

Vratislav Stovicek

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

859
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	EasyCloneâ€”MarkerFree: A vector toolkit for markerâ€”less integration of genes into <i>Saccharomyces cerevisiae</i> via CRISPRâ€”Cas9. <i>Biotechnology Journal</i> , 2016, 11, 1110-1117.	3.5	206
2	CRISPRâ€”Cas system enables fast and simple genome editing of industrial <i>Saccharomyces cerevisiae</i> strains. <i>Metabolic Engineering Communications</i> , 2015, 2, 13-22.	3.6	154
3	CRISPR/Cas system for yeast genome engineering: advances and applications. <i>FEMS Yeast Research</i> , 2017, 17, .	2.3	140
4	Flo11p, drug efflux pumps, and the extracellular matrix cooperate to form biofilm yeast colonies. <i>Journal of Cell Biology</i> , 2011, 194, 679-687.	5.2	83
5	Engineering energetically efficient transport of dicarboxylic acids in yeast <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19415-19420.	7.1	61
6	General factors important for the formation of structured biofilm-like yeast colonies. <i>Fungal Genetics and Biology</i> , 2010, 47, 1012-1022.	2.1	59
7	EasyClone 2.0: expanded toolkit of integrative vectors for stable gene expression in industrial <i>Saccharomyces cerevisiae</i> strains. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 1519-1531.	3.0	52
8	Role of distinct dimorphic transitions in territory colonizing and formation of yeast colony architecture. <i>Environmental Microbiology</i> , 2010, 12, 264-277.	3.8	39
9	Global changes in gene expression associated with phenotypic switching of wild yeast. <i>BMC Genomics</i> , 2014, 15, 136.	2.8	23
10	Yeast biofilm colony as an orchestrated multicellular organism. <i>Communicative and Integrative Biology</i> , 2012, 5, 203-205.	1.4	20
11	Never Change a Brewing Yeast? Why Not, There Are Plenty to Choose From. <i>Frontiers in Genetics</i> , 2020, 11, 582789.	2.3	8
12	Rational and evolutionary engineering of <i>Saccharomyces cerevisiae</i> for production of dicarboxylic acids from lignocellulosic biomass and exploring genetic mechanisms of the yeast tolerance to the biomass hydrolysate. , 2022, 15, 22.		8
13	Cell Distribution within Yeast Colonies and Colony Biofilms: How Structure Develops. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3873.	4.1	6