

# Luiz C A Barbosa

## List of Publications by Year in descending order

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208  
papers

4,541  
citations

117571

34  
h-index

182361

51  
g-index

220  
all docs

220  
docs citations

220  
times ranked

5901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic compounds and antioxidant capacity of Brazilian mango ( <i>Mangifera indica</i> L.) varieties. <i>Food Chemistry</i> , 2008, 110, 620-626.	4.2	262
2	Recent mechanistic developments and next generation catalysts for the Sonogashira coupling reaction. <i>RSC Advances</i> , 2014, 4, 53442-53466.	1.7	119
3	Chemical Variability and Biological Activities of <i>Eucalyptus</i> spp. <i>Essential Oils</i> . <i>Molecules</i> , 2016, 21, 1671.	1.7	111
4	Seasonal variation in the composition of volatile oils from <i>Schinus terebinthifolius</i> raddi. <i>Quimica Nova</i> , 2007, 30, 1959-1965.	0.3	106
5	Evaluation of the Chemical Composition of Brazilian Commercial <i>Cymbopogon citratus</i> (D.C.) Stapf Samples. <i>Molecules</i> , 2008, 13, 1864-1874.	1.7	89
6	Determination of <i>Eucalyptus</i> spp lignin S/G ratio: A comparison between methods. <i>Bioresource Technology</i> , 2010, 101, 4056-4061.	4.8	85
7	Plant compounds insecticide activity against Coleoptera pests of stored products. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 909-915.	0.9	71
8	Compounds from <i>Ageratum conyzoides</i> : isolation, structural elucidation and insecticidal activity. <i>Pest Management Science</i> , 2007, 63, 615-621.	1.7	67
9	Seasonal Variation in the Chemical Composition and Antimicrobial Activity of Volatile Oils of Three Species of <i>Leptospermum</i> (Myrtaceae) Grown in Brazil. <i>Molecules</i> , 2011, 16, 1181-1191.	1.7	66
10	Chemical composition and antibacterial activity of essential oils from verbenaceae species: alternative sources of (E)-caryophyllene and germacrene-D. <i>Quimica Nova</i> , 2011, 34, 1550-1555.	0.3	64
11	Total Synthesis of the Antitumor Antibiotic (±)-Streptonigrin: First- and Second-Generation Routes for de Novo Pyridine Formation Using Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2013, 78, 12338-12350.	1.7	56
12	Chemical composition and antibacterial activities from the essential oils of myrtaceae species planted in Brazil. <i>Quimica Nova</i> , 2010, 33, 104-108.	0.3	55
13	Total Synthesis of (±)-Streptonigrin: De Novo Construction of a Pentasubstituted Pyridine using Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2011, 133, 16418-16421.	6.6	53
14	Hederagenin as a triterpene template for the development of new antitumor compounds. <i>European Journal of Medicinal Chemistry</i> , 2015, 105, 57-62.	2.6	53
15	Comparative study of the essential oils of seven <i>Melaleuca</i> (Myrtaceae) species grown in Brazil. <i>Flavour and Fragrance Journal</i> , 2007, 22, 474-478.	1.2	51
16	Composition, and Anti-inflammatory and Antioxidant Activities of the Volatile Oil from the Fruit Peel of <i>Garcinia brasiliensis</i> . <i>Chemistry and Biodiversity</i> , 2008, 5, 251-258.	1.0	51
17	Biosynthesis and potential functions of the ecdysteroid 20-hydroxyecdysone – a review. <i>Botany</i> , 2008, 86, 978-987.	0.5	50
18	The Fungal Phytotoxin Alternariol 9-Methyl Ether and Some of Its Synthetic Analogues Inhibit the Photosynthetic Electron Transport Chain. <i>Journal of Natural Products</i> , 2013, 76, 2234-2245.	1.5	50

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19	Inhibition of <i>Enterococcus faecalis</i> biofilm formation by highly active lactones and lactams analogues of rubrolides. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 127-138.	2.6	50
20	$\beta$ -Alkylidene- $\beta$ -lactones and isobutylpyrrol-2(5H)-ones analogues to rubrolides as inhibitors of biofilm formation by Gram-positive and Gram-negative bacteria. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1052-1056.	1.0	49
21	The diverse pharmacology and medicinal chemistry of phosphoramidates – a review. <i>RSC Advances</i> , 2014, 4, 18998-19012.	1.7	48
22	Synthesis and anticancer activity of new class of bisphosphonates/phosphanamidates. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 885-892.	2.6	47
23	Synthesis and cytotoxic activity of $\beta$ -santonin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3739-3745.	2.6	47
24	The search for new natural herbicides – Strategic approaches for discovering fungal phytotoxins. <i>Crop Protection</i> , 2013, 48, 41-50.	1.0	47
25	Exposure to Anacardiaceae Volatile Oils and Their Constituents Induces Lipid Peroxidation within Food-Borne Bacteria Cells. <i>Molecules</i> , 2012, 17, 9728-9740.	1.7	46
26	Antibacterial Activity of the Alkaloid-Enriched Extract from <i>Prosopis juliflora</i> Pods and Its Influence on in Vitro Ruminant Digestion. <i>International Journal of Molecular Sciences</i> , 2013, 14, 8496-8516.	1.8	45
27	Variação química do óleo essencial de <i>Hyptis suaveolens</i> (L.) Poit., sob condições de cultivo. <i>Química Nova</i> , 2006, 29, 1203-1209.	0.3	44
28	Novel hederagenin-triazolyl derivatives as potential anti-cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 257-267.	2.6	44
29	<i>Corymbia</i> spp. and <i>Eucalyptus</i> spp. essential oils have insecticidal activity against <i>Plutella xylostella</i> . <i>Industrial Crops and Products</i> , 2017, 109, 374-383.	2.5	42
30	Synthesis of Photosynthesis-Inhibiting Nostoclide Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2321-2329.	2.4	41
31	Chemical Characterization of Volatile Compounds of <i>Lantana camara</i> L. and <i>L. radula</i> Sw. and Their Antifungal Activity. <i>Molecules</i> , 2012, 17, 11447-11455.	1.7	41
32	Synthesis and Cytotoxic Activity of Some 3-Benzyl-5-Arylidene-furan-2(5H)-ones. <i>Molecules</i> , 2007, 12, 1101-1116.	1.7	40
33	Organocatalysis in the three-component Povarov reaction and investigation by mass spectrometry. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5069.	1.5	39
34	Structure and Plant Growth Regulatory Activity of New Diterpenes from <i>Pterodon polygalaeiflorus</i> . <i>Journal of Natural Products</i> , 1996, 59, 770-772.	1.5	37
35	Anatomical characterisation of the foliar colleters in Myrtoideae (Myrtaceae). <i>Australian Journal of Botany</i> , 2012, 60, 707.	0.3	37
36	Efficient synthesis of 2,4-disubstituted quinolines: calix[n]arene-catalyzed Povarov-hydrogen-transfer reaction cascade. <i>RSC Advances</i> , 2014, 4, 18612-18615.	1.7	37

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37	Influência da temperatura do ar de secagem sobre o teor e a composição química do óleo essencial de <i>Lippia alba</i> (Mill) N. E. Brown. <i>Quimica Nova</i> , 2006, 29, 1221-1225.	0.3	35
38	Basil conservation affected by cropping season, harvest time and storage period. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 323-328.	0.9	34
39	Teor e composição do óleo essencial de cinco acessos de mentrasto. <i>Quimica Nova</i> , 2004, 27, 55-57.	0.3	33
40	Phytogrowth- and photosynthesis-inhibiting properties of nostoclide analogues. <i>Pest Management Science</i> , 2006, 62, 214-222.	1.7	33
41	Larvicidal activities and chemical composition of essential oils from <i>Piper klotzschianum</i> (Kunth) C. DC. (Piperaceae). <i>Pest Management Science</i> , 2013, 69, 1267-1271.	1.7	32
42	Preparation and phytotoxicity of sorgoleone analogues. <i>Quimica Nova</i> , 2001, 24, 751-755.	0.3	31
43	Effect of storage time on the composition and content of wood extractives in <i>Eucalyptus</i> cultivated in Brazil. <i>Bioresource Technology</i> , 2008, 99, 4878-4886.	4.8	31
44	Determinação da relação siringila/guaiacila da lignina em madeiras de eucalipto por pirólise acoplada à cromatografia gasosa e espectrometria de massas (PI CG/EM). <i>Quimica Nova</i> , 2008, 31, 2035-2041.	0.3	31
45	Determination of maleic hydrazide residues in garlic bulbs by HPLC. <i>Talanta</i> , 2012, 89, 369-376.	2.9	31
46	Synthesis of Rubrolide Analogues as New Inhibitors of the Photosynthetic Electron Transport Chain. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10555-10563.	2.4	31
47	Novel lactones from <i>Aspergillus versicolor</i> . <i>Tetrahedron Letters</i> , 2001, 42, 809-811.	0.7	30
48	Synthesis of novel $\pm$ -santonin derivatives as potential cytotoxic agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 6045-6051.	2.6	30
49	Essential oils from pequi fruits from the Brazilian Cerrado ecosystem. <i>Food Research International</i> , 2013, 54, 1-8.	2.9	29
50	Highly potent anti-leishmanial derivatives of hederagenin, a triperpenoid from <i>Sapindus saponaria</i> L.. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 153-159.	2.6	29
51	Synthesis and Phytotoxic Activity of New Pyridones Derived from 4-Hydroxy-6-Methylpyridin-2(1H)-one. <i>Molecules</i> , 2009, 14, 4973-4986.	1.7	28
52	Stink bug predator kills prey with salivary non-proteinaceous compounds. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 68, 71-78.	1.2	28
53	Selection of an essential oil from <i>Corymbia</i> and <i>Eucalyptus</i> plants against <i>Ascia monuste</i> and its selectivity to two non-target organisms. <i>Crop Protection</i> , 2018, 110, 207-213.	1.0	28
54	Phytogrowth-Inhibitory Lactones Derivatives of Glaucolide B. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 803-810.	0.6	27

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55	Synthesis of 3-(4-Bromobenzyl)-5-(aryl methylene)-5H-furan-2-ones and Their Activity as Inhibitors of the Photosynthetic Electron Transport Chain. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8562-8569.	2.4	27
56	Synthesis and Biological Evaluation of 2,5-Bis(alkylamino)-1,4-benzoquinones. <i>Molecules</i> , 2010, 15, 5629-5643.	1.7	27
57	Chemical composition and antimicrobial activity of essential oils of <i>Ocimum canum</i> Sims. and <i>Ocimum selloi</i> Benth.. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 787-800.	0.3	27
58	Phytotoxic effects of metabolites from <i>Alternaria euphorbiicola</i> against its host plant <i>Euphorbia heterophylla</i> . <i>Quimica Nova</i> , 2013, 36, 1004-1007.	0.3	26
59	Chemical, microscopic, and microbiological analysis of a functionalized poly-ether-ether-ketone-embedding antibiofilm compounds. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 3015-3020.	2.1	26
60	Characterization of lipophilic wood extractives from clones of <i>Eucalyptus urograndis</i> cultivate in Brazil. <i>BioResources</i> , 2007, 2, 157-168.	0.5	26
61	Synthesis and Phytotoxicity Evaluation of Substituted para-Benzoquinones. <i>Australian Journal of Chemistry</i> , 2003, 56, 625.	0.5	25
62	An optimized and validated <sup>1</sup> H NMR method for the quantification of $\alpha$ -pinene in essentials oils. <i>Talanta</i> , 2016, 150, 97-103.	2.9	25
63	Caracterização química do "pitch" em indústria de celulose e papel de <i>Eucalyptus</i> . <i>Quimica Nova</i> , 2006, 29, 459-466.	0.3	24
64	A validated <sup>1</sup> H NMR method for quantitative analysis of $\alpha$ -bisabolol in essential oils of <i>Eremanthus erythropappus</i> . <i>Talanta</i> , 2016, 161, 71-79.	2.9	24
65	Leishmanicidal and cytotoxic activity of hederagenin-bistriazolyl derivatives. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 624-635.	2.6	24
66	Lupane Pentacyclic Triterpenes Isolated from Stems and Branches of <i>Maytenus imbricata</i> (Celastraceae). <i>Helvetica Chimica Acta</i> , 2005, 88, 1102-1109.	1.0	23
67	Effects of the interactions among macronutrients, plant age and photoperiod in the composition of <i>Hyptis suaveolens</i> (L.) Poit essential oil from Alfenas (MG), Brazil. <i>Flavour and Fragrance Journal</i> , 2007, 22, 123-129.	1.2	23
68	Extracts from the leaves of <i>Piper piscatorum</i> (Trel. Yunc.) obtained by supercritical extraction of with CO <sub>2</sub> , employing ethanol and methanol as co-solvents. <i>Industrial Crops and Products</i> , 2013, 43, 490-495.	2.5	23
69	Analytical pyrolysis of the kernel and oil of babassu palm ( <i>Orbignya phalerata</i> ). <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 107, 73-81.	2.6	23
70	A pirólise como técnica analítica. <i>Quimica Nova</i> , 2008, 31, 1543-1552.	0.3	22
71	New rubrolide analogues as inhibitors of photosynthesis light reactions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 145, 11-18.	1.7	22
72	Synthesis, characterization and study of the thermal behavior of methyl and ethyl biodiesels produced from tucumã ( <i>Astrocaryum huaimi</i> Mart.) seed oil. <i>Fuel</i> , 2015, 161, 233-238.	3.4	22

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73	Essential oil in the taxonomy of <i>Ocimum selloi</i> benth. Journal of the Brazilian Chemical Society, 1997, 8, 29.	0.6	21
74	Synthesis and insecticidal activity of new 3- <i>o</i> -benzylfuran-2-yl- <i>N,N,N,N</i> -tetraethylamidophosphate derivatives. Pest Management Science, 2008, 64, 863-872.	1.7	21
75	A facile one-pot synthesis of 2-(2-pyridyl)quinolines via Povarov reaction. Tetrahedron Letters, 2015, 56, 662-665.	0.7	21
76	Total Synthesis of the Antitumor Antibiotic Basidalin. Journal of Organic Chemistry, 2016, 81, 6883-6886.	1.7	21
77	Chemical diversity of essential oils of Myrtaceae species and their insecticidal activity against <i>Rhyzopertha dominica</i> . Crop Protection, 2020, 137, 105309.	1.0	21
78	Phytotoxic constituents from <i>Nimbya alternantherae</i> . Biochemical Systematics and Ecology, 2006, 34, 790-795.	0.6	20
79	A Rapid Method for Quantification of Carboxyl Groups in Cellulose Pulp. BioResources, 2012, 8, .	0.5	20
80	Synthesis of the Marine Myxobacterial Antibiotic Enhygrolide A. Journal of Natural Products, 2017, 80, 2166-2169.	1.5	20
81	<sup>1</sup> H-NMR and GC for detection of adulteration in commercial essential oils of <i>Cymbopogon</i> ssp. Phytochemical Analysis, 2020, 31, 88-97.	1.2	20
82	Lignans from <i>Ochroma lagopus</i> Swartz. Tetrahedron, 1995, 51, 12453-12462.	1.0	19
83	Comparative study on the chemical composition of lipophilic fractions from three wood tissues of <i>Eucalyptus</i> species by gas chromatography-mass spectrometry analysis. Journal of Wood Science, 2007, 53, 533-540.	0.9	19
84	Synthesis and Phytotoxic Activity of Ozonides. Journal of Agricultural and Food Chemistry, 2008, 56, 9434-9440.	2.4	19
85	Synthesis and Biological Evaluation of New Ozonides with Improved Plant Growth Regulatory Activity. Journal of Agricultural and Food Chemistry, 2009, 57, 10107-10115.	2.4	19
86	Synthesis and insecticidal activity of new phosphoramidates. Journal of Pesticide Sciences, 2012, 37, 85-88.	0.8	19
87	<i>Eucalyptus resinifera</i> essential oils have fumigant and repellent action against <i>Hypothenemus hampei</i> . Crop Protection, 2019, 116, 49-55.	1.0	19
88	Bioactivity of essential oils from <i>Artemisia</i> against <i>Diaphania hyalinata</i> and its selectivity to beneficial insects. Scientia Agricola, 2018, 75, 519-525.	0.6	18
89	Hederagenin amide derivatives as potential antiproliferative agents. European Journal of Medicinal Chemistry, 2019, 168, 436-446.	2.6	18
90	New 8-Oxabicyclo[3.2.1]oct-6-en-3-one Derivatives with Plant Growth Regulatory Activity. Journal of Agricultural and Food Chemistry, 1998, 46, 1173-1176.	2.4	17

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91	Synthesis of New Phytogrowth-Inhibitory Substituted Aryl-p-Benzoquinones. <i>Chemistry and Biodiversity</i> , 2006, 3, 553-567.	1.0	17
92	Preparation of Achiral and Chiral (<i>E</i>)-Enaminopyran-2,4-diones and Their Phytotoxic Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1399-1405.	2.4	17
93	Synthesis and Herbicidal Activity of 2,4-Dimethyl-8-oxabicyclo[3.2.1]oct-6-en-3-one Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 4807-4814.	2.4	16
94	Chemical Constituents from <i>Bombacopsis glabra</i> (Pasq.) A. Robyns: Complete <sup>1</sup> H and <sup>13</sup> C NMR Assignments and X Ray Structure of 5-Hydroxy-3,6,7,8,4'-pentamethoxyflavone. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 276-280.	0.6	16
95	Metodologia de extração e determinação do teor de extrativos em madeiras de eucalipto. <i>Revista Arvore</i> , 2006, 30, 1009-1016.	0.5	16
96	New Helminthosporal Analogues with Plant-Growth Regulatory Properties Synthesized via Oxyallyl Cation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006, 61, 1287-1294.	0.3	16
97	Voltammetric and Theoretical Study of the Redox Properties of Rubrolide Analogues. <i>Electrochimica Acta</i> , 2014, 120, 334-343.	2.6	16
98	Synthesis and Plant Growth Regulatory Activity of 6,7-Dihydroxyvouacapan-17-oic Acid Derivatives.. <i>Australian Journal of Chemistry</i> , 1998, 51, 61.	0.5	16
99	Sorção e persistência da sorgoleona em um Latossolo Vermelho-Amarelo. <i>Quimica Nova</i> , 2005, 28, 451-455.	0.3	16
100	New routes to substituted tropones. <i>Tetrahedron</i> , 1989, 45, 4619-4626.	1.0	15
101	Síntese e avaliação da atividade fitotóxica de novos análogos oxigenados do ácido helmintosporico. <i>Quimica Nova</i> , 2003, 26, 655-660.	0.3	15
102	Synthesis and structural characterization of two nostoclid analogues. <i>Journal of Molecular Structure</i> , 2007, 837, 197-205.	1.8	15
103	Síntese e avaliação da atividade fitotóxica de derivados da $\beta$ -Santonina. <i>Quimica Nova</i> , 2009, 32, 401-406.	0.3	15
104	Chemical composition and histochemistry of <i>Sphagneticola trilobata</i> essential oil. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 482-489.	0.6	15
105	Induction of G2/M arrest, caspase activation and apoptosis by $\beta$ -santonin derivatives in HL-60 cells. <i>Toxicology in Vitro</i> , 2013, 27, 1458-1466.	1.1	15
106	Late-Stage Bromination Enables the Synthesis of Rubrolides B, I, K, and O. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3780-3787.	1.2	15
107	A novel alkaloid isolated from <i>Crotalaria paulina</i> and identified by NMR and DFT calculations. <i>Journal of Molecular Structure</i> , 2018, 1152, 337-343.	1.8	15
108	Essential oil composition from some plant parts of <i>Conyza bonariensis</i> (L.) Cronquist. <i>Flavour and Fragrance Journal</i> , 2005, 20, 39-41.	1.2	14

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109	Conformational analysis of 8-oxabicyclo[3.2.1]oct-6-en-3-one derivatives by NMR and theoretical calculations. <i>Journal of Molecular Structure</i> , 2006, 791, 180-185.	1.8	14
110	Synthesis and Phytogrowth Properties of Oxabicyclic Analogues Related to Helminthosporin. <i>Molecules</i> , 2009, 14, 160-173.	1.7	14
111	QSAR modeling of photosynthesis-inhibiting nostoclide derivatives. <i>Pest Management Science</i> , 2010, 66, 196-202.	1.7	14
112	Electro-Deposition of Carbon Structures at Mid Voltage and Room Temperature Using Ethanol/Aqueous Solutions. <i>Journal of the Electrochemical Society</i> , 2012, 159, D159-D161.	1.3	14
113	Cyclopent-4-ene-1,3-diones: A New Class of Herbicides Acting as Potent Photosynthesis Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5772-5780.	2.4	14
114	The Use of Diethylzinc for the Generation of Oxyallyl Carbocations from Polybromo Ketones and their Reactions With Substituted Furans. <i>Synthesis</i> , 1996, 1996, 31-33.	1.2	13
115	Isolamento e avaliação da atividade nematicida de constituintes químicos de <i>Mucuna cinerea</i> contra <i>Meloidogyne incognita</i> e <i>Heterodera glycines</i> . <i>Quimica Nova</i> , 2003, 26, 335-339.	0.3	13
116	Crystal Structure of Garciniaphenone and Evidences on the Relationship between Keto-Enol Tautomerism and Configuration. <i>Helvetica Chimica Acta</i> , 2008, 91, 1313-1325.	1.0	13
117	Synthesis, molecular properties and DFT studies of new phosphoramidates as potential urease inhibitors. <i>Medicinal Chemistry Research</i> , 2014, 23, 5174-5187.	1.1	13
118	Thermodynamically driven, syn-selective vinylogous aldol reaction of tetronamides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4897-4907.	1.5	13
119	Constituintes químicos de <i>Melaleuca alternifolia</i> (Myrtaceae). <i>Quimica Nova</i> , 2004, 27, 536.	0.3	12
120	Synthesis and TGA Evaluation of Novel Triphosphate Esters. <i>Journal of Fire Sciences</i> , 2007, 25, 193-215.	0.9	12
121	A quantum chemical and chemometric study of sesquiterpene lactones with cytotoxicity against tumor cells. <i>Journal of Chemometrics</i> , 2011, 25, 401-407.	0.7	12
122	Rubrolides as Model for the Development of New Lactones and Their Aza Analogs as Potential Photosynthesis Inhibitors. <i>Chemistry and Biodiversity</i> , 2015, 12, 987-1006.	1.0	12
123	Harvest time on the content and chemical composition of essential oil from leaves of guava. <i>Ciencia Rural</i> , 2016, 46, 1771-1776.	0.3	12
124	The Chemical Diversity of <i>Eucalyptus</i> spp. Essential Oils from Plants Grown in Brazil. <i>Chemistry and Biodiversity</i> , 2016, 13, 1656-1665.	1.0	12
125	First total synthesis and phytotoxic activity of <i>Streptomyces</i> sp. metabolites abenquines. <i>Tetrahedron Letters</i> , 2016, 57, 1811-1814.	0.7	12
126	A powder X-ray diffraction method for detection of polyprenylated benzophenones in plant extracts associated with HPLC for quantitative analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 451-457.	1.4	11



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127	Efeito alelopático de folhas de bamburral [ <i>Hyptis suaveolens</i> (L.) Poit.] sobre a germinação de sementes de sorgo ( <i>Sorghum vulgare</i> Pers.), rabanete ( <i>Raphanus sativus</i> L.) e alface ( <i>Lactuca sativa</i> L.). <i>Revista Brasileira De Plantas Mediciniais</i> , 2012, 14, 487-493.	0.3	11
128	Composição e fungitoxicidade do óleo essencial de capim citronela em função da adubação orgânica. <i>Pesquisa Agropecuária Brasileira</i> , 2012, 47, 1707-1713.	0.9	11
129	Essential Oil from Leaves and Flowers of <i>Porophyllum ruderale</i> (Jacq.) Cassini (Asteraceae). <i>Journal of Essential Oil Research</i> , 2006, 18, 345-347.	1.3	10
130	New insights on brightness stability of eucalyptus kraft pulp. <i>Nordic Pulp and Paper Research Journal</i> , 2008, 23, 102-107.	0.3	10
131	Síntese e avaliação da atividade antimicrobiana de furanonas halogenadas e de compostos análogos aos nostoclideos. <i>Quimica Nova</i> , 2010, 33, 2020-2026.	0.3	10
132	Tetraoxanes as a new class of efficient herbicides comparable with commercial products. <i>Pest Management Science</i> , 2015, 71, 1037-1048.	1.7	10
133	Experimental and theoretical studies on the characterization of monocrotaline by infrared and Raman spectroscopies. <i>Journal of Molecular Structure</i> , 2017, 1135, 228-233.	1.8	10
134	Natural abenquines and synthetic analogues: Preliminary exploration of their cytotoxic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1141-1144.	1.0	10
135	Effects of three $\beta$ -alkylidene $\beta$ -lactams on the formation of multispecies biofilms. <i>European Journal of Oral Sciences</i> , 2018, 126, 214-221.	0.7	10
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