Ana Cristina Abreu

List of Publications by Year
in descending order

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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	Evaluation of ORAC, IR and NMR metabolomics for predicting ripening stage and variety in melon (Cucumis melo L.). Food Chemistry, 2022, 372, 131263.	4.2	10
2	Serum Colorectal Cancer Biomarkers Unraveled by NMR Metabolomics: Past, Present, and Future. Analytical Chemistry, 2022, 94, 417-430.	3.2	8
3	NMR-based Metabolomics and Fatty Acid Profiles to Unravel Biomarkers in Preclinical Animal Models of Compulsive Behavior. Journal of Proteome Research, 2022, 21, 612-622.	1.8	3
4	NMR-Based Metabolomics Approach to Explore Brain Metabolic Changes Induced by Prenatal Exposure to Autism-Inducing Chemicals. ACS Chemical Biology, 2021, 16, 753-765.	1.6	13
5	Solution NMR in human embryo culture media as an option for assessment of embryo implantation potential. NMR in Biomedicine, 2021, 34, e4536.	1.6	5
6	An integrated approach for the efficient separation of specialty compounds from biomass of the marine microalgae Amphidinium carterae. Bioresource Technology, 2021, 342, 125922.	4.8	6
7	Unraveling the Active Biomolecules Responsible for the Sustainable Synthesis of Nanoscale Silver Particles through Nuclear Magnetic Resonance Metabolomics. ACS Sustainable Chemistry and Engineering, 2020, 8, 17816-17827.	3.2	12
8	NMR Metabolomics Applied on the Discrimination of Variables Influencing Tomato (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.7	19
9	Improved extraction of bioactive compounds from biomass of the marine dinoflagellate microalga Amphidinium carterae. Bioresource Technology, 2020, 313, 123518.	4.8	16
10	Medium and long-term effects of low doses of Chlorpyrifos during the postnatal, preweaning developmental stage on sociability, dominance, gut microbiota and plasma metabolites. Environmental Research, 2020, 184, 109341.	3.7	33
11	Production of Amphidinols and Other Bioproducts of Interest by the Marine Microalga Amphidinium carterae Unraveled by Nuclear Magnetic Resonance Metabolomics Approach Coupled to Multivariate Data Analysis. Journal of Agricultural and Food Chemistry, 2019, 67, 9667-9682.	2.4	25
12	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. Journal of Agricultural and Food Chemistry, 2019, 67, 12972-12985.	2.4	14
13	The use of selected phytochemicals with <scp>EDTA</scp> against Escherichia coli and Staphylococcus epidermidis singleâ€•and dualâ€‰species biofilms. Letters in Applied Microbiology, 2019, 68, 313-320.	1.0	12
14	NMR-Based Metabolomics Approach To Study the Influence of Different Conditions of Water Irrigation and Greenhouse Ventilation on Zucchini Crops. Journal of Agricultural and Food Chemistry, 2018, 66, 8422-8432.	2.4	15
15	Looking to nature for a new concept in antimicrobial treatments: isoflavonoids from Cytisus striatus as antibiotic adjuvants against MRSA. Scientific Reports, 2017, 7, 3777.	1.6	63
16	New Perspectives on the Use of Phytochemicals as an Emergent Strategy to Control Bacterial Infections Including Biofilms. Molecules, 2016, 21, 877.	1.7	172
17	Antibiotic adjuvants from Buxus sempervirens to promote effective treatment of drug-resistant Staphylococcus aureus biofilms. RSC Advances, 2016, 6, 95000-95009.	1.7	15
18	Combinatorial approaches with selected phytochemicals to increase antibiotic efficacy against Staphylococcus aureus biofilms. Biofouling, 2016, 32, 1103-1114.	0.8	32

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19	Co-cultivation of Synechocystis salina and Pseudokirchneriella subcapitata under varying phosphorus concentrations evidences an allelopathic competition scenario. RSC Advances, 2016, 6, 56091-56100.	1.7	4
20	Combinatorial Activity of Flavonoids with Antibiotics Against Drug-ResistantStaphylococcus aureus. Microbial Drug Resistance, 2015, 21, 600-609.	0.9	33
21	Antibacterial activity and mode of action of selected glucosinolate hydrolysis products against bacterial pathogens. Journal of Food Science and Technology, 2015, 52, 4737-4748.	1.4	91
22	Evaluation of the effects of selected phytochemicals on quorum sensing inhibition andin vitrocytotoxicity. Biofouling, 2014, 30, 183-195.	0.8	122
23	Evaluation of the best method to assess antibiotic potentiation by phytochemicals against Staphylococcus aureus. Diagnostic Microbiology and Infectious Disease, 2014, 79, 125-134.	0.8	18
24	What should be considered in the treatment of bacterial infections by multi-drug therapies: A mathematical perspective?. Drug Resistance Updates, 2014, 17, 51-63.	6.5	2
25	Use of phenyl isothiocyanate for biofilm prevention and control. International Biodeterioration and Biodegradation, 2014, 86, 34-41.	1.9	23
26	Antimicrobial Activity of Selected Phytochemicals against Escherichia coli and Staphylococcus aureus and Their Biofilms. Pathogens, 2014, 3, 473-498.	1.2	151
27	Current and emergent strategies for disinfection of hospital environments. Journal of Antimicrobial Chemotherapy, 2013, 68, 2718-2732.	1.3	146
28	Antibacterial Activity of Phenyl Isothiocyanate on Escherichia coli and Staphylococcus aureus. Medicinal Chemistry, 2013, 9, 756-761.	0.7	38
29	Plants as sources of new antimicrobials and resistance-modifying agents. Natural Product Reports, 2012, 29, 1007.	5.2	385
30	Action of Kanamycin Against Single and Dual Species Biofilms of Escherichia coli and Staphylococcus aureus. Journal of Microbiology Research, 2012, 2, 84-88.	0.3	8
31	Persister cells in a biofilm treated with a biocide. Biofouling, 2011, 27, 403-411.	0.8	37