Jochem GÃ¤tgens

List of Publications by Year
in descending order

17	946	758635 12	887659 17
papers	citations	h-index	g-index

19	19	19	1222
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From Enzyme to Preparative Cascade Reactions with Immobilized Enzymes: Tuning Fe(II)/Î±-Ketoglutarate-Dependent Lysine Hydroxylases for Application in Biotransformations. Catalysts, 2022, 12, 354.	1.6	6
2	Metabolic and process engineering for microbial production of protocatechuate with Corynebacterium glutamicum. Biotechnology and Bioengineering, 2021, 118, 4414-4427.	1.7	10
3	A Sodium-Translocating Module Linking Succinate Production to Formation of Membrane Potential in Prevotella bryantii. Applied and Environmental Microbiology, 2021, 87, e0121121.	1.4	10
4	A tunable l-arabinose-inducible expression plasmid for the acetic acid bacterium Gluconobacter oxydans. Applied Microbiology and Biotechnology, 2020, 104, 9267-9282.	1.7	23
5	Short-Chain Fatty Acids Modulate Metabolic Pathways and Membrane Lipids in Prevotella bryantii B14. Proteomes, 2020, 8, 28.	1.7	17
6	Stage-specific metabolic features of differentiating neurons: Implications for toxicant sensitivity. Toxicology and Applied Pharmacology, 2018, 354, 64-80.	1.3	29
7	Citrate as Cost-Efficient NADPH Regenerating Agent. Frontiers in Bioengineering and Biotechnology, 2018, 6, 196.	2.0	12
8	Elucidating cellular mechanisms of Saccharomyces cerevisiae tolerant to combined lignocellulosic-derived inhibitors using high-throughput phenotyping and multiomics analyses. FEMS Yeast Research, 2018, 18, .	1.1	35
9	Improved production of adipate with Escherichia coli by reversal of Î²-oxidation. Applied Microbiology and Biotechnology, 2017, 101, 2371-2382.	1.7	25
10	The linkage between nutrient supply, intracellular enzyme abundances and bacterial growth: New evidences from the central carbon metabolism of Corynebacterium glutamicum. Journal of Biotechnology, 2017, 258, 13-24.	1.9	13
11	Construction of a Corynebacterium glutamicum platform strain for the production of stilbenes and (2S)-flavanones. Metabolic Engineering, 2016, 38, 47-55.	3.6	156
12	Formation of xylitol and xylitol-5-phosphate and its impact on growth of d-xylose-utilizing Corynebacterium glutamicum strains. Journal of Biotechnology, 2016, 231, 160-166.	1.9	15
13	Biosensor-driven adaptive laboratory evolution of l-valine production in Corynebacterium glutamicum. Metabolic Engineering, 2015, 32, 184-194.	3.6	145
14	Engineering of Corynebacterium glutamicum for minimized carbon loss during utilization of d-xylose containing substrates. Journal of Biotechnology, 2014, 192, 156-160.	1.9	78
15	Beyond growth rate 0.6: What drives Corynebacterium glutamicum to higher growth rates in defined medium. Biotechnology and Bioengineering, 2014, 111, 359-371.	1.7	117
16	Extensive exometabolome analysis reveals extended overflow metabolism in various microorganisms. Microbial Cell Factories, 2012, 11, 122.	1.9	239
17	A 2-oxoacid dehydrogenase complex of Haloferax volcanii is essential for growth on isoleucine but not on other branched-chain amino acids. Microbiology (United Kingdom), 2010, 156, 521-529.	0.7	16