Hans Marx

List of Publications by Year
in descending order

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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	Insights into the glycerol transport of Yarrowia lipolytica. Yeast, 2022, 39, 323-336.	1.7	13
2	The metabolic growth limitations of petite cells lacking the mitochondrial genome. Nature Metabolism, 2021, 3, 1521-1535.	11.9	29
3	Slow Growth and Increased Spontaneous Mutation Frequency in Respiratory Deficient afo1- Yeast Suppressed by a Dominant Mutation in ATP3. G3: Genes, Genomes, Genetics, 2020, 10, 4637-4648.	1.8	7
4	Identification of the citrate exporter Cex1 ofYarrowia lipolytica. FEMS Yeast Research, 2020, 20, .	2.3	9
5	Microbial 2-butanol production with Lactobacillus diolivorans. Biotechnology for Biofuels, 2019, 12, 262.	6.2	28
6	Golden Gate-based metabolic engineering strategy for wild-type strains of Yarrowia lipolytica. FEMS Microbiology Letters, 2019, 366, .	1.8	33
7	An efficient tool for metabolic pathway construction and gene integration for Aspergillus niger. Bioresource Technology, 2017, 245, 1327-1333.	9.6	93
8	The Efficient Clade: Lactic Acid Bacteria for Industrial Chemical Production. Trends in Biotechnology, 2017, 35, 756-769.	9.3	106
9	Effect of carbon pulsing on the redox household of Lactobacillus diolivorans in order to enhance 1,3-propanediol production. New Biotechnology, 2017, 34, 32-39.	4.4	26
10	Metabolic Flexibility of Yarrowia lipolytica Growing on Glycerol. Frontiers in Microbiology, 2017, 8, 49.	3.5	70
11	GoldenPiCS: a Golden Gate-derived modular cloning system for applied synthetic biology in the yeast Pichia pastoris. BMC Systems Biology, 2017, 11, 123.	3.0	105
12	3-Hydroxypropionaldehyde production from crude glycerol by Lactobacillus diolivorans with enhanced glycerol uptake. Biotechnology for Biofuels, 2017, 10, 295.	6.2	25
13	Complete genome sequence and transcriptome regulation of the pentose utilizing yeastSugiyamaella lignohabitans. FEMS Yeast Research, 2016, 16, fow037.	2.3	11
14	Synthetic Biology Assisting Metabolic Pathway Engineering. , 2016, , 255-280.		2
15	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
16	Organic acids from lignocellulose: Candida lignohabitans as a new microbial cell factory. Journal of Industrial Microbiology and Biotechnology, 2015, 42, 681-691.	3.0	33
17	Identification of Oxygen-Responsive Transcripts in the Silage Inoculant Lactobacillus buchneri CD034 by RNA Sequencing. PLoS ONE, 2015, 10, e0134149.	2.5	19
18	Heading for an economic industrial upgrading of crude glycerol from biodiesel production to 1,3-propanediol by Lactobacillus diolivorans. Bioresource Technology, 2014, 152, 499-504.	9.6	73

#	Article	IF	Citations
19	Genetic engineering ofLactobacillus diolivorans. FEMS Microbiology Letters, 2013, 344, 152-158.	1.8	17
20	Six novel constitutive promoters for metabolic engineering of Aspergillus niger. Applied Microbiology and Biotechnology, 2013, 97, 259-267.	3.6	60
21	Pichia pastoris: protein production host and model organism for biomedical research. Future Microbiology, 2013, 8, 191-208.	2.0	198
22	1,3-Propanediol production from glycerol with Lactobacillus diolivorans. Bioresource Technology, 2012, 119, 133-140.	9.6	115
23	From rumen to industry. Microbial Cell Factories, 2012, 11, 121.	4.0	17
24	Genome Sequence of the Ruminal Bacterium Megasphaera elsdenii. Journal of Bacteriology, 2011, 193, 5578-5579.	2.2	44
25	Directed gene copy number amplification inPichia pastorisby vector integration into the ribosomal DNA locus. FEMS Yeast Research, 2009, 9, 1260-1270.	2.3	104
26	Engineering of bottlenecks in Rhizopus oryzae lipase production in Pichia pastoris using the nitrogen source-regulated FLD1 promoter. New Biotechnology, 2009, 25, 396-403.	4.4	46
27	Overexpression of the riboflavin biosynthetic pathway in Pichia pastoris. Microbial Cell Factories, 2008, 7, 23.	4.0	81
28	Microbial Production of 1,3-Propanediol. Recent Patents on Biotechnology, 2008, 2, 191-197.	0.8	33
29	Cloning, disruption and protein secretory phenotype of theGAS1homologue ofPichia pastoris. FEMS Microbiology Letters, 2006, 264, 40-47.	1.8	35