

# 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  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1116  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Exploring correlations between MS and NMR for compound identification using essential oils: A pilot study. <i>Phytochemical Analysis</i> , 2022, , .	1.2	6
3	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
4	Quantum Chemistry Calculations for Metabolomics. <i>Chemical Reviews</i> , 2021, 121, 5633-5670.	23.0	47
5	<i>Ziziphus joazeiro</i> Stem Bark Extract as a Green Corrosion Inhibitor for Mild Steel in Acid Medium. <i>Processes</i> , 2021, 9, 1323.	1.3	10
6	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
7	Coral microbiome manipulation elicits metabolic and genetic restructuring to mitigate heat stress and evade mortality. <i>Science Advances</i> , 2021, 7, .	4.7	114
8	Applying NMR compound identification using NMRfilter to match predicted to experimental data. <i>Metabolomics</i> , 2020, 16, 123.	1.4	15
9	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
10	Chemical profiling of herbarium samples of <i>Solanum</i> (Solanaceae) using mass spectrometry. <i>Phytochemistry Letters</i> , 2020, 36, 99-105.	0.6	5
11	<i>Ircinia strobilina</i> crude extract as corrosion inhibitor for mild steel in acid medium. <i>Electrochimica Acta</i> , 2019, 312, 137-148.	2.6	120
12	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
13	An integrated approach for mixture analysis using MS and NMR techniques. <i>Faraday Discussions</i> , 2019, 218, 339-353.	1.6	22
14	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
15	Athenolide A, a New Steroidal Lactone from the Leaves of <i>Athenaea martiana</i> (Solanaceae) Determined by Means of HPLC-HRMS-SPE-NMR Analysis. <i>Chemistry and Biodiversity</i> , 2018, 15, e1700455.		9
16	Dereplication of plant phenolics using a mass spectrometry database independent method. <i>Phytochemical Analysis</i> , 2018, 29, 601-612.	1.2	11
17	Antileukemic Properties of Sesquiterpene Lactones: A Systematic Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 323-334.	0.9	21
18	Dual high-resolution inhibition profiling and HPLC-HRMS-SPE-NMR analysis for identification of $\beta$ -glucosidase and radical scavenging inhibitors in <i>Solanum americanum</i> Mill.. <i>FÄ-toterapÄ-tÄ</i> , 2017, 118, 42-48.	1.1	20

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19	High-Resolution $\pm$ -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
20	Absolute Configuration of ( $\hat{\alpha}$ )-Centratherin, a Sesquiterpenoid Lactone, Defined by Means of Chiroptical Spectroscopy. <i>Journal of Natural Products</i> , 2015, 78, 2617-2623.	1.5	31
21	High Cost-Effectiveness Ratio: GIAO-MPW1PW91/6-31G(d)//MPW1PW91/6-31G(d) Scaling Factor for $\delta$ and $\epsilon$ Nuclear Magnetic Resonance Chemical Shifts Calculation. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014, 11, 219-225.	0.4	14
22	Development of a new sodium diclofenac certified reference material using the mass balance approach and $^1\text{H}$ qNMR to determine the certified property value. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 502-513.	1.9	36
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	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
25	Ready-to-drink Matte <sup>®</sup> 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
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	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
28	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
29	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
30	Effects of <i>Euterpe oleracea</i> Mart. ( $\hat{\alpha}$ ) extract in acute lung inflammation induced by cigarette smoke in the mouse. <i>Phytomedicine</i> , 2012, 19, 262-269.	2.3	100
31	Two new oleanane saponins from <i>Chiococca alba</i> (L.) Hitch.. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, .	0.6	7
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