

Ana Cristina Abreu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,531
citations

516215

16
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

2404
citing authors

#	ARTICLE	IF	CITATIONS
1	Plants as sources of new antimicrobials and resistance-modifying agents. <i>Natural Product Reports</i> , 2012, 29, 1007.	5.2	385
2	New Perspectives on the Use of Phytochemicals as an Emergent Strategy to Control Bacterial Infections Including Biofilms. <i>Molecules</i> , 2016, 21, 877.	1.7	172
3	Antimicrobial Activity of Selected Phytochemicals against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> and Their Biofilms. <i>Pathogens</i> , 2014, 3, 473-498.	1.2	151
4	Current and emergent strategies for disinfection of hospital environments. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2718-2732.	1.3	146
5	Evaluation of the effects of selected phytochemicals on quorum sensing inhibition and <i>in vitro</i> cytotoxicity. <i>Biofouling</i> , 2014, 30, 183-195.	0.8	122
6	Antibacterial activity and mode of action of selected glucosinolate hydrolysis products against bacterial pathogens. <i>Journal of Food Science and Technology</i> , 2015, 52, 4737-4748.	1.4	91
7	Looking to nature for a new concept in antimicrobial treatments: isoflavonoids from <i>Cytisus striatus</i> as antibiotic adjuvants against MRSA. <i>Scientific Reports</i> , 2017, 7, 3777.	1.6	63
8	Antibacterial Activity of Phenyl Isothiocyanate on <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Medicinal Chemistry</i> , 2013, 9, 756-761.	0.7	38
9	Persister cells in a biofilm treated with a biocide. <i>Biofouling</i> , 2011, 27, 403-411.	0.8	37
10	Combinatorial Activity of Flavonoids with Antibiotics Against Drug-Resistant <i>Staphylococcus aureus</i> . <i>Microbial Drug Resistance</i> , 2015, 21, 600-609.	0.9	33
11	Medium and long-term effects of low doses of Chlorpyrifos during the postnatal, preweaning developmental stage on sociability, dominance, gut microbiota and plasma metabolites. <i>Environmental Research</i> , 2020, 184, 109341.	3.7	33
12	Combinatorial approaches with selected phytochemicals to increase antibiotic efficacy against <i>Staphylococcus aureus</i> biofilms. <i>Biofouling</i> , 2016, 32, 1103-1114.	0.8	32
13	Production of Amphidinols and Other Bioproducts of Interest by the Marine Microalga <i>Amphidinium carterae</i> Unraveled by Nuclear Magnetic Resonance Metabolomics Approach Coupled to Multivariate Data Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9667-9682.	2.4	25
14	Use of phenyl isothiocyanate for biofilm prevention and control. <i>International Biodeterioration and Biodegradation</i> , 2014, 86, 34-41.	1.9	23
15	NMR Metabolomics Applied on the Discrimination of Variables Influencing Tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 _{rgBT} /Overlock 10 ₁₉	1.7	19
16	Evaluation of the best method to assess antibiotic potentiation by phytochemicals against <i>Staphylococcus aureus</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 125-134.	0.8	18
17	Improved extraction of bioactive compounds from biomass of the marine dinoflagellate microalga <i>Amphidinium carterae</i> . <i>Bioresource Technology</i> , 2020, 313, 123518.	4.8	16
18	Antibiotic adjuvants from <i>Buxus sempervirens</i> to promote effective treatment of drug-resistant <i>Staphylococcus aureus</i> biofilms. <i>RSC Advances</i> , 2016, 6, 95000-95009.	1.7	15

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19	NMR-Based Metabolomics Approach To Study the Influence of Different Conditions of Water Irrigation and Greenhouse Ventilation on Zucchini Crops. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8422-8432.	2.4	15
20	Effect of a Shading Mesh on the Metabolic, Nutritional, and Defense Profiles of Harvested Greenhouse-Grown Organic Tomato Fruits and Leaves Revealed by NMR Metabolomics. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12972-12985.	2.4	14
21	NMR-Based Metabolomics Approach to Explore Brain Metabolic Changes Induced by Prenatal Exposure to Autism-Inducing Chemicals. <i>ACS Chemical Biology</i> , 2021, 16, 753-765.	1.6	13
22	The use of selected phytochemicals with <sc>EDTA</sc> against <i>Escherichia coli</i> and <i>Staphylococcus epidermidis</i> single and dual species biofilms. <i>Letters in Applied Microbiology</i> , 2019, 68, 313-320.	1.0	12
23	Unraveling the Active Biomolecules Responsible for the Sustainable Synthesis of Nanoscale Silver Particles through Nuclear Magnetic Resonance Metabolomics. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17816-17827.	3.2	12
24	Evaluation of ORAC, IR and NMR metabolomics for predicting ripening stage and variety in melon (<i>Cucumis melo</i> L.). <i>Food Chemistry</i> , 2022, 372, 131263.	4.2	10
25	Action of Kanamycin Against Single and Dual Species Biofilms of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i>. <i>Journal of Microbiology Research</i>, 2012, 2, 84-88.</i>	0.3	8
26	Serum Colorectal Cancer Biomarkers Unraveled by NMR Metabolomics: Past, Present, and Future. <i>Analytical Chemistry</i> , 2022, 94, 417-430.	3.2	8
27	An integrated approach for the efficient separation of specialty compounds from biomass of the marine microalgae <i>Amphidinium carterae</i> . <i>Bioresource Technology</i> , 2021, 342, 125922.	4.8	6
28	Solution NMR in human embryo culture media as an option for assessment of embryo implantation potential. <i>NMR in Biomedicine</i> , 2021, 34, e4536.	1.6	5
29	Co-cultivation of <i>Synechocystis salina</i> and <i>Pseudokirchneriella subcapitata</i> under varying phosphorus concentrations evidences an allelopathic competition scenario. <i>RSC Advances</i> , 2016, 6, 56091-56100.	1.7	4
30	NMR-based Metabolomics and Fatty Acid Profiles to Unravel Biomarkers in Preclinical Animal Models of Compulsive Behavior. <i>Journal of Proteome Research</i> , 2022, 21, 612-622.	1.8	3
31	What should be considered in the treatment of bacterial infections by multi-drug therapies: A mathematical perspective?. <i>Drug Resistance Updates</i> , 2014, 17, 51-63.	6.5	2