

Ronnie G Willaert

List of Publications by Year in descending order

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687335

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

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