

Ana Cristina Esteves

List of Publications by Year in descending order

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63
papers

1,381
citations

304743

22
h-index

377865

34
g-index

66
all docs

66
docs citations

66
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial collagenases – A review. <i>Critical Reviews in Microbiology</i> , 2016, 42, 106-126.	6.1	136
2	Proteins in ecotoxicology – How, why and why not?. <i>Proteomics</i> , 2010, 10, 873-887.	2.2	111
3	Phylogenetic diversity, antibiotic resistance and virulence traits of <i>Aeromonas</i> spp. from untreated waters for human consumption. <i>International Journal of Food Microbiology</i> , 2012, 159, 230-239.	4.7	58
4	Effects of UV Radiation on the Lipids and Proteins of Bacteria Studied by Mid-Infrared Spectroscopy. <i>Environmental Science & Technology</i> , 2013, 47, 6306-6315.	10.0	55
5	Multiplicity of aspartic proteinases from <i>Cynara cardunculus</i> L. <i>Planta</i> , 2009, 230, 429-439.	3.2	54
6	A multi-omics analysis of the grapevine pathogen <i>Lasiodiplodia theobromae</i> reveals that temperature affects the expression of virulence- and pathogenicity-related genes. <i>Scientific Reports</i> , 2019, 9, 13144.	3.3	47
7	Photoprotection in a monophyletic branch of chlorophyte algae is independent of energy-dependent quenching (qE). <i>New Phytologist</i> , 2017, 214, 1132-1144.	7.3	44
8	Purification and characterization of a new peptide antibiotic produced by a thermotolerant <i>Bacillus</i> licheniformis strain. <i>Biotechnology Letters</i> , 2004, 26, 115-119.	2.2	43
9	Secretome analysis identifies potential virulence factors of <i>Diplodia corticola</i> , a fungal pathogen involved in cork oak (<i>Quercus suber</i>) decline. <i>Fungal Biology</i> , 2014, 118, 516-523.	2.5	41
10	Protein profiles of <i>Escherichia coli</i> and <i>Staphylococcus warneri</i> are altered by photosensitization with cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1169-1178.	2.9	39
11	Novel halotolerant species of <i>Emericellopsis</i> and <i>Parasarocladium</i> associated with macroalgae in an estuarine environment. <i>Mycologia</i> , 2020, 112, 154-171.	1.9	34
12	Botryosphaerales fungi produce extracellular enzymes with biotechnological potential. <i>Canadian Journal of Microbiology</i> , 2014, 60, 332-342.	1.7	32
13	Temperature Modulates the Secretome of the Phytopathogenic Fungus <i>Lasiodiplodia theobromae</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1096.	3.6	31
14	<i>Trichoderma harzianum</i> T1A constitutively secretes proteins involved in the biological control of <i>Guignardia citricarpa</i> . <i>Biological Control</i> , 2017, 106, 99-109.	3.0	30
15	<i>Lasiodiplodia theobromae</i> as a Producer of Biotechnologically Relevant Enzymes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 29.	4.1	28
16	Dual RNA Sequencing of <i>Vitis vinifera</i> during <i>Lasiodiplodia theobromae</i> Infection Unveils Host-Pathogen Interactions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6083.	4.1	28
17	Protein differential expression induced by endocrine disrupting compounds in a terrestrial isopod. <i>Chemosphere</i> , 2010, 79, 570-576.	8.2	27
18	Production of toxic metabolites by two strains of <i>Lasiodiplodia theobromae</i> , isolated from a coconut tree and a human patient. <i>Mycologia</i> , 2018, 110, 642-653.	1.9	27

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19	Novel Linear Polymers Able to Inhibit Bacterial Quorum Sensing. <i>Macromolecular Bioscience</i> , 2015, 15, 647-656.	4.1	26
20	Secretome analysis of <i>Trichoderma atroviride</i> T17 biocontrol of <i>Guignardia citricarpa</i> . <i>Biological Control</i> , 2016, 99, 38-46.	3.0	25
21	Marine Fungi: Opportunities and Challenges. <i>Encyclopedia</i> , 2022, 2, 559-577.	4.5	25
22	Biodiversity of <i>Penicillium</i> species from marine environments in Portugal and description of <i>Penicillium lusitanum</i> sp. nov., a novel species isolated from sea water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3014-3021.	1.7	24
23	Biochemical Characterization of SFC-1, a Class A Carbapenem-Hydrolyzing β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4512-4514.	3.2	23
24	In search of synergistic effects in antioxidant capacity of combined edible mushrooms. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 160-172.	2.8	23
25	Secondary Metabolites Produced by <i>Macrophomina phaseolina</i> Isolated from <i>Eucalyptus globulus</i> . <i>Agriculture (Switzerland)</i> , 2020, 10, 72.	3.1	22
26	Secondary metabolites produced by grapevine strains of <i>Lasiodiplodia theobromae</i> grown at two different temperatures. <i>Mycologia</i> , 2019, 111, 466-476.	1.9	21
27	Respiratory muscle strength and lung function in the stages of Parkinson's disease. <i>Jornal Brasileiro De Pneumologia</i> , 2019, 45, e20180148.	0.7	18
28	Genomic and Metabolomic Analyses of the Marine Fungus <i>Emerizella cladophorae</i> : Insights into Saltwater Adaptability Mechanisms and Its Biosynthetic Potential. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1011.	1.6	18
29	Revealing the hidden diversity of marine fungi in Portugal with the description of two novel species, <i>Neoscochyta fuci</i> sp. nov. and <i>Paraconiothyrium salinum</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5337-5354.	1.7	17
30	SDS-PAGE and IR spectroscopy to evaluate modifications in the viral protein profile induced by a cationic porphyrinic photosensitizer. <i>Journal of Virological Methods</i> , 2014, 209, 103-109.	2.1	16
31	<i>Aeromonas piscicola</i> AH-3 expresses an extracellular collagenase with cytotoxic properties. <i>Letters in Applied Microbiology</i> , 2015, 60, 288-297.	2.2	16
32	Three new species of <i>Neocamarosporium</i> isolated from saline environments: <i>N. aestuarinum</i> sp. nov., <i>N. endophyticum</i> sp. nov. and <i>N. halimiones</i> sp. nov.. <i>Mycosphere</i> , 2019, 10, 608-621.	6.1	16
33	<i>Neptunomyces aureus</i> gen. et sp. nov. (Didymosphaeriaceae, Pleosporales) isolated from algae in Ria de Aveiro, Portugal. <i>MycKeys</i> , 2019, 60, 31-44.	1.9	15
34	Population wide testing pooling strategy for SARS-CoV-2 detection using saliva. <i>PLoS ONE</i> , 2022, 17, e0263033.	2.5	15
35	Toxicity of Recombinant Necrosis and Ethylene-Inducing Proteins (NLPs) from <i>Neofusicoccum parvum</i> . <i>Toxins</i> , 2020, 12, 235.	3.4	14
36	Cardosins A and B, two new enzymes available for peptide synthesis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 1998, 5, 327-330.	1.8	13

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37	Strain-related pathogenicity in <i>Diplodia corticola</i> . Forest Pathology, 2017, 47, e12366.	1.1	12
38	Thermostability of cardosin A from <i>Cynara cardunculus</i> L. Thermochimica Acta, 2003, 402, 123-134.	2.7	11
39	Reverse hydrolysis by cardosin A: specificity considerations. Journal of Molecular Catalysis B: Enzymatic, 2004, 28, 33-37.	1.8	11
40	Unfolding of cardosin A in organic solvents and detection of intermediaries. Journal of Molecular Catalysis B: Enzymatic, 2009, 57, 115-122.	1.8	11
41	Unveiling Biological Activities of Marine Fungi: The Effect of Sea Salt. Applied Sciences (Switzerland), 2021, 11, 6008.	2.5	11
42	Acetonitrile-induced unfolding of porcine pepsin A. International Journal of Biological Macromolecules, 2009, 45, 213-220.	7.5	10
43	Effect of \hat{I}^3 -Aminobutyric Acid (GABA) on the Metabolome of Two Strains of <i>Lasiodiplodia theobromae</i> Isolated from Grapevine. Molecules, 2020, 25, 3833.	3.8	10
44	Genome and Metabolome MS-Based Mining of a Marine Strain of <i>Aspergillus affinis</i> . Journal of Fungi (Basel, Switzerland), 2021, 7, 1091.	3.5	9
45	Effect of temperature on the phytotoxicity and cytotoxicity of Botryosphaeriaceae fungi. Fungal Biology, 2020, 124, 571-578.	2.5	8
46	Photodynamic inactivation of <i>Lasiodiplodia theobromae</i> : lighting the way towards an environmentally friendly phytosanitary treatment. Biology Letters, 2021, 17, 20200820.	2.3	8
47	Effect of acetonitrile on <i>Cynara cardunculus</i> L. cardosin A stability. International Journal of Biological Macromolecules, 2006, 39, 273-279.	7.5	7
48	Algerian cardoon flowers express a large spectrum of coagulant enzymes with potential applications in cheesemaking. International Dairy Journal, 2020, 105, 104689.	3.0	7
49	Tracking the functional meaning of the human oral-microbiome protein-protein interactions. Advances in Protein Chemistry and Structural Biology, 2020, 121, 199-235.	2.3	7
50	Peptone from casein, an antagonist of nonribosomal peptide synthesis: a case study of pedopeptins produced by <i>Pedobacter lusitanus</i> NL19. New Biotechnology, 2021, 60, 62-71.	4.4	7
51	<i>Verrucoconiothyrium ambiguum</i> sp. nov., a novel species isolated from sea water, and affiliation of the genus <i>Verrucoconiothyrium</i> to the family Didymellaceae. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3769-3776.	1.7	7
52	Cardosin A as a model aspartic proteinase for the study of organic solvent effects. Journal of Molecular Catalysis B: Enzymatic, 2003, 21, 19-23.	1.8	5
53	Evaluation of cardosin A as a proteolytic probe in the presence of organic solvents. Journal of Molecular Catalysis B: Enzymatic, 2004, 31, 137-141.	1.8	5
54	Evaluation of cardosin A as a probe for limited proteolysis in non-aqueous environmentsâ€™ complex substrates hydrolysis. Enzyme and Microbial Technology, 2006, 38, 415-421.	3.2	5

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55	Functional and conformational changes in the aspartic protease cardosin A induced by TFE. International Journal of Biological Macromolecules, 2012, 50, 323-330.	7.5	3
56	Activity of cardosins A and B in the presence of organic solvents. Progress in Biotechnology, 1998, 15, 731-734.	0.2	2
57	Non-native states of cardosin A induced by acetonitrile: Activity modulation via polypeptide chains rearrangements. Journal of Molecular Catalysis B: Enzymatic, 2009, 61, 274-278.	1.8	2
58	Insights into the Restoration of Tributyltin Contaminated Environments Using Marine Bacteria from Portuguese Fishing Ports. Applied Sciences (Switzerland), 2021, 11, 6411.	2.5	2
59	An Analysis of Protein Patterns Present in the Saliva of Diabetic Patients Using Pairwise Relationship and Hierarchical Clustering. Lecture Notes in Computer Science, 2020, , 148-159.	1.3	2
60	SalivaPrint as a Non-invasive Diagnostic Tool. , 2020, , .		2
61	Extracellular enzymatic activity from tributyltin resistant microorganisms. Current Opinion in Biotechnology, 2011, 22, S80.	6.6	1
62	A mathematical modeling approach to assess biological control of an orange tree disease. Applied Mathematics Letters, 2021, 118, 107140.	2.7	1
63	Production of a novel collagenase and applications. Journal of Biotechnology, 2014, 185, S70-S71.	3.8	0