

Paulo Marcos Donate

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Trypanocidal activity of (âˆ™)-cubebin derivatives against free amastigote forms of <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 303-307.	2.2	95
2	Synthesis and biological activity evaluation of lignan lactones derived from (âˆ™)-cubebin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1033-1037.	2.2	78
3	In vitro and in vivo activity of lignan lactones derivatives against <i>Trypanosoma cruzi</i> . <i>Parasitology Research</i> , 2007, 100, 791-795.	1.6	67
4	Study of the Complexation of Fisetin with Cyclodextrins. <i>Journal of Physical Chemistry A</i> , 2006, 110, 10545-10551.	2.5	58
5	Niobium(V) oxide: a new and efficient catalyst for the transesterification of β^2 -keto esters. <i>Tetrahedron Letters</i> , 2005, 46, 2705-2708.	1.4	49
6	Structural basis of GC-1 selectivity for thyroid hormone receptor isoforms. <i>BMC Structural Biology</i> , 2008, 8, 8.	2.3	42
7	Analgesic and anti-inflammatory activities evaluation of (-)-O-acetyl, (-)-O-methyl, (-)-O-dimethylethylamine cubebin and their preparation from (-)-cubebin. <i>Il Farmaco</i> , 2004, 59, 55-61.	0.9	36
8	Green synthesis from biomass. <i>Chemical and Biological Technologies in Agriculture</i> , 2014, 1, .	4.6	28
9	Ethanol Electroâ€œoxidation in Rutheniumâ€œOxideâ€œCoated Titanium Electrodes. <i>Journal of the Electrochemical Society</i> , 1998, 145, 3839-3843.	2.9	27
10	A Short and Efficient Synthesis of Crocetin-dimethylester and Crocetinindial. <i>Journal of Organic Chemistry</i> , 2003, 68, 9126-9128.	3.2	26
11	An efficient synthesis of (+-)-abscisic acid. <i>Journal of Organic Chemistry</i> , 1986, 51, 253-254.	3.2	25
12	Electronic structure of hydroxylated derivatives of the flavylum cation. <i>Computational and Theoretical Chemistry</i> , 1996, 363, 87-96.	1.5	22
13	Gasâ€œphase fragmentation of β^3 -lactone derivatives by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1733-1741.	1.6	21
14	Effects of substitution for hydroxyl in the B-ring of the flavylum cation. <i>Computational and Theoretical Chemistry</i> , 1997, 392, 169-179.	1.5	21
15	Electronic structure of chromone and its hydroxylated derivatives on positions 2 and 3. <i>Computational and Theoretical Chemistry</i> , 1998, 423, 235-243.	1.5	18
16	The Synthesized Plant Metabolite 3,4,5-Tri-<i>O</i>-Galloylquinic Acid Methyl Ester Inhibits Calcium Oxalate Crystal Growth in a <i>Drosophila</i> Model, Downregulates Renal Cell Surface Annexin A1 Expression, and Decreases Crystal Adhesion to Cells. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1609-1621.	6.4	18
17	Effects of substitution for hydroxyl in the B-ring of the flavylum cation. <i>Computational and Theoretical Chemistry</i> , 1997, 392, 169-179.	1.5	17
18	Detailed ¹ H and ¹³ C NMR structural assignment of three biologically active lignan lactones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 234-239.	3.9	17

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19	Trypanocidal structure-activity relationship for cis- and trans-methylpluviatolide. <i>Phytochemistry</i> , 2008, 69, 1890-1894.	2.9	17
20	Palladium decoration of hybrid carbon nanotubes/charcoal composite and its catalytic behavior in the hydrogenation of trans-cinnamaldehyde. <i>Journal of Molecular Catalysis A</i> , 2015, 410, 34-40.	4.8	17
21	Complete assignment of ¹ H and ¹³ C NMR data for three aryltetralin lignan lactones. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 985-989.	1.9	15
22	Complete assignments of ¹ H and ¹³ C NMR spectral data for benzylidenebenzyl butyrolactone lignans. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 966-969.	1.9	15
23	Pd catalysts supported on different hydrophilic or hydrophobic carbonaceous substrate for furfural and 5-(hydroxymethyl)-furfural hydrogenation in water. <i>Molecular Catalysis</i> , 2021, 504, 111496.	2.0	15
24	Asymmetric synthesis of β -butyrolactones by enantioselective hydrogenation of butenolides. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3253-3256.	1.8	13
25	Catalytic behavior of ruthenium anchored on micronanostructured composite in selective benzyl alcohol oxidation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 110, 471-483.	1.7	12
26	Time-resolved fluorescence spectroscopy of quinine dication free and bound to polymethacrylic acid. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999, 123, 129-136.	3.9	11
27	SYNTHESIS OF BENZOFURANOFURAN DERIVATIVES: MODEL OF NATURAL PRODUCTS. <i>Synthetic Communications</i> , 2001, 31, 151-154.	2.1	11
28	Complete assignments of ¹ H and ¹³ C NMR spectral data for aryl-naphthalene lignan lactones. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 902-904.	1.9	11
29	Fragmentation of α -roylbenzofuran derivatives by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2017, 52, 809-816.	1.6	11
30	Hydration of diacetylene compounds. Synthesis of a marine natural product: (.+.)-1-(2,6,6-trimethyl-4-hydroxycyclohexenyl)-1,3-butanedione. <i>Journal of Organic Chemistry</i> , 1986, 51, 387-390.	3.2	9
31	Enantioselective hydrogenation of 4-(hydroxymethyl)furan-2(5H)-one derivatives. <i>Journal of Molecular Catalysis A</i> , 2006, 259, 103-107.	4.8	9
32	Recent advances in the syntheses of anthracene derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 2028-2050.	2.2	9
33	Ring Contraction Through Epoxide Rearrangement: A Formal Synthesis of Capsorubin. <i>Synthetic Communications</i> , 2000, 30, 3327-3340.	2.1	8
34	Analysis of a cycloheptenone derivative: An experimental and theoretical approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 709-713.	3.9	7
35	Synthesis of Some Functionalized Peptomers via Ugi Four-Component Reaction. <i>Synthetic Communications</i> , 2015, 45, 1761-1767.	2.1	7
36	Upgrading of Sugar Cane Bagasse by Thermal Processes 9. Catalytic Liquefaction in Ethanol. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1999, 21, 299-308.	0.5	6

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37	Conformational Study of (8 \pm ,8 $\hat{=}$ $\hat{=}$)-Bis(substituted phenyl)-lignano-9,9 $\hat{=}$ -lactones by Means of Combined Computational, Database Mining, NMR, and Chemometric Approaches. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6316-6333.	2.5	6
38	Solvatochromism of 2-(N,N-dimethylamino)-7-nitrofluorene and the natural dye $\hat{=}$ -carotene: application for the determination of solvent dipolarity and polarizability. <i>Journal of Physical Organic Chemistry</i> , 2013, 26, 280-285.	1.9	6
39	Niobium Pentachloride Mediated (Hetero)aromatic Aldehyde Friedel $\hat{=}$ Crafts Hydroxyalkylation with Arenes: An Efficient Strategy to Synthesize Triarylmethanes. <i>Synthesis</i> , 2019, 51, 4498-4506.	2.3	6
40	Conformational Preferences of 2,3,3a,8a-Tetrahydrofuro[2,3-b]benzofuran. The Chemical Modifications Drive the Pseudorotational Preferences. <i>Journal of Organic Chemistry</i> , 1999, 64, 5712-5714.	3.2	5
41	Synthesis of ($\hat{=}$)-1-(2,6,6-trimethyl-4-hydroxycyclohexenyl)-1,3-butanedione (1), a marine natural product. <i>Tetrahedron Letters</i> , 1982, 23, 1051-1054.	1.4	4
42	Synthesis of Substituted $\hat{=}$ -Butyrolactones: $\hat{=}$ -Hydroxymethyl-, $\hat{=}$ -Methylene and Cyclopropane Derivatives. <i>Synthetic Communications</i> , 1999, 29, 2923-2936.	2.1	4
43	Microwave-Assisted Green Production of Furfural from D-xylose of Sugarcane Bagasse. <i>BioResources</i> , 2015, 10, .	1.0	4
44	Real-time monitoring of a cobalt-mediated one-pot transition metal-catalyzed multicomponent reaction. <i>Inorganica Chimica Acta</i> , 2020, 508, 119654.	2.4	4
45	Complete assignments of $\langle \sup \rangle 1 \langle /sup \rangle$ H and $\langle \sup \rangle 13 \langle /sup \rangle$ C NMR spectral data for 7,7 $\hat{=}$ $\hat{=}$ dihydroarylnaphthalene lignan lactones. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 523-526.	1.9	3
46	Stereochemical assignment of four diastereoisomers of a maculalactone derivative by computational NMR calculations. <i>Journal of Molecular Structure</i> , 2019, 1178, 467-478.	3.6	3
47	Effect of the Environment on the Reactivity of 4 $\hat{=}$ -Substituted Flavones and Isoflavones. <i>Tetrahedron</i> , 2000, 56, 5105-5111.	1.9	2
48	Total synthesis of (3S, 5R, 3'S, 5'R)-capsorubin. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 888-894.	0.6	2
49	A Rapid Protocol to Synthesize $\hat{=}$ -Butyrolactone Derivatives via the Microwave Technique. <i>Current Microwave Chemistry</i> , 2015, 2, 83-87.	0.8	2
50	New Approach to the Synthesis of the Natural Product Aripuanin. <i>Synthetic Communications</i> , 2015, 45, 1374-1378.	2.1	2
51	In vitro shistosomicidal activity of (-)-6,6-dinitrohinokinin: a semi-synthetic lignan derivative obtained from (-)-hinokinin. <i>Planta Medica</i> , 2009, 75, .	1.3	2
52	Racemic synthesis of 1,2-secomicrominutin. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 626-633.	0.6	2
53	Fast and Efficient Synthesis of Maculalactone Derivatives via the Microwave Technique. <i>Current Microwave Chemistry</i> , 2017, 4, .	0.8	2
54	Upgrading of Sugar Cane Bagasse by Thermal Processes 10. Catalytic Liquefaction in Aqueous Medium. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 1999, 21, 309-318.	0.5	1

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55	Synthesis and stereochemical assignment of methyl 3-(3-hydroxyphenoxy) acrylate via cis-trans photoisomerization. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 194-198.	0.6	1
56	Synthesis and Antileishmanial Activity of Some Functionalized Peptoids. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	1
57	ESR dosimetry with lithium, potassium, and sodium compounds. <i>Applied Radiation and Isotopes</i> , 2022, 181, 110105.	1.5	1
58	Computational studies in aqueous and chloroform solutions of complex organic solutes: distinctive effects of the solvent on solutes with small chemical differences. <i>Chemical Physics</i> , 1999, 241, 167-177.	1.9	0
59	Asymmetric Synthesis of $\hat{\text{I}}^3$ -Butyrolactones by Enantioselective Hydrogenation of Butenolides.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
60	Niobium(V) Oxide: A New and Efficient Catalyst for the Transesterification of $\hat{\text{I}}^2$ -Keto Esters.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
61	Conformational influence on intramolecular cyclization for a $\hat{\text{I}}^2$ -ketoester containing oxirane ring: A theoretical and experimental study. <i>Journal of Molecular Structure</i> , 2006, 794, 221-224.	3.6	0
62	Microwave-Assisted Synthesis and Antileishmanial Activity of 3-methoxycarbonyl- $\hat{\text{I}}^3$ -butyrolactone Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
63	Detailed ^1H and ^{13}C NMR Spectral Data Assignment for Two Dihydrobenzofuran Neolignans. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	0
64	Convenient Synthesis of Ketal Derivatives from Cubebin Using Amberlite as Heterogeneous Catalyst. <i>Chemistry of Natural Compounds</i> , 2015, 51, 34-39.	0.8	0
65	Syntheses of non-aromatic medium and large rings synthesized via phenylnitrenium ions. <i>Arabian Journal of Chemistry</i> , 2018, 11, 415-425.	4.9	0
66	A new approach to the synthesis of natural product Aripuanin. , 0, , .		0
67	Synthesis of Analogues of Thyroid Hormones: Nuclear Receptor Modulators. <i>Orbital</i> , 2015, 7, .	0.3	0