Konstantin Schneider

List of Publications by Year
in descending order

25	1,090	516215 16	610482 24
papers	citations	h-index	g-index

25	25	25	1455
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineered Reversal of Function in Glycolytic Yeast Promoters. ACS Synthetic Biology, 2019, 8, 1462-1468.	1.9	12
2	Coupling S-adenosylmethionineâ€“dependent methylation to growth: Design and uses. PLoS Biology, 2019, 17, e2007050.	2.6	39
3	Exploring small-scale chemostats to scale up microbial processes: 3-hydroxypropionic acid production in S. cerevisiae. Microbial Cell Factories, 2019, 18, 50.	1.9	16
4	Increased production of L-serine in Escherichia coli through Adaptive Laboratory Evolution. Metabolic Engineering, 2017, 39, 141-150.	3.6	116
5	Quantifying the Metabolome of Pseudomonas taiwanensis VLB120: Evaluation of Hot and Cold Combined Quenching/Extraction Approaches. Analytical Chemistry, 2017, 89, 8738-8747.	3.2	11
6	EasyCloneMulti: A Set of Vectors for Simultaneous and Multiple Genomic Integrations in Saccharomyces cerevisiae. PLoS ONE, 2016, 11, e0150394.	1.1	49
7	Engineering of high yield production of Lâ€serine in Escherichia coli. Biotechnology and Bioengineering, 2016, 113, 807-816.	1.7	70
8	Engineering and systems-level analysis of Saccharomyces cerevisiae for production of 3-hydroxypropionic acid via malonyl-CoA reductase-dependent pathway. Microbial Cell Factories, 2016, 15, 53.	1.9	98
9	Comparative Proteome Analysis in Schizosaccharomyces pombe Identifies Metabolic Targets to Improve Protein Production and Secretion. Molecular and Cellular Proteomics, 2016, 15, 3090-3106.	2.5	8
10	Glucoseâ€based microbial production of the hormone melatonin in yeast Saccharomyces cerevisiae. Biotechnology Journal, 2016, 11, 717-724.	1.8	47
11	Acetateâ€containing substrate mixtures improve recombinant protein secretion inSchizosaccharomyces pombe. Engineering in Life Sciences, 2015, 15, 437-442.	2.0	3
12	Establishing a synthetic pathway for high-level production of 3-hydroxypropionic acid in Saccharomyces cerevisiae via Î²-alanine. Metabolic Engineering, 2015, 27, 57-64.	3.6	185
13	Overcoming the metabolic burden of protein secretion in Schizosaccharomyces pombe â€“ A quantitative approach using 13C-based metabolic flux analysis. Metabolic Engineering, 2014, 21, 34-45.	3.6	44
14	Oxygen supply strongly influences metabolic fluxes, the production of poly(3-hydroxybutyrate) and alginate, and the degree of acetylation of alginate in Azotobacter vinelandii. Process Biochemistry, 2013, 48, 995-1003.	1.8	36
15	Production of l-lysine on different silage juices using genetically engineered Corynebacterium glutamicum. Journal of Biotechnology, 2013, 163, 217-224.	1.9	40
16	Metabolic fluxes in Schizosaccharomyces pombe grown on glucose and mixtures of glycerol and acetate. Applied Microbiology and Biotechnology, 2013, 97, 5013-5026.	1.7	11
17	A system of miniaturized stirred bioreactors for parallel continuous cultivation of yeast with online measurement of dissolved oxygen and offâ€gas. Biotechnology and Bioengineering, 2013, 110, 535-542.	1.7	37
18	Quantitation of intracellular purine intermediates in different Corynebacteria using electrospray LC-MS/MS. Analytical and Bioanalytical Chemistry, 2012, 404, 2295-2305.	1.9	13

#	Article	IF	Citations
19	Metabolic engineering of the purine biosynthetic pathway in Corynebacterium glutamicum results in increased intracellular pool sizes of IMP and hypoxanthine. Microbial Cell Factories, 2012, 11, 138.	1.9	29
20	Controlled feeding of hydrogen peroxide as oxygen source improves production of 5â€ketofructose From Lâ€sorbose using engineered pyranose 2â€oxidase from Peniophora gigantea. Biotechnology and Bioengineering, 2012, 109, 2941-2945.	1.7	15
21	Metabolic flux analysis in eukaryotes. Current Opinion in Biotechnology, 2010, 21, 63-69.	3.3	112
22	Optical device for parallel online measurement of dissolved oxygen and pH in shake flask cultures. Bioprocess and Biosystems Engineering, 2010, 33, 541-547.	1.7	47
23	Charakterisierung des Malatenzyms in Saccharomyces cerevisiae beim Wachstum auf Galactose und Glucose. Chemie-Ingenieur-Technik, 2009, 81, 1293-1293.	0.4	0
24	Metabolite profiling studies in Saccharomyces cerevisiae: an assisting tool to prioritize host targets for antiviral drug screening. Microbial Cell Factories, 2009, 8, 12.	1.9	21
25	Metabolic flux screening of Saccharomyces cerevisiae single knockout strains on glucose and galactose supports elucidation of gene function. Journal of Biotechnology, 2007, 132, 395-404.	1.9	31