

Alexandra G. Durã;n

List of Publications by Year in descending order

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papers

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22
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#	ARTICLE	IF	CITATIONS
1	Phloroglucinols from Myrtaceae: attractive targets for structural characterization, biological properties and synthetic procedures. <i>Phytochemistry Reviews</i> , 2021, 20, 259-299.	3.1	27
2	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.	1.2	7
3	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.	1.6	7
4	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.	1.7	15
5	Structure, Bioactivity and Analytical Methods for the Determination of <i>Yucca</i> Saponins. <i>Molecules</i> , 2021, 26, 5251.	1.7	14
6	Dereplication of Bioactive Spirostane Saponins from <i>Agave macroacantha</i> . <i>Journal of Natural Products</i> , 2021, 84, 2904-2913.	1.5	2
7	<i>Agave</i> Steroidal Saponins as Potential Bioherbicides. <i>Agronomy</i> , 2021, 11, 2404.	1.3	5
8	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.	1.7	11
9	Allelopathy: The Chemical Language of Plants. <i>Progress in the Chemistry of Organic Natural Products</i> , 2020, 112, 1-84.	0.8	10
10	Quantification of Strigolactones. <i>Methods in Molecular Biology</i> , 2020, 2083, 199-208.	0.4	1
11	Sesquiterpenes in Fresh Food. , 2020, , 1-66.		1
12	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.	1.7	11
13	Resistance modulatory and efflux-inhibitory activities of capsaicinoids and capsinoids. <i>Bioorganic Chemistry</i> , 2019, 82, 378-384.	2.0	14
14	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.	2.5	13
15	Synthesis of (\pm)-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.	1.0	2
16	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.	1.7	19
17	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.	1.4	13
18	Synthesis, antibacterial and antifungal activities of naphthoquinone derivatives: a structure-activity relationship study. <i>Medicinal Chemistry Research</i> , 2016, 25, 1274-1285.	1.1	72

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19	Operation Allelopathy: An Experiment Investigating an Alternative to Synthetic Agrochemicals. Journal of Chemical Education, 2014, 91, 570-574.	1.1	5
20	Aloe barbadensis: how a miraculous plant becomes reality. Phytochemistry Reviews, 2013, 12, 581-602.	3.1	26
21	Guaianolides for Multipurpose Molecular Design. ACS Symposium Series, 2013, , 167-188.	0.5	14