

Laura Corte

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,066
citations

361296

20
h-index

434063

31
g-index

51
all docs

51
docs citations

51
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel zwitterionic deep eutectic solvents from trimethylglycine and carboxylic acids: characterization of their properties and their toxicity. <i>RSC Advances</i> , 2014, 4, 55990-56002.	1.7	109
2	Development of a novel, FTIR (Fourier transform infrared spectroscopy) based, yeast bioassay for toxicity testing and stress response study. <i>Analytica Chimica Acta</i> , 2010, 659, 258-265.	2.6	83
3	Room temperature deep eutectic solvents of (1S)-(+)-10-camphorsulfonic acid and sulfobetaines: hydrogen bond-based mixtures with low ionicity and structure-dependent toxicity. <i>RSC Advances</i> , 2015, 5, 31772-31786.	1.7	62
4	High-Performance Versatile Setup for Simultaneous Brillouin-Raman Microspectroscopy. <i>Physical Review X</i> , 2017, 7, .	2.8	44
5	Biofilm Specific Activity: A Measure to Quantify Microbial Biofilm. <i>Microorganisms</i> , 2019, 7, 73.	1.6	43
6	FTIR Metabolomic Fingerprint Reveals Different Modes of Action Exerted by Structural Variants of N-Alkyltropinium Bromide Surfactants on <i>Escherichia coli</i> and <i>Listeria innocua</i> Cells. <i>PLoS ONE</i> , 2015, 10, e0115275.	1.1	43
7	Phenotypic and molecular diversity of <i>Meyerozyma guilliermondii</i> strains isolated from food and other environmental niches, hints for an incipient speciation. <i>Food Microbiology</i> , 2015, 48, 206-215.	2.1	41
8	Assessment of safety and efficiency of nitrogen organic fertilizers from animal-based protein hydrolysates-a laboratory multidisciplinary approach. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 235-245.	1.7	38
9	Merging FT-IR and NGS for simultaneous phenotypic and genotypic identification of pathogenic <i>Candida</i> species. <i>PLoS ONE</i> , 2017, 12, e0188104.	1.1	31
10	Biocidal and inhibitory activity screening of de novo synthesized surfactants against two eukaryotic and two prokaryotic microbial species. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 407-417.	2.5	30
11	FTIR analysis of the metabolomic stress response induced by N-alkyltropinium bromide surfactants in the yeasts <i>Saccharomyces cerevisiae</i> and <i>Candida albicans</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 761-771.	2.5	29
12	The role of biofilm forming on mortality in patients with candidemia: a study derived from real world data. <i>Infectious Diseases</i> , 2018, 50, 214-219.	1.4	29
13	High-contrast Brillouin and Raman micro-spectroscopy for simultaneous mechanical and chemical investigation of microbial biofilms. <i>Biophysical Chemistry</i> , 2017, 229, 123-129.	1.5	27
14	Effect of pH on potassium metabisulphite biocidal activity against yeast and human cell cultures. <i>Food Chemistry</i> , 2012, 134, 1327-1336.	4.2	26
15	<i>Yamadazyma tertentina</i> sp. nov., a yeast species of the <i>Yamadazyma</i> clade from Italian olive oils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 372-376.	0.8	26
16	<i>Candida milleri</i> species reveals intraspecific genetic and metabolic polymorphisms. <i>Food Microbiology</i> , 2014, 42, 72-81.	2.1	24
17	Influence of cell parameters in Fourier transform infrared spectroscopy analysis of whole yeast cells. <i>Analyst</i> , The, 2011, 136, 2339.	1.7	21
18	Preliminary prospection of the yeast biodiversity on apple and pear surfaces from Northern Italy orchards. <i>Annals of Microbiology</i> , 2011, 61, 965-972.	1.1	21

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19	First Case of <i>Trichoderma longibrachiatum</i> CIED (Cardiac Implantable Electronic Device)-Associated Endocarditis in a Non-immunocompromised Host: Biofilm Removal and Diagnostic Problems in the Light of the Current Literature. <i>Mycopathologia</i> , 2016, 181, 297-303.	1.3	21
20	Strain-dependent tolerance to acetic acid in <i>Dekkera bruxellensis</i> . <i>Annals of Microbiology</i> , 2016, 66, 351-359.	1.1	21
21	NGS barcode sequencing in taxonomy and diagnostics, an application in <i>Candida</i> pathogenic yeasts with a metagenomic perspective. <i>IMA Fungus</i> , 2018, 9, 91-105.	1.7	20
22	Use of RAPD and killer toxin sensitivity in <i>Saccharomyces cerevisiae</i> strain typing. <i>Journal of Applied Microbiology</i> , 2005, 99, 609-617.	1.4	19
23	Influence of cell geometry and number of replicas in the reproducibility of whole cell FTIR analysis. <i>Analyst</i> , 2010, 135, 2099.	1.7	19
24	Exploring ecological modelling to investigate factors governing the colonization success in nosocomial environment of <i>Candida albicans</i> and other pathogenic yeasts. <i>Scientific Reports</i> , 2016, 6, 26860.	1.6	19
25	Toll Like Receptor 4 Affects the Cerebral Biochemical Changes Induced by MPTP Treatment. <i>Neurochemical Research</i> , 2017, 42, 493-500.	1.6	19
26	A novel FTIR-based approach to evaluate the interactions between lignocellulosic inhibitory compounds and their effect on yeast metabolism. <i>RSC Advances</i> , 2016, 6, 47981-47989.	1.7	18
27	Ionic Conductivity as a Tool To Study Biocidal Activity of Sulfobetaine Micelles against <i>Saccharomyces cerevisiae</i> Model Cells. <i>Langmuir</i> , 2016, 32, 1101-1110.	1.6	18
28	Biodegradation of the Fungicide Iprodione by <i>Zygosaccharomyces rouxii</i> Strain DBVPG 6399. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4734-4739.	2.4	12
29	<i>Kazachstania ichnusensis</i> sp. nov., a diploid homothallic ascomycetous yeast from Sardinian lentisk rhizosphere. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 722-727.	0.8	12
30	A yeast metabolome-based model for an ecotoxicological approach in the management of lignocellulosic ethanol stillage. <i>Royal Society Open Science</i> , 2019, 6, 180718.	1.1	12
31	How does temperature trigger biofilm adhesion and growth in <i>Candida albicans</i> and two non- <i>Candida albicans</i> <i>Candida</i> species?. <i>Mycoses</i> , 2021, 64, 1412-1421.	1.8	12
32	Yeast Biofilm as a Bridge Between Medical and Environmental Microbiology Across Different Detection Techniques. <i>Infectious Diseases and Therapy</i> , 2018, 7, 27-34.	1.8	11
33	Early Ongoing Speciation of <i>Ogataea uvarum</i> Sp. Nov. Within the Grape Ecosystem Revealed by the Internal Variability Among the rDNA Operon Repeats. <i>Frontiers in Microbiology</i> , 2018, 9, 1687.	1.5	11
34	Next Generation Sequencing: problems and opportunities for next generation studies of microbial communities in food and food industry. <i>Current Opinion in Food Science</i> , 2017, 17, 62-67.	4.1	9
35	Metabolomic Alterations Do Not Induce Metabolic Burden in the Industrial Yeast M2n[pBKD2-Pccbgl1]-C1 Engineered by Multiple λ -Integration of a Fungal β -Glucosidase Gene. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 376.	2.0	9
36	Diversity of salt response among yeasts. <i>Annals of Microbiology</i> , 2006, 56, 363-368.	1.1	8

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37	A novel, rapid and automated conductometric method to evaluate surfactantâ€œcells interactions by means of critical micellar concentration analysis. <i>Chemico-Biological Interactions</i> , 2014, 218, 20-27.	1.7	8
38	High-Throughput Rapid and Inexpensive Assay for Quantitative Determination of Low Cell-Density Yeast Cultures. <i>Microorganisms</i> , 2019, 7, 32.	1.6	8
39	Single Strain High-Depth NGS Reveals High rDNA (ITS-LSU) Variability in the Four Prevalent Pathogenic Species of the Genus <i>Candida</i> . <i>Microorganisms</i> , 2021, 9, 302.	1.6	8
40	Centrality of Objects in a Multidimensional Space and its Effects on Distance-Based Biological Classifications. <i>The Open Applied Informatics Journal</i> , 2011, 5, 11-19.	1.0	6
41	Validation of a Standard Protocol to Assess the Fermentative and Chemical Properties of <i>Saccharomyces cerevisiae</i> Wine Strains. <i>Frontiers in Microbiology</i> , 2022, 13, 830277.	1.5	6
42	Meso-Raman approach for rapid yeast cells identification. <i>Biophysical Chemistry</i> , 2019, 254, 106249.	1.5	5
43	Delta-Integration of Single Gene Shapes the Whole Metabolomic Short-Term Response to Ethanol of Recombinant <i>Saccharomyces cerevisiae</i> Strains. <i>Metabolites</i> , 2020, 10, 140.	1.3	5
44	<i>Candida coquimbensis</i> sp. nov., a link between Australian and Nearctic/Neotropical Phaffomyces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 3067-3071.	0.8	4
45	Spectroscopic Characterization of Bovine, Avian and Johnin Purified Protein Derivative (PPD) with High-Throughput Fourier Transform InfraRed-Based Method. <i>Pathogens</i> , 2019, 8, 136.	1.2	4
46	Do Metabolomics and Taxonomic Barcode Markers Tell the Same Story about the Evolution of <i>Saccharomyces sensu stricto</i> Complex in Fermentative Environments?. <i>Microorganisms</i> , 2020, 8, 1242.	1.6	4
47	What Is the Best Lens? Comparing the Resolution Power of Genome-Derived Markers and Standard Barcodes. <i>Microorganisms</i> , 2021, 9, 299.	1.6	4
48	Invasive listeriosis in a patient with several episodes of antibiotic associated colitis presumably due to <i>Clostridium difficile</i> . <i>Infection</i> , 2017, 45, 381-383.	2.3	2
49	Qualitative and quantitative change of the tolerance to liposomal amphotericin B triggered by biofilm maturation in <i>C. parapsilosis</i> . <i>Medical Mycology</i> , 2020, 58, 827-834.	0.3	2
50	Homoplasmy as an Auxiliary Criterion for Species Delimitation. <i>Microorganisms</i> , 2021, 9, 273.	1.6	2
51	Distribution and correlation of three oenological traits in <i>Saccharomyces cerevisiae</i> . <i>Annals of Microbiology</i> , 2006, 56, 19-23.	1.1	1