

Ricardo Castro

List of Publications by Year in descending order

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27
papers

382
citations

840776

11
h-index

794594

19
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27
all docs

27
docs citations

27
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives of Dendrimer-based Nanoparticles in Cancer Therapy. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2331-2346.	0.8	45
2	Novel Alkylimidazolium Ionic Liquids as an Antibacterial Alternative to Pathogens of the Skin and Soft Tissue Infections. <i>Molecules</i> , 2018, 23, 2354.	3.8	42
3	Bioassay-Guided Isolation and HPLC Determination of Bioactive Compound That Relate to the Antiplatelet Activity (Adhesion, Secretion, and Aggregation) from <i>Solanum lycopersicum</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	1.2	33
4	Preparation of Hydrogel/Silver Nanohybrids Mediated by Tunable-Size Silver Nanoparticles for Potential Antibacterial Applications. <i>Polymers</i> , 2019, 11, 716.	4.5	29
5	Experimental and theoretical binding affinity between polyvinylpolypyrrolidone and selected phenolic compounds from food matrices. <i>Food Chemistry</i> , 2015, 168, 464-470.	8.2	28
6	Comparative study of the volatile organic compounds of four strawberry cultivars and its relation to alcohol acyltransferase enzymatic activity. <i>Scientia Horticulturae</i> , 2019, 251, 65-72.	3.6	28
7	Molecular Insights into FaEG1, a Strawberry Endoglucanase Enzyme Expressed during Strawberry Fruit Ripening. <i>Plants</i> , 2019, 8, 140.	3.5	21
8	Fast detection of <i>Listeria monocytogenes</i> through a nanohybrid quantum dot complex. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5359-5371.	3.7	19
9	Rational Development of a Novel Hydrogel as a pH-Sensitive Controlled Release System for Nifedipine. <i>Polymers</i> , 2018, 10, 806.	4.5	18
10	Study of the cell wall components produced during different ripening stages through thermogravimetric analysis. <i>Cellulose</i> , 2019, 26, 3009-3020.	4.9	16
11	Changes in the cell wall components produced by exogenous abscisic acid treatment in strawberry fruit. <i>Cellulose</i> , 2021, 28, 1555-1570.	4.9	14
12	Design and Optimization of a Self-Assembling Complex Based on Microencapsulated Calcium Alginate and Glutathione (CAG) Using Response Surface Methodology. <i>Polymers</i> , 2021, 13, 2080.	4.5	11
13	Antimicrobial properties of novel ionic liquids derived from imidazolium cation with phenolic functional groups. <i>Bioorganic Chemistry</i> , 2021, 115, 105289.	4.1	10
14	Effect of Exogenous Auxin Treatment on Cell Wall Polymers of Strawberry Fruit. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6294.	4.1	9
15	Characterization of cell wall modification through thermogravimetric analysis during ripening of Chilean strawberry (<i>Fragaria chiloensis</i>) fruit. <i>Cellulose</i> , 2021, 28, 4611-4623.	4.9	8
16	Combined effects of sulfur dioxide, glutathione and light exposure on the conservation of bottled Sauvignon blanc. <i>Food Chemistry</i> , 2021, 356, 129689.	8.2	8
17	Characterization of the Cell Wall Component through Thermogravimetric Analysis and Its Relationship with an Expansin-like Protein in <i>Deschampsia antarctica</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 5741.	4.1	8
18	Evaluation of Cell Wall Modification in Two Strawberry Cultivars with Contrasted Softness. <i>Agronomy</i> , 2021, 11, 1100.	3.0	7

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19	Effects of the age/rage axis in the platelet activation. International Journal of Biological Macromolecules, 2021, 166, 1149-1161.	7.5	6
20	New polymer for removal of wine phenolics: Poly(N-(3-(N-isobutyrylisobutyramido)-3-oxopropyl)acrylamide) (P-NIOA). Food Chemistry, 2016, 213, 554-560.	8.2	5
21	Protective Effect of Pitao (Pitavia punctata (R. & P.) Molina) Polyphenols against the Red Blood Cells Lipoperoxidation and the In Vitro LDL Oxidation. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	1.2	5
22	<i>In Silico</i> and<i> In Vitro</i> Analysis of the Anti-Inflammatory Function. BioMed Research International, 2019, 2019, 1-9.	1.9	5
23	Ugni molinae Fruit as a Source of Bioactive Compounds with Good Quality Traits. BioMed Research International, 2021, 2021, 1-11.	1.9	2
24	Physicochemical and computational analysis of the melamine resin derivative for the glyphosate absorption from water using Langmuir-type model. International Journal of Environmental Science and Technology, 2022, 19, 7791-7802.	3.5	2
25	Structural Effects of pH Variation and Calcium Amount on the Microencapsulation of Glutathione in Alginate Polymers. BioMed Research International, 2022, 2022, 1-11.	1.9	2
26	Eugenol Supplementation as an Additive to Improve the Thermal Stability of Hedychium coronarium Koenig Essential Oil. Natural Products Journal, 2020, 10, 279-285.	0.3	1
27	Inhibition of IL-2 Production by Novel Small Molecules using Building Blocks from Reduced Chalcones and a Substituted Proline. Current Drug Therapy, 2018, 13, 130-139.	0.3	0