Ronnie G Willaert

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4981427/publications.pdf

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28	683	687363 13	580821 25
papers	citations	h-index	g-index

28	28	28	824
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA-Binding Properties of a Novel Crenarchaeal Chromatin-Organizing Protein in Sulfolobus acidocaldarius. Biomolecules, 2022, 12, 524.	4.0	1
2	The Dynamics of Single-Cell Nanomotion Behaviour of Saccharomyces cerevisiae in a Microfluidic Chip for Rapid Antifungal Susceptibility Testing. Fermentation, 2022, 8, 195.	3.0	3
3	Nanomotion Detection-Based Rapid Antibiotic Susceptibility Testing. Antibiotics, 2021, 10, 287.	3.7	20
4	Yeast Biotechnology 4.0. Fermentation, 2021, 7, 69.	3.0	2
5	Nanomotion Spectroscopy as a New Approach to Characterize Bacterial Virulence. Microorganisms, 2021, 9, 1545.	3.6	6
6	The Flo Adhesin Family. Pathogens, 2021, 10, 1397.	2.8	13
7	Yeast Biotechnology 3.0. Fermentation, 2020, 6, 75.	3.0	0
8	A perspective view on the nanomotion detection of living organisms and its features. Journal of Molecular Recognition, 2020, 33, e2849.	2.1	23
9	Robotic Cell Printing for Constructing Living Yeast Cell Microarrays in Microfluidic Chips. Fermentation, 2020, 6, 26.	3.0	3
10	Single yeast cell nanomotions correlate with cellular activity. Science Advances, 2020, 6, eaba3139.	10.3	25
11	Adaptive Evolution of Industrial Brewerâ€™s Yeast Strains towards a Snowflake Phenotype. Fermentation, 2020, 6, 20.	3.0	7
12	Yeast Nanometric Scale Oscillations Highlights Fibronectin Induced Changes in C. albicans. Fermentation, 2020, 6, 28.	3.0	14
13	Yeast Biotechnology 2.0. Fermentation, 2018, 4, 98.	3.0	1
14	Adhesins of Yeasts: Protein Structure and Interactions. Journal of Fungi (Basel, Switzerland), 2018, 4, 119.	3.5	58
15	Micro- and Nanoscale Approaches in Antifungal Drug Discovery. Fermentation, 2018, 4, 43.	3.0	6
16	Gravity-Driven Adaptive Evolution of an Industrial Brewerâ€™s Yeast Strain towards a Snowflake Phenotype in a 3D-Printed Mini Tower Fermentor. Fermentation, 2017, 3, 4.	3.0	10
17	Yeast Nanobiotechnology. Fermentation, 2016, 2, 18.	3.0	10
18	Lectin-Glycan Interaction Network-Based Identification of Host Receptors of Microbial Pathogenic Adhesins. MBio, 2016, 7, .	4.1	48

#	Article	IF	Citations
19	Microfluidic Bioreactors for Cellular Microarrays. Fermentation, 2015, 1, 38-78.	3.0	12
20	Molecular Mechanism of Flocculation Self-Recognition in Yeast and Its Role in Mating and Survival. MBio, 2015, 6, .	4.1	62
21	Engineering the carbohydrate-binding site of Epa1p from Candida glabrata: generation of adhesin mutants with different carbohydrate specificity. Glycobiology, 2014, 24, 1312-1322.	2.5	14
22	Oriented Polar Snakes for Phase Contrast Cell Images Segmentation. Lecture Notes in Computer Science, 2013, , 25-32.	1.3	2
23	The epithelial adhesin 1 (Epa1p) from the human-pathogenic yeastCandida glabrata: structural and functional study of the carbohydrate-binding domain. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 210-217.	2.5	37
24	The N-terminal domain of the Flo11 protein from Saccharomyces cerevisiae is an adhesin without mannose-binding activity. FEMS Yeast Research, 2012, 12, 78-87.	2.3	28
25	The Nâ€terminal part of Als1 protein from Candida albicans specifically binds fucoseâ€containing glycans. Molecular Microbiology, 2011, 80, 1667-1679.	2.5	40
26	The N-Terminal Domain of the Flo1 Flocculation Protein from Saccharomyces cerevisiae Binds Specifically to Mannose Carbohydrates. Eukaryotic Cell, 2011, 10, 110-117.	3.4	35
27	Flocculation protein structure and cellâ€“cell adhesion mechanism in Saccharomyces cerevisiae. Biotechnology Letters, 2010, 32, 1571-1585.	2.2	75
28	Phenotypic diversity of Flo protein family-mediated adhesion inSaccharomyces cerevisiae. FEMS Yeast Research, 2009, 9, 178-190.	2.3	128