

Alexandra G. DurÃ¡n

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7084711/publications.pdf>

Version: 2024-02-01

21
papers

289
citations

933447

10
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

394
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Synthesis, antibacterial and antifungal activities of naphthoquinone derivatives: a structure–activity relationship study. <i>Medicinal Chemistry Research</i> , 2016, 25, 1274-1285. | 2.4 | 72 |
| 2 | Phloroglucinols from Myrtaceae: attractive targets for structural characterization, biological properties and synthetic procedures. <i>Phytochemistry Reviews</i> , 2021, 20, 259-299. | 6.5 | 27 |
| 3 | Aloe barbadensis: how a miraculous plant becomes reality. <i>Phytochemistry Reviews</i> , 2013, 12, 581-602. | 6.5 | 26 |
| 4 | Influence of lipophilicity in <i>o</i> -acyl and <i>o</i> -alkyl derivatives of juglone and lawsone: a structure–activity relationship study in the search for natural herbicide models. <i>Pest Management Science</i> , 2018, 74, 682-694. | 3.4 | 19 |
| 5 | An Overview of the Chemical Characteristics, Bioactivity and Achievements Regarding the Therapeutic Usage of Acetogenins from <i>Annona cherimola</i> Mill.. <i>Molecules</i> , 2021, 26, 2926. | 3.8 | 15 |
| 6 | Guaianolides for Multipurpose Molecular Design. <i>ACS Symposium Series</i> , 2013, , 167-188. | 0.5 | 14 |
| 7 | Resistance modulatory and efflux-inhibitory activities of capsaicinoids and capsinoids. <i>Bioorganic Chemistry</i> , 2019, 82, 378-384. | 4.1 | 14 |
| 8 | Structure, Bioactivity and Analytical Methods for the Determination of Yucca Saponins. <i>Molecules</i> , 2021, 26, 5251. | 3.8 | 14 |
| 9 | Bioactivity and quantitative analysis of isohexenylnaphthazarins in root periderm of two <i>Echium</i> spp.: <i>E. plantagineum</i> and <i>E. agaditanum</i> . <i>Phytochemistry</i> , 2017, 141, 162-170. | 2.9 | 13 |
| 10 | Provitamin supramolecular polymer micelle with pH responsiveness to control release, bioavailability enhancement and potentiation of cytotoxic efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 85-93. | 5.0 | 13 |
| 11 | Structure–activity relationship studies on naphthoquinone analogs. The search for new herbicides based on natural products. <i>Pest Management Science</i> , 2019, 75, 2517-2529. | 3.4 | 11 |
| 12 | Bio-Guided Isolation of Acetogenins from <i>Annona cherimola</i> Deciduous Leaves: Production of Nanocarriers to Boost the Bioavailability Properties. <i>Molecules</i> , 2020, 25, 4861. | 3.8 | 11 |
| 13 | Allelopathy: The Chemical Language of Plants. <i>Progress in the Chemistry of Organic Natural Products</i> , 2020, 112, 1-84. | 1.1 | 10 |
| 14 | Features in the NMR spectra of the aglycones of <i>Agave</i> spp. saponins. HMBC method for aglycone identification (HMAI). <i>Phytochemical Analysis</i> , 2021, 32, 38-61. | 2.4 | 7 |
| 15 | Acyl Derivatives of Eudesmanolides To Boost their Bioactivity: An Explanation of Behavior in the Cell Membrane Using a Molecular Dynamics Approach. <i>ChemMedChem</i> , 2021, 16, 1297-1307. | 3.2 | 7 |
| 16 | Operation Allelopathy: An Experiment Investigating an Alternative to Synthetic Agrochemicals. <i>Journal of Chemical Education</i> , 2014, 91, 570-574. | 2.3 | 5 |
| 17 | Agave Steroidal Saponins as Potential Bioherbicides. <i>Agronomy</i> , 2021, 11, 2404. | 3.0 | 5 |
| 18 | Synthesis of (±)-3,4-dimethoxybenzyl-4-methyloctanoate as a novel internal standard for capsinoid determination by HPLC-ESI-MS/MS(QTOF). <i>Open Chemistry</i> , 2018, 16, 87-94. | 1.9 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Dereplication of Bioactive Spirostane Saponins from <i>Agave macroacantha</i> . <i>Journal of Natural Products</i> , 2021, 84, 2904-2913. | 3.0 | 2 |
| 20 | Quantification of Strigolactones. <i>Methods in Molecular Biology</i> , 2020, 2083, 199-208. | 0.9 | 1 |
| 21 | Sesquiterpenes in Fresh Food. , 2020, , 1-66. | | 1 |