactobacillus diolivorans</i> in order to enhance 1,3-propanediol production. <i>New Biotechnology</i> , 2017, 34, 32-39.	4.4	26
21	3-Hydroxypropionaldehyde production from crude glycerol by <i>Lactobacillus diolivorans</i> with enhanced glycerol uptake. <i>Biotechnology for Biofuels</i> , 2017, 10, 295.	6.2	25
22	Identification of Oxygen-Responsive Transcripts in the Silage Inoculant <i>Lactobacillus buchneri</i> CD034 by RNA Sequencing. <i>PLoS ONE</i> , 2015, 10, e0134149.	2.5	19
23	From rumen to industry. <i>Microbial Cell Factories</i> , 2012, 11, 121.	4.0	17
24	Genetic engineering of <i>Lactobacillus diolivorans</i> . <i>FEMS Microbiology Letters</i> , 2013, 344, 152-158.	1.8	17
25	Insights into the glycerol transport of <i>Yarrowia lipolytica</i> . <i>Yeast</i> , 2022, 39, 323-336.	1.7	13
26	Complete genome sequence and transcriptome regulation of the pentose utilizing yeast <i>Sugiyamaella lignohabitans</i> . <i>FEMS Yeast Research</i> , 2016, 16, fow037.	2.3	11
27	Identification of the citrate exporter Cex1 of <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2020, 20, .	2.3	9
28	Slow Growth and Increased Spontaneous Mutation Frequency in Respiratory Deficient afo1- Yeast Suppressed by a Dominant Mutation in ATP3. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4637-4648.	1.8	7
29	Synthetic Biology Assisting Metabolic Pathway Engineering. , 2016, , 255-280.		2