

# Alexandra Plã;cido

## List of Publications by Year in descending order

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44  
papers

834  
citations

516215

16  
h-index

525886

27  
g-index

44  
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44  
docs citations

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times ranked

1476  
citing authors

#	ARTICLE	IF	CITATIONS
1	QuEChERS: A new sample preparation approach for the determination of ibuprofen and its metabolites in soils. <i>Science of the Total Environment</i> , 2012, 433, 281-289.	3.9	92
2	Quaternized cashew gum: An anti-staphylococcal and biocompatible cationic polymer for biotechnological applications. <i>Carbohydrate Polymers</i> , 2017, 157, 567-575.	5.1	57
3	In Situ Synthesis of Silver Nanoparticles in a Hydrogel of Carboxymethyl Cellulose with Phthalated-Cashew Gum as a Promising Antibacterial and Healing Agent. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2399.	1.8	56
4	Structure and function of a novel antioxidant peptide from the skin of tropical frogs. <i>Free Radical Biology and Medicine</i> , 2018, 115, 68-79.	1.3	52
5	Synergistic and antibiofilm properties of ocellatin peptides against multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Future Microbiology</i> , 2018, 13, 151-163.	1.0	44
6	Lycopene-rich extract from red guava ( <i>Psidium guajava</i> L.) displays cytotoxic effect against human breast adenocarcinoma cell line MCF-7 via an apoptotic-like pathway. <i>Food Research International</i> , 2018, 105, 184-196.	2.9	43
7	Silver nanoparticle stabilized by hydrolyzed collagen and natural polymers: Synthesis, characterization and antibacterial-antifungal evaluation. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 808-814.	3.6	39
8	Chitosan-based silver nanoparticles: A study of the antibacterial, antileishmanial and cytotoxic effects. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 397-410.	0.8	35
9	Acetylated cashew gum-based nanoparticles for the incorporation of alkaloid epiisopiloturine. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 965-972.	3.6	31
10	Antibacterial application of natural and carboxymethylated cashew gum-based silver nanoparticles produced by microwave-assisted synthesis. <i>Carbohydrate Polymers</i> , 2020, 241, 115260.	5.1	27
11	Electrochemical genoassays on gold-coated magnetic nanoparticles to quantify genetically modified organisms (GMOs) in food and feed as GMO percentage. <i>Biosensors and Bioelectronics</i> , 2018, 110, 147-154.	5.3	26
12	Cytotoxic activity of poly- $\epsilon$ -caprolactone lipid-core nanocapsules loaded with lycopene-rich extract from red guava ( <i>Psidium guajava</i> L.) on breast cancer cells. <i>Food Research International</i> , 2020, 136, 109548.	2.9	26
13	Identification of Eschweilenol C in derivative of <i>Terminalia fagifolia</i> Mart. and green synthesis of bioactive and biocompatible silver nanoparticles. <i>Industrial Crops and Products</i> , 2019, 137, 52-65.	2.5	25
14	The Antioxidant Peptide Salamandrin-I: First Bioactive Peptide Identified from Skin Secretion of Salamandra Genus ( <i>Salamandra salamandra</i> ). <i>Biomolecules</i> , 2020, 10, 512.	1.8	22
15	Thaulin-1: The first antimicrobial peptide isolated from the skin of a Patagonian frog <i>Pleurodema thaul</i> (Anura: Leptodactylidae: Leiuperinae) with activity against <i>Escherichia coli</i> . <i>Gene</i> , 2017, 605, 70-80.	1.0	21
16	Novel Ocellatin Peptides Mitigate LPS-induced ROS Formation and NF- $\kappa$ B Activation in Microglia and Hippocampal Neurons. <i>Scientific Reports</i> , 2020, 10, 2696.	1.6	19
17	Ocellatin- $\epsilon$ antimicrobial peptides: High-resolution microscopy studies in antileishmania models and interactions with mimetic membrane systems. <i>Biopolymers</i> , 2016, 105, 873-886.	1.2	18
18	Salt content in bread and dough from northern Portugal: Method development and comparison. <i>Journal of Food Composition and Analysis</i> , 2012, 27, 14-20.	1.9	16

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19	Determination of Methiocarb and Its Degradation Products, Methiocarb Sulfoxide and Methiocarb Sulfone, in Bananas Using QuEChERS Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 325-331.	2.4	16
20	Antifungal and anti-inflammatory potential of eschweilenol C-rich fraction derived from <i>Terminalia fagifolia</i> Mart. <i>Journal of Ethnopharmacology</i> , 2019, 240, 111941.	2.0	14
21	Mechanistic Insights into the Leishmanicidal and Bactericidal Activities of Batroxicidin, a Cathelicidin-Related Peptide from a South American Viper ( <i>Bothrops atrox</i> ). <i>Journal of Natural Products</i> , 2021, 84, 1787-1798.	1.5	14
22	Structure-Activity Relationship of Piplartine and Synthetic Analogues against <i>Schistosoma mansoni</i> and Cytotoxicity to Mammalian Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1802.	1.8	13
23	Copper nanoparticles stabilized with cashew gum: Antimicrobial activity and cytotoxicity against 4T1 mouse mammary tumor cell line. <i>Journal of Biomaterials Applications</i> , 2019, 34, 188-197.	1.2	13
24	Layer-by-layer films containing peptides of the Cry1Ab16 toxin from <i>Bacillus thuringiensis</i> for potential biotechnological applications. <i>Materials Science and Engineering C</i> , 2016, 61, 832-841.	3.8	11
25	Extracts and fractions of <i>Croton</i> L. (Euphorbiaceae) species with antimicrobial activity and antioxidant potential. <i>LWT - Food Science and Technology</i> , 2021, 139, 110521.	2.5	10
26	Promising self-emulsifying drug delivery system loaded with lycopene from red guava ( <i>Psidium guajava</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Nanotechnology, 2021, 12, .	1.9	10
27	Antibacterial activity of novel peptide derived from Cry1Ab16 toxin and development of LbL films for foodborne pathogens control. <i>Materials Science and Engineering C</i> , 2017, 75, 503-509.	3.8	8
28	In Silico, In Vitro and In Vivo Toxicological Assessment of BPP-BrachyNH2, A Vasoactive Proline-Rich Oligopeptide from <i>Brachycephalus ephippium</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2017, 23, 323-331.	0.9	8
29	Somuncurins: Bioactive Peptides from the Skin of the Endangered Endemic Patagonian Frog <i>Pleurodema somuncurense</i> . <i>Journal of Natural Products</i> , 2020, 83, 972-984.	1.5	8
30	A convenient renewable surface plasmon resonance chip for relative quantification of genetically modified soybean in food and feed. <i>PLoS ONE</i> , 2020, 15, e0229659.	1.1	7
31	Neuroprotective effects on microglia and insights into the structure-activity relationship of an antioxidant peptide isolated from <i>Pelophylax perezii</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2793-2807.	1.6	7
32	Tracing two Roundup Ready, soybean lines (GTS 40-3-2 and MON89788) in foods commercialised in Portugal. <i>Food Control</i> , 2017, 73, 1053-1060.	2.8	6
33	The peptide secreted at the water to land transition in a model amphibian has antioxidant effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211531.	1.2	6
34	Structure-function studies of BPP-BrachyNH2 and synthetic analogues thereof with Angiotensin I-Converting Enzyme. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 401-411.	2.6	5
35	Synthesis of novel sulfide-based cyclic peptidomimetic analogues to solonomides. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2544-2551.	1.3	5
36	The Arsenal of Bioactive Molecules in the Skin Secretion of Urodele Amphibians. <i>Frontiers in Pharmacology</i> , 2021, 12, 810821.	1.6	5

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37	Genetically Modified Organism Analysis as Affected by DNA Degradation. , 2016, , 111-118.		4
38	Novel Strategies for Genetically Modified Organism Detection. , 2016, , 119-131.		4
39	Cry1A(b)16 toxin from Bacillus thuringiensis : Theoretical refinement of three-dimensional structure and prediction of peptides as molecular markers for detection of genetically modified organisms. Proteins: Structure, Function and Bioinformatics, 2017, 85, 1248-1257.	1.5	3
40	Chronoamperometric magnetogenosensing for simultaneous detection of two Roundup Ready <sup>®</sup> soybean lines: GTS 40-3-2 and MON89788. Sensors and Actuators B: Chemical, 2019, 283, 262-268.	4.0	3
41	BR-bombesin: a novel bombesin-related peptide from the skin secretion of the Chaco tree frog (Boana) Tj ETQq1 1 0.784314, 2gBT /Over	1.2	2
42	Total Antioxidant Capacity of Flavored Waters. , 2014, , 215-224.		1
43	Peptide isolated from Cry1Ab16 toxin present in Bacillus thuringiensis: Synthesis and morphology data for layer-by-layer films studied by atomic force microscopy. Data in Brief, 2016, 8, 114-119.	0.5	1
44	Acetylated cashew-gum-based silver nanoparticles for the development of latent fingerprints on porous surfaces. Environmental Nanotechnology, Monitoring and Management, 2020, 14, 100383.	1.7	1