

# Daniel P Demarque

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

3,613  
citations

759233

12  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

6417  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Potential of Biologically Active Brazilian Plant Species as a Strategy to Search for Molecular Models for Mosquito Control. <i>Planta Medica</i> , 2021, 87, 6-23.	1.3	6
2	VCD spectroscopy reveals that a water molecule determines the conformation of azithromycin in solution. <i>Chemical Communications</i> , 2021, 57, 4031-4034.	4.1	18
3	A Molecular Networking Strategy: High-Throughput Screening and Chemical Analysis of Brazilian Cerrado Plant Extracts against Cancer Cells. <i>Cells</i> , 2021, 10, 691.	4.1	12
4	Challenges, Advances and Opportunities in Exploring Natural Products to Control Arboviral Disease Vectors. <i>Frontiers in Chemistry</i> , 2021, 9, 779049.	3.6	11
5	Sensitivity of VCD spectroscopy for small structural and stereochemical changes of macrolide antibiotics. <i>Chemical Communications</i> , 2020, 56, 10926-10929.	4.1	17
6	Residual Larvicidal Activity of Quinones against <i>Aedes aegypti</i> . <i>Molecules</i> , 2020, 25, 3978.	3.8	25
7	Synthesis, phytotoxic evaluation and in silico studies for the development of novel natural products-inspired herbicides. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101559.	3.1	4
8	Involvement of Isoorientin in the Antidepressant Bioactivity of a Flavonoid-Rich Extract from <i>Passiflora edulis</i> f. <i>flavicarpa</i> Leaves. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 240-250.	1.4	10
9	Dereplication and Isolation of Larvicidal Compounds From Annonaceae Species Against <i>Aedes aegypti</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 123-126.	1.4	5
10	Mass spectrometry-based metabolomics approach in the isolation of bioactive natural products. <i>Scientific Reports</i> , 2020, 10, 1051.	3.3	66
11	Antileishmanial compounds from <i>Conarus suberosus</i> : Metabolomics, isolation and mechanism of action. <i>PLoS ONE</i> , 2020, 15, e0241855.	2.5	12
12	Pharmacokinetic disposition of erythraline in rats after intravenous administration. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 773-777.	1.4	1
13	Revisiting empirical rules for the determination of the absolute configuration of cascarosides and other (oxâ€)anthrones. <i>Chirality</i> , 2018, 30, 432-438.	2.6	8
14	Cytotoxicity of Structurally Diverse Anthranoids and Correlation with Mechanism of Action and Side Effects. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 347-353.	2.1	0
15	Isolation and Identification of the Five Novel Flavonoids from <i>Genipa americana</i> Leaves. <i>Molecules</i> , 2018, 23, 2521.	3.8	12
16	The role of tannins as antiulcer agents: a fluorescence-imaging based study. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 425-432.	1.4	16
17	Cytotoxic Triterpenes from <i>Salacia crassifolia</i> and Metabolite Profiling of Celastraceae Species. <i>Molecules</i> , 2018, 23, 1494.	3.8	17
18	New cascarosides from <i>Rhamnus purshiana</i> and fragmentation studies of the class by ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1169-1174.	1.5	7

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19	Achyrocline alata potentiates repair of skin full thickness excision in mice. <i>Journal of Tissue Viability</i> , 2017, 26, 289-299.	2.0	10
20	Intra- versus Intermolecular Hydrogen Bonding: Solvent-Dependent Conformational Preferences of a Common Supramolecular Binding Motif from $^{1}H$ -NMR and Vibrational Circular Dichroism Spectra. <i>Chemistry - A European Journal</i> , 2017, 23, 17915-17922.	3.3	27
21	Dereplication of Flavonoid Glycoconjugates from <i>Adenocalymma imperatoris-maximilianii</i> by Untargeted Tandem Mass Spectrometry-Based Molecular Networking. <i>Planta Medica</i> , 2017, 83, 636-646.	1.3	29
22	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802
23	Fragmentation reactions using electrospray ionization mass spectrometry: an important tool for the structural elucidation and characterization of synthetic and natural products. <i>Natural Product Reports</i> , 2016, 33, 432-455.	10.3	332
24	Optimization and Technological Development Strategies of an Antimicrobial Extract from <i>Achyrocline alata</i> Assisted by Statistical Design. <i>PLoS ONE</i> , 2015, 10, e0118574.	2.5	7
25	Low expression of CD39 on regulatory T cells as a biomarker for resistance to methotrexate therapy in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2509-2514.	7.1	125
26	In vitro anti- <i>Leishmania infantum</i> activity of essential oil from <i>Piper angustifolium</i> . <i>Revista Brasileira De Farmacognosia</i> , 2015, 25, 124-128.	1.4	27
27	Physicochemical, microbiological and sensory evaluation of a bioactive food blend. <i>Food Science and Technology</i> , 2014, 34, 609-615.	1.7	7
28	Cucurbitane Triterpene Glycosides from the Roots of <i>Wilbrandia hibiscoides</i> . <i>Revista Brasileira De Farmacognosia</i> , 0, 1.	1.4	0