

# Aline Crucello

## List of Publications by Year in descending order

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16  
papers

364  
citations

1162367

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996533

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17  
docs citations

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times ranked

592  
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#	ARTICLE	IF	CITATIONS
1	Microbial oil production in sugarcane bagasse hemicellulosic hydrolysate without nutrient supplementation by a <i>Rhodospiridium toruloides</i> adapted strain. <i>Process Biochemistry</i> , 2017, 57, 16-25.	1.8	83
2	Human snoRNA-93 is processed into a microRNA-like RNA that promotes breast cancer cell invasion. <i>Npj Breast Cancer</i> , 2017, 3, 25.	2.3	74
3	Crystal structure and biochemical characterization of the recombinant ThBgl, a GH1 Î <sup>2</sup> -glucosidase overexpressed in <i>Trichoderma harzianum</i> under biomass degradation conditions. <i>Biotechnology for Biofuels</i> , 2016, 9, 71.	6.2	45
4	Transcriptome Profile of <i>Trichoderma harzianum</i> IOC-3844 Induced by Sugarcane Bagasse. <i>PLoS ONE</i> , 2014, 9, e88689.	1.1	41
5	Transcriptome sequencing reveals genes and adaptation pathways in <i>Salmonella Typhimurium</i> inoculated in four low water activity foods. <i>Food Microbiology</i> , 2019, 82, 426-435.	2.1	31
6	A novel protein refolding protocol for the solubilization and purification of recombinant peptidoglycan-associated lipoprotein from <i>Xylella fastidiosa</i> overexpressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2012, 82, 284-289.	0.6	18
7	Analysis of Genomic Regions of <i>Trichoderma harzianum</i> IOC-3844 Related to Biomass Degradation. <i>PLoS ONE</i> , 2015, 10, e0122122.	1.1	17
8	ADAR Mediated RNA Editing Modulates MicroRNA Targeting in Human Breast Cancer. <i>Processes</i> , 2018, 6, 42.	1.3	14
9	Characterization of novel small RNAs (sRNAs) contributing to the desiccation response of <i>Salmonella enterica</i> serovar Typhimurium. <i>RNA Biology</i> , 2019, 16, 1643-1657.	1.5	9
10	Initial biochemical and functional characterization of a 5â€²-nucleotidase from <i>Xylella fastidiosa</i> related to the human cytosolic 5â€²-nucleotidase I. <i>Microbial Pathogenesis</i> , 2013, 59-60, 1-6.	1.3	8
11	VapD in <i>Xylella fastidiosa</i> Is a Thermostable Protein with Ribonuclease Activity. <i>PLoS ONE</i> , 2015, 10, e0145765.	1.1	8
12	Integrative genomic analysis of the bioprospection of regulators and accessory enzymes associated with cellulose degradation in a filamentous fungus ( <i>Trichoderma harzianum</i> ). <i>BMC Genomics</i> , 2020, 21, 757.	1.2	5
13	<i>Salmonella enterica</i> in soybean production chain: Occurrence, characterization, and survival during soybean storage. <i>International Journal of Food Microbiology</i> , 2022, 372, 109695.	2.1	4
14	Functional and structural studies of the disulfide isomerase <i>DsbC</i> from the plant pathogen <i>Xylella fastidiosa</i> reveals a redox-dependent oligomeric modulation <i>in vitro</i> . <i>FEBS Journal</i> , 2012, 279, 3828-3843.	2.2	3
15	Impact of Unit Operations From Farm to Fork on Microbial Safety and Quality of Foods. <i>Advances in Food and Nutrition Research</i> , 2018, 85, 131-175.	1.5	3
16	Characterization of 475 Novel, Putative Small RNAs (sRNAs) in Carbon-Starved <i>Salmonella enterica</i> Serovar Typhimurium. <i>Antibiotics</i> , 2021, 10, 305.	1.5	1