

Ricardo Castro

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

382
citations

840776

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794594

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docs citations

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times ranked

508
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Physicochemical and computational analysis of the melamine resin derivative for the glyphosate absorption from water using Langmuir-type model. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 7791-7802. | 3.5 | 2 |
| 2 | Structural Effects of pH Variation and Calcium Amount on the Microencapsulation of Glutathione in Alginate Polymers. <i>BioMed Research International</i> , 2022, 2022, 1-11. | 1.9 | 2 |
| 3 | 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 |
| 4 | Effects of the age/age axis in the platelet activation. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1149-1161. | 7.5 | 6 |
| 5 | 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 |
| 6 | Ugni molinae Fruit as a Source of Bioactive Compounds with Good Quality Traits. <i>BioMed Research International</i> , 2021, 2021, 1-11. | 1.9 | 2 |
| 7 | Evaluation of Cell Wall Modification in Two Strawberry Cultivars with Contrasted Softness. <i>Agronomy</i> , 2021, 11, 1100. | 3.0 | 7 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Antimicrobial properties of novel ionic liquids derived from imidazolium cation with phenolic functional groups. <i>Bioorganic Chemistry</i> , 2021, 115, 105289. | 4.1 | 10 |
| 12 | 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 |
| 13 | Eugenol Supplementation as an Additive to Improve the Thermal Stability of Hedychium coronarium Koenig Essential Oil. <i>Natural Products Journal</i> , 2020, 10, 279-285. | 0.3 | 1 |
| 14 | Molecular Insights into FaEG1, a Strawberry Endoglucanase Enzyme Expressed during Strawberry Fruit Ripening. <i>Plants</i> , 2019, 8, 140. | 3.5 | 21 |
| 15 | Study of the cell wall components produced during different ripening stages through thermogravimetric analysis. <i>Cellulose</i> , 2019, 26, 3009-3020. | 4.9 | 16 |
| 16 | <i>In Silico</i> and <i>In Vitro</i> Analysis of the Anti-Inflammatory Function. <i>BioMed Research International</i> , 2019, 2019, 1-9. | 1.9 | 5 |
| 17 | Preparation of Hydrogel/Silver Nanohybrids Mediated by Tunable-Size Silver Nanoparticles for Potential Antibacterial Applications. <i>Polymers</i> , 2019, 11, 716. | 4.5 | 29 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | Rational Development of a Novel Hydrogel as a pH-Sensitive Controlled Release System for Nifedipine. <i>Polymers</i> , 2018, 10, 806. | 4.5 | 18 |
| 20 | 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 |
| 21 | Protective Effect of Pitao (<i>Pitavia punctata</i> (R. & P.) Molina) Polyphenols against the Red Blood Cells Lipoperoxidation and the In Vitro LDL Oxidation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9. | 1.2 | 5 |
| 22 | Perspectives of Dendrimer-based Nanoparticles in Cancer Therapy. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2331-2346. | 0.8 | 45 |
| 23 | Inhibition of IL-2 Production by Novel Small Molecules using Building Blocks from Reduced Chalcones and a Substituted Proline. <i>Current Drug Therapy</i> , 2018, 13, 130-139. | 0.3 | 0 |
| 24 | 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 |
| 25 | New polymer for removal of wine phenolics: Poly(N-(3-(N-isobutyrylisobutyramido)-3-oxopropyl)acrylamide) (P-NIOA). <i>Food Chemistry</i> , 2016, 213, 554-560. | 8.2 | 5 |
| 26 | Experimental and theoretical binding affinity between polyvinylpyrrolidone and selected phenolic compounds from food matrices. <i>Food Chemistry</i> , 2015, 168, 464-470. | 8.2 | 28 |
| 27 | 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 |