

Ricardo M Borges

List of Publications by Year in descending order

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33
papers

764
citations

623188

14
h-index

525886

27
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36
all docs

36
docs citations

36
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Ircinia strobilina crude extract as corrosion inhibitor for mild steel in acid medium. <i>Electrochimica Acta</i> , 2019, 312, 137-148.	2.6	120
2	Coral microbiome manipulation elicits metabolic and genetic restructuring to mitigate heat stress and evade mortality. <i>Science Advances</i> , 2021, 7, .	4.7	114
3	Effects of Euterpe oleracea Mart. (Açaí) extract in acute lung inflammation induced by cigarette smoke in the mouse. <i>Phytomedicine</i> , 2012, 19, 262-269.	2.3	100
4	Quantum Chemistry Calculations for Metabolomics. <i>Chemical Reviews</i> , 2021, 121, 5633-5670.	23.0	47
5	Development of a new sodium diclofenac certified reference material using the mass balance approach and ¹ H qNMR to determine the certified property value. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 502-513.	1.9	36
6	Absolute Configuration of (±)-Centratherin, a Sesquiterpenoid Lactone, Defined by Means of Chiroptical Spectroscopy. <i>Journal of Natural Products</i> , 2015, 78, 2617-2623.	1.5	31
7	Comprehensive Metabolome Analysis of Fermented Aqueous Extracts of <i>Viscum album</i> L. by Liquid Chromatography-High Resolution Tandem Mass Spectrometry. <i>Molecules</i> , 2020, 25, 4006.	1.7	29
8	Antioxidant action of propolis on mouse lungs exposed to short-term cigarette smoke. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7570-7577.	1.4	28
9	High-Resolution α-Glucosidase Inhibition Profiling Combined with HPLC-HRMS-SPE-NMR for Identification of Antidiabetic Compounds in <i>Eremanthus crotonoides</i> (Asteraceae). <i>Molecules</i> , 2016, 21, 782.	1.7	26
10	Antiherpetic activity of a flavonoid fraction from <i>Ocotea notata</i> leaves. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 306-313.	0.6	24
11	An integrated approach for mixture analysis using MS and NMR techniques. <i>Faraday Discussions</i> , 2019, 218, 339-353.	1.6	22
12	Antileukemic Properties of Sesquiterpene Lactones: A Systematic Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 323-334.	0.9	21
13	Dual high-resolution inhibition profiling and HPLC-HRMS-SPE-NMR analysis for identification of α-glucosidase and radical scavenging inhibitors in <i>Solanum americanum</i> Mill.. <i>FÁ-toterapÁ-Áç</i> , 2017, 118, 42-48.	1.1	20
14	Applying NMR compound identification using NMRfilter to match predicted to experimental data. <i>Metabolomics</i> , 2020, 16, 123.	1.4	15
15	High Cost-Effectiveness Ratio: GIAO-MPW1PW91/6-31G(d)//MPW1PW91/6-31G(d) Scaling Factor for ¹³ C Nuclear Magnetic Resonance Chemical Shifts Calculation. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014, 11, 219-225.	0.4	14
16	Dereplication of plant phenolics using a mass spectrometry database independent method. <i>Phytochemical Analysis</i> , 2018, 29, 601-612.	1.2	11
17	Extending compound identification for molecular network using the LipidXplorer database independent method: A proof of concept using glycoalkaloids from <i>Solanum pseudoquina</i> A. St. Hil.. <i>Phytochemical Analysis</i> , 2019, 30, 132-138.	1.2	10
18	Ziziphus joazeiro Stem Bark Extract as a Green Corrosion Inhibitor for Mild Steel in Acid Medium. <i>Processes</i> , 2021, 9, 1323.	1.3	10

#	ARTICLE	IF	CITATIONS
19	3-Ishwarone, a Rare Ishwarane Sesquiterpene from <i>Peperomia scandens</i> Ruiz & Pavon: Structural Elucidation through a Joint Experimental and Theoretical Study. <i>Molecules</i> , 2013, 18, 13520-13529.	1.7	9
20	Athenolide A, a New Steroidal Lactone from the Leaves of <i>Athenaea martiana</i> (Solanaceae) Determined by Means of HPLC-MS/MS-SPE-NMR. <i>Chemistry and Biodiversity</i> , 2018, 15, e1700455.	1.3	9
21	Preparative mass spectrometry profiling of minor concentrated metabolites in <i>Salicornia gaudichaudiana</i> Moq by high-speed countercurrent chromatography and offline electrospray mass spectrometry injection. <i>Journal of Separation Science</i> , 2019, 42, 1528-1541.	1.3	9
22	A pilot study for fragment identification using 2D NMR and deep learning. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 1052-1060.	1.1	9
23	Saponins from the roots of <i>Chiococca alba</i> and their in vitro anti-inflammatory activity. <i>Phytochemistry Letters</i> , 2013, 6, 96-100.	0.6	8
24	Two new oleanane saponins from <i>Chiococca alba</i> (L.) Hitch.. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, .	0.6	7
25	The adjuvanticity of <i>Chiococca alba</i> saponins increases with the length and hydrophilicity of their sugar chains. <i>Vaccine</i> , 2012, 30, 3169-3179.	1.7	7
26	Salbutamol extraction from urine and its stability in different solutions: identification of methylation products and validation of a quantitative analytical method. <i>Biomedical Chromatography</i> , 2013, 27, 1630-1638.	0.8	6
27	Exploring correlations between MS and NMR for compound identification using essential oils: A pilot study. <i>Phytochemical Analysis</i> , 2022, , .	1.2	6
28	Chemical profiling of herbarium samples of <i>solanum</i> (Solanaceae) using mass spectrometry. <i>Phytochemistry Letters</i> , 2020, 36, 99-105.	0.6	5
29	Combining high-speed countercurrent chromatography three-phase solvent system with electrospray ionization-mass spectrometry and nuclear magnetic resonance to profile the unconventional food plant <i>Syzygium malaccense</i> . <i>Journal of Chromatography A</i> , 2022, 1677, 463211.	1.8	5
30	Variable Data Independent Acquisition and Data Mining Exploring Feature-Based Molecular Networking Analysis for Untargeted Screening of Synthetic Cannabinoids in Oral Fluid. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2417-2424.	1.2	3
31	Ready-to-drink Matte® tea (diet and regular) increased life span and pulmonary health in aged mice. <i>Food Research International</i> , 2013, 54, 675-682.	2.9	2
32	A Systematic Pipeline to Enhance the Fecal Metabolome Coverage by LC-HRMS. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
33	Rapid Microwave-Assisted Phloroglucinolysis in the Determination of Oligomeric Procyanidin Average Size in Fiber Extracts of Two <i>Cocos nucifera</i> L. Varieties. <i>Revista Virtual De Quimica</i> , 0, , .	0.1	0