

# Jochem GÃtgens

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

946  
citations

758635

12  
h-index

887659

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1222  
citing authors

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