Yvonne NygÃ¥rd

List of Publications by Year
in descending order

28	1,239	566801 15	476904 29
papers	citations	h-index	g-index

31	31	31	1542
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Data mining of Saccharomyces cerevisiae mutants engineered for increased tolerance towards inhibitors in lignocellulosic hydrolysates. Biotechnology Advances, 2022, 57, 107947.	6.0	29
2	CRISPR-based transcriptional activation tool for silent genes in filamentous fungi. Scientific Reports, 2021, 11, 1118.	1.6	23
3	Towards enhancement of gasâ€“liquid mass transfer in bioelectrochemical systems: Validation of a robust CFD model. Biotechnology and Bioengineering, 2021, 118, 3953-3961.	1.7	3
4	A CRISPR Interference Screen of Essential Genes Reveals that Proteasome Regulation Dictates Acetic Acid Tolerance in Saccharomyces cerevisiae. MSystems, 2021, 6, e0041821.	1.7	12
5	Development of an Haa1-based biosensor for acetic acid sensing in Saccharomyces cerevisiae. FEMS Yeast Research, 2021, 21, .	1.1	9
6	RNA sequencing reveals metabolic and regulatory changes leading to more robust fermentation performance during short-term adaptation of Saccharomyces cerevisiae to lignocellulosic inhibitors. Biotechnology for Biofuels, 2021, 14, 201.	6.2	7
7	Modular Synthetic Biology Toolkit for Filamentous Fungi. ACS Synthetic Biology, 2021, 10, 2850-2861.	1.9	35
8	Increased CODH activity in a bioelectrochemical system improves microbial electrosynthesis with CO. Sustainable Energy and Fuels, 2020, 4, 5952-5957.	2.5	8
9	A CRISPR activation and interference toolkit for industrial Saccharomyces cerevisiae strain KE6-12. Scientific Reports, 2020, 10, 14605.	1.6	43
10	Adaptation during propagation improves Clostridium autoethanogenum tolerance towards benzene, toluene and xylenes during gas fermentation. Bioresource Technology Reports, 2020, 12, 100564.	1.5	4
11	Small scale screening of yeast strains enables high-throughput evaluation of performance in lignocellulose hydrolysates. Bioresource Technology Reports, 2020, 11, 100532.	1.5	6
12	Nutrient-supplemented propagation of Saccharomyces cerevisiae improves its lignocellulose fermentation ability. AMB Express, 2020, 10, 157.	1.4	18
13	Strain-dependent variance in short-term adaptation effects of two xylose-fermenting strains of Saccharomyces cerevisiae. Bioresource Technology, 2019, 292, 121922.	4.8	25
14	Synthetic control devices for gene regulation in Penicillium chrysogenum. Microbial Cell Factories, 2019, 18, 203.	1.9	18
15	Pathway for the Biosynthesis of the Pigment Chrysogine by Penicillium chrysogenum. Applied and Environmental Microbiology, 2018, 84, .	1.4	28
16	Identification of the decumbenone biosynthetic gene cluster in Penicillium decumbens and the importance for production of calbistrin. Fungal Biology and Biotechnology, 2018, 5, 18.	2.5	23
17	Genome Editing in Penicillium chrysogenum Using Cas9 Ribonucleoprotein Particles. Methods in Molecular Biology, 2018, 1772, 213-232.	0.4	15
18	Yeast as a tool to express sugar acid transporters with biotechnological interest. FEMS Yeast Research, 2017, 17, .	1.1	12

#	Article	IF	Citations
19	Mechanism and regulation of sorbicillin biosynthesis by Penicillium chrysogenum. Microbial Biotechnology, 2017, 10, 958-968.	2.0	49
20	CRISPR/Cas9 Based Genome Editing of Penicillium chrysogenum. ACS Synthetic Biology, 2016, 5, 754-764.	1.9	258
21	Unlocking the potential of fungi: the QuantFung project. Fungal Biology and Biotechnology, 2015, 2, 6.	2.5	6
22	A novel aldose-aldose oxidoreductase for co-production of D-xylonate and xylitol from D-xylose with Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 2015, 99, 9439-9447.	1.7	17
23	The diverse role of Pdr12 in resistance to weak organic acids. Yeast, 2014, 31, 219-232.	0.8	42
24	Single cell and in vivo analyses elucidate the effect of xylC lactonase during production of D-xylonate in Saccharomyces cerevisiae. Metabolic Engineering, 2014, 25, 238-247.	3.6	27
25	Low pH d-xylonate production with Pichia kudriavzevii. Bioresource Technology, 2013, 133, 555-562.	4.8	68
26	Metabolic engineering of Saccharomyces cerevisiae for bioconversion of d-xylose to d-xylonate. Metabolic Engineering, 2012, 14, 427-436.	3.6	74
27	Microbial d-xylonate production. Applied Microbiology and Biotechnology, 2012, 96, 1-8.	1.7	83
28	Bioconversion of d-xylose to d-xylonate with Kluyveromyces lactis. Metabolic Engineering, 2011, 13, 383-391.	3.6	296