

# Rafael Garrett da Costa

## List of Publications by Year in descending order

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39  
papers

710  
citations

623734

14  
h-index

552781

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanilla flavor: Species from the Atlantic forest as natural alternatives. Food Chemistry, 2022, 375, 131891.	8.2	8
2	Neotropical mustelids: fecal metabolome diversity and its potential for taxonomic discrimination. Integrative Zoology, 2022, , .	2.6	1
3	Lipid characterization of arabica and robusta coffee beans by liquid chromatography-ion mobility-mass spectrometry. Journal of Food Composition and Analysis, 2022, 111, 104587.	3.9	9
4	Combining high-speed countercurrent chromatography three-phase solvent system with electrospray ionization-mass spectrometry and nuclear magnetic resonance to profile the unconventional food plant Syzygium malaccense. Journal of Chromatography A, 2022, 1677, 463211.	3.7	5
5	Ziziphus joazeiro Stem Bark Extract as a Green Corrosion Inhibitor for Mild Steel in Acid Medium. Processes, 2021, 9, 1323.	2.8	10
6	Metabolomics by UHPLC-Q-TOF Reveals Host Tree-Dependent Phytochemical Variation in Viscum album L. Plants, 2021, 10, 1726.	3.5	20
7	Charakterisierung der Lipide in grünen Arabica und Robusta Kaffeebohnen mittels LC-MS/MS. Lebensmittelchemie, 2021, 75, S053.	0.0	0
8	Pomegranate (Punica granatum) peel fractions obtained by supercritical CO2 increase oxidative and colour stability of bluefish (Pomatomus saltatrix) patties treated by UV-C irradiation. Food Chemistry, 2021, 362, 130159.	8.2	14
9	Production of bioactive films of carboxymethyl cellulose enriched with green coffee oil and its residues. International Journal of Biological Macromolecules, 2020, 146, 730-738.	7.5	27
10	Comprehensive lipid analysis of green Arabica coffee beans by LC-HRMS/MS. Food Research International, 2020, 137, 109727.	6.2	16
11	The plant Stryphnodendron adstringens (Mart.) Coville as a neutralizing source against some toxic activities of Bothrops jararacussu snake venom. Toxicon, 2020, 186, 182-190.	1.6	6
12	Phytochemical analysis and in vitro anti-proliferative activity of Viscum album ethanolic extracts. BMC Complementary Medicine and Therapies, 2020, 20, 215.	2.7	23
13	Comprehensive Metabolome Analysis of Fermented Aqueous Extracts of Viscum album L. by Liquid Chromatography-High Resolution Tandem Mass Spectrometry. Molecules, 2020, 25, 4006.	3.8	29
14	Catalytic sugarcane bagasse transformation into a suitable biocrude for hydrocarbon production in typical refinery processes. Sustainable Energy and Fuels, 2020, 4, 4158-4169.	4.9	11
15	Chemical profiling of herbarium samples of solanum (Solanaceae) using mass spectrometry. Phytochemistry Letters, 2020, 36, 99-105.	1.2	5
16	Ircinia strobilina crude extract as corrosion inhibitor for mild steel in acid medium. Electrochimica Acta, 2019, 312, 137-148.	5.2	120
17	3-Acyltetramic acids as a novel class of inhibitors for human kallikreins 5 and 7. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1094-1098.	2.2	36
18	Metabolic profiling as a tool for differentiating Viscum album ssp. album plants growing on various host trees. Phytomedicine, 2019, 61, 1-2.	5.3	3

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19	Libidibia ferrea (jucã), a Traditional Anti-Inflammatory: A Study of Acute Toxicity in Adult and Embryos Zebrafish (Danio rerio). <i>Pharmaceutics</i> , 2019, 12, 175.	3.8	14
20	Direct-infusion electrospray ionization-mass spectrometry analysis reveals atractyligenin derivatives as potential markers for green coffee postharvest discrimination. <i>LWT - Food Science and Technology</i> , 2019, 103, 205-211.	5.2	11
21	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.	2.4	10
22	Use of <i>Kappaphycus alvarezii</i> Biomass for the Production of Carbohydrate Isopropylidene-Ketal-Based Biocrude. <i>Energy &amp; Fuels</i> , 2017, 31, 9422-9428.	5.1	5
23	Protective Effect of the Plant Extracts of <i>Erythroxylum</i> sp. against Toxic Effects Induced by the Venom of <i>Lachesis muta</i> Snake. <i>Molecules</i> , 2016, 21, 1350.	3.8	11
24	Revealing the spatial distribution of chlorogenic acids and sucrose across coffee bean endosperm by desorption electrospray ionization-mass spectrometry imaging. <i>LWT - Food Science and Technology</i> , 2016, 65, 711-717.	5.2	27
25	Unveiling the Chemical Composition of Sugar Cane Biocrudes by Liquid Chromatography-Tandem Mass Spectrometry. <i>Energy &amp; Fuels</i> , 2015, 29, 8082-8087.	5.1	16
26	Comparisons of ambient spray ionization imaging methods. <i>International Journal of Mass Spectrometry</i> , 2015, 377, 736-743.	1.5	10
27	Ambient Mass Spectrometry Employed for Direct Analysis of Intact Arabica Coffee Beans. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	4
28	Chemical Composition of Essential Oils from Two Fern Species of <i>Anemia</i> . <i>American Fern Journal</i> , 2013, 103, 215-224.	0.3	4
29	Discrimination of arabica coffee cultivars by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry and chemometrics. <i>LWT - Food Science and Technology</i> , 2013, 50, 496-502.	5.2	42
30	Coffee origin discrimination by paper spray mass spectrometry and direct coffee spray analysis. <i>Analytical Methods</i> , 2013, 5, 5944.	2.7	45
31	Arabica and Robusta Coffees: Identification of Major Polar Compounds and Quantification of Blends by Direct-Infusion Electrospray Ionization-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4253-4258.	5.2	80
32	Antihyperlipidemic activity of a flavonoid fraction from <i>Ocotea notata</i> leaves. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 306-313.	1.4	24
33	Died Dudley Williams: One of the pioneers in the application of mass spectrometry and NMR to organic compounds. <i>Revista Virtual De Quimica</i> , 2011, 3, .	0.4	0
34	Chemical Composition and Toxicity of <i>Ocotea notata</i> (Nees) Mez Essential Oil. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 455-459.	1.9	5
35	Antibacterial profile against drug-resistant <i>Staphylococcus epidermidis</i> clinical strain and structure-activity relationship studies of 1H-pyrazolo[3,4-b]pyridine and thieno[2,3-b]pyridine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8196-8204.	3.0	57
36	A Systematic Pipeline to Enhance the Fecal Metabolome Coverage by LC-HRMS. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1

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37	DEVELOPMENT AND APPLICATION OF A TEST MIXTURE FOR UNTARGETED LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY ANALYSIS OF URINE SAMPLES. <i>Quimica Nova</i> , 0, , .	0.3	0
38	GUIA PARA PROCESSAMENTO DE DADOS DE CROMATOGRAFIA ACOPLADA A ESPECTROMETRIA DE MASSAS. <i>Quimica Nova</i> , 0, , .	0.3	0
39	Chemical profile of <i>Stachytarpheta schottiana</i> by LC-HRMS/MS dereplication and molecular networking. <i>Rodriguesia</i> , 0, 72, .	0.9	1