

# Larissa Araújo Rolim

## List of Publications by Year in descending order

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107  
papers

1,423  
citations

394390

19  
h-index

454934

30  
g-index

111  
all docs

111  
docs citations

111  
times ranked

2270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Evaluation of Stability of a Gel Formulation Containing the Monoterpene Borneol. <i>Scientific World Journal</i> , The, 2016, 2016, 1-4.	2.1	113
2	Schistosomiasis: Drugs used and treatment strategies. <i>Acta Tropica</i> , 2017, 176, 179-187.	2.0	84
3	Inclusion complex of methyl- $\beta$ -cyclodextrin and olanzapine as potential drug delivery system for schizophrenia. <i>Carbohydrate Polymers</i> , 2012, 89, 1095-1100.	10.2	74
4	The Use of Solid Dispersion Systems in Hydrophilic Carriers to Increase Benznidazole Solubility. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 2443-2451.	3.3	53
5	Benznidazole drug delivery by binary and multicomponent inclusion complexes using cyclodextrins and polymers. <i>Carbohydrate Polymers</i> , 2012, 89, 323-330.	10.2	49
6	ZIF-8 as a promising drug delivery system for benznidazole: development, characterization, in vitro dialysis release and cytotoxicity. <i>Scientific Reports</i> , 2020, 10, 16815.	3.3	45
7	Antiulcer Activity and Potential Mechanism of Action of the Leaves of <i>Spondias mombin</i> L.. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-20.	4.0	38
8	Beta-lapachone: Natural occurrence, physicochemical properties, biological activities, toxicity and synthesis. <i>Phytochemistry</i> , 2021, 186, 112713.	2.9	31
9	Study of stability and drug-excipient compatibility of diethylcarbamazine citrate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 2179-2186.	3.6	30
10	Phytochemical analysis and evaluation of antioxidant and photoprotective activities of extracts from flowers of <i>Bromelia laciniosa</i> (Bromeliaceae). <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 600-605.	1.3	30
11	Multicomponent systems with cyclodextrins and hydrophilic polymers for the delivery of Efavirenz. <i>Carbohydrate Polymers</i> , 2015, 130, 133-140.	10.2	29
12	<i>Spondias purpurea</i> L. (Anacardiaceae): Antioxidant and Antiulcer Activities of the Leaf Hexane Extract. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	4.0	26
13	Study of benznidazole-cyclodextrin inclusion complexes, cytotoxicity and trypanocidal activity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 397-404.	1.6	25
14	Comparative evaluation of UV/VIS and HPLC analytical methodologies applied for quantification of flavonoids from leaves of <i>Bauhinia forficata</i> . <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 51-57.	1.4	25
15	Layered Double Hydroxides as Promising Excipients for Drug Delivery Purposes. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 165, 105922.	4.0	24
16	Layered double hydroxides of CaAl: A promising drug delivery system for increased dissolution rate and thermal stability of praziquantel. <i>Applied Clay Science</i> , 2019, 180, 105197.	5.2	22
17	Antioxidant and Antiulcerogenic Activity of the Dry Extract of Pods of <i>Libidibia ferrea</i> Mart. ex Tul. (Fabaceae). <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-23.	4.0	22
18	Anti-Trypanosoma, anti-Leishmania and cytotoxic activities of natural products from <i>Psidium brownianum</i> Mart. ex DC. and <i>Psidium guajava</i> var. <i>Pomifera</i> analysed by LC-MS. <i>Acta Tropica</i> , 2017, 176, 380-384.	2.0	20

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19	Spondias tuberosa inner bark extract exert antidiabetic effects in streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2018, 227, 248-257.	4.1	20
20	Inhibitory effects of <i>Morus nigra</i> L. (Moraceae) against local paw edema and mechanical hypernociception induced by <i>Bothrops jararacussu</i> snake venom in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 1046-1056.	5.6	20
21	Base-Controlled Regioselective Functionalization of Chloro-Substituted Quinolines. <i>Journal of Organic Chemistry</i> , 2018, 83, 871-880.	3.2	19
22	Ethanol extract of the aerial parts of <i>Passiflora cincinnata</i> Mast. (Passifloraceae) reduces nociceptive and inflammatory events in mice. <i>Phytomedicine</i> , 2018, 47, 58-68.	5.3	19
23	Preformulation study of ivermectin raw material. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 807-816.	3.6	18
24	In Vitro and Ex Vivo Chemopreventive Action of <i>Mauritia flexuosa</i> Products. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-12.	1.2	18
25	$\beta$ -Cyclodextrin complex improves the bioavailability and antitumor potential of cirsiolol, a flavone isolated from <i>Leonotis nepetifolia</i> (Lamiaceae). <i>Heliyon</i> , 2019, 5, e01692.	3.2	18
26	Cannabis roots: Pharmacological and toxicological studies in mice. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113868.	4.1	18
27	Inclusion of vitexin in $\beta$ -cyclodextrin: preparation, characterization and expectorant/antitussive activities. <i>Heliyon</i> , 2020, 6, e05461.	3.2	17
28	Evaluation of gastroprotective and ulcer healing activities of yellow mombin juice from <i>Spondias mombin</i> L.. <i>PLoS ONE</i> , 2018, 13, e0201561.	2.5	16
29	A Systematic Review of the Anti-inflammatory Effects of Gallium Compounds. <i>Current Medicinal Chemistry</i> , 2021, 28, 2062-2076.	2.4	16
30	Brazilian <i>Morus nigra</i> Attenuated Hyperglycemia, Dyslipidemia, and Prooxidant Status in Alloxan-Induced Diabetic Rats. <i>Scientific World Journal</i> , The, 2017, 2017, 1-10.	2.1	15
31	Phytochemical and pharmacological aspects of <i>Cnidioscolus Pohl</i> species: A systematic review. <i>Phytomedicine</i> , 2018, 50, 137-147.	5.3	15
32	Preparation and cytotoxicity of lipid nanocarriers containing a hydrophobic flavanone. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 124982.	4.7	14
33	Benznidazole Extended-Release Tablets for Improved Treatment of Chagas Disease: Preclinical Pharmacokinetic Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2492-2498.	3.2	13
34	LC-MS characterization, anti-kinetoplastid and cytotoxic activities of natural products from <i>Eugenia jambolana</i> Lam. and <i>Eugenia uniflora</i> . <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 836-841.	1.2	13
35	Technological innovation strategies for the specific treatment of Chagas disease based on Benznidazole. <i>Acta Tropica</i> , 2018, 185, 127-132.	2.0	13
36	Thermal behavior and compatibility analysis of the new chemical entity LPSF/FZ4. <i>Thermochimica Acta</i> , 2013, 562, 29-34.	2.7	12

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37	PREPARATION AND CHARACTERIZATION OF NANOEMULSION CONTAINING A NATURAL NAPHTHOQUINONE. <i>Quimica Nova</i> , 2018, , .	0.3	12
38	Solid dispersions to enhance the delivery of a potential drug candidate LPSF/FZ4 for the treatment of schistosomiasis. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 270-285.	4.0	11
39	Antibacterial activity of terpenoids isolated from <i>Cnidocolus quercifolius</i> Pohl (Euphorbiaceae), a Brazilian medicinal plant from Caatinga biome. <i>European Journal of Integrative Medicine</i> , 2018, 24, 30-34.	1.7	11
40	Chemical study of <i>Mimosa tenuiflora</i> barks. <i>Natural Product Research</i> , 2022, 36, 1893-1897.	1.8	11
41	Influence of the extractive method on the recovery of phenolic compounds in different parts of <i>Hymenaea martiana</i> hayne. <i>Pharmacognosy Research (discontinued)</i> , 2016, 8, 270.	0.6	11
42	Desenvolvimento de método analítico para quantificação do efavirenz por espectrofotometria no UV-Vis. <i>Quimica Nova</i> , 2010, 33, 1967-1972.	0.3	10
43	CaAl-layered double hydroxide as a drug delivery system: effects on solubility and toxicity of the antiretroviral efavirenz. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 281-288.	1.6	10
44	Chemical Analysis and Evaluation of Antioxidant, Antimicrobial, and Photoprotective Activities of <i>Schinopsis brasiliensis</i> Engl. (Anacardiaceae). <i>Scientific World Journal, The</i> , 2017, 2017, 1-10.	2.1	10
45	Contribution of Secondary Metabolites to the Gastroprotective Effect of Aqueous Extract of <i>Ximenia americana</i> L. (Olacaceae) Stem Bark in Rats. <i>Molecules</i> , 2018, 23, 112.	3.8	10
46	LC-MS analysis and cytoprotective effect against the mercurium and aluminium toxicity by bioactive products of <i>Psidium brownianum</i> Mart. ex DC. <i>Journal of Hazardous Materials</i> , 2019, 370, 54-62.	12.4	10
47	Determination of phenolic compounds, in vitro antioxidant activity and characterization of secondary metabolites in different parts of <i>Passiflora cincinnata</i> by HPLC-DAD-MS/MS analysis. <i>Natural Product Research</i> , 2020, 34, 995-1001.	1.8	10
48	Metal organic frameworks (MOFs) with therapeutic and biomedical applications: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 937-949.	5.0	10
49	Investigation of antinociceptive, antipyretic, antiasthmatic, and spasmolytic activities of Brazilian <i>Cannabis sativa</i> L. roots in rodents. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114259.	4.1	10
50	Purificação e caracterização da beta-lapachona e estudo de estabilidade dos cristais em diferentes condições de armazenamento. <i>Quimica Nova</i> , 2008, 31, 413-416.	0.3	9
51	Improvement of Solubility and Antifungal Activity of a New Amino thiophene Derivative by Complexation with 2-Hydroxypropyl- $\beta$ -cyclodextrin. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	9
52	CycloMolder software: building theoretical cyclodextrin derivatives models and evaluating their host:guest interactions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 93, 301-308.	1.6	9
53	Preparation and characterization of [6]-gingerol/ $\beta$ -cyclodextrin inclusion complexes. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102103.	3.0	9
54	Cytotoxic Activity of Chemical Constituents and Essential Oil from the Leaves of <i>Leonotis nepetifolia</i> (Lamiaceae). <i>Revista Virtual De Quimica</i> , 2019, 11, 517-528.	0.4	9

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55	Hepatoprotective Effect of the Aqueous Extract of <i>Simarouba amara</i> Aublet (Simaroubaceae) Stem Bark against Carbon Tetrachloride (CCl <sub>4</sub> )-Induced Hepatic Damage in Rats. <i>Molecules</i> , 2014, 19, 17735-17746.	3.8	8
56	Identification of flavonoids in <i>Hymenaea martiana</i> Hayne (Fabaceae) by HPLC-DAD-MS analysis. <i>Natural Product Research</i> , 2021, 35, 2414-2419.	1.8	8
57	HPLC-DAD analysis, antinociceptive and anti-inflammatory properties of the ethanolic extract of <i>Hyptis umbrosa</i> in mice. <i>EXCLI Journal</i> , 2017, 16, 14-24.	0.7	8
58	Physical-chemical characterization of new anti-inflammatory agent (LPSF/GQ-130) and evaluation of its thermal compatibility with pharmaceutical excipients. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 2339-2349.	3.6	7
59	Use of phyllosilicate clay mineral to increase solubility olanzapine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1743-1750.	3.6	7
60	Development and Evaluation of Photoprotective O/W Emulsions Containing Hydroalcoholic Extract of <i>Neoglaziovia variegata</i> (Bromeliaceae). <i>Scientific World Journal</i> , The, 2017, 2017, 1-8.	2.1	7
61	Stability study and oxidative degradation kinetics of posaconazole. <i>Microchemical Journal</i> , 2019, 151, 104181.	4.5	7
62	Analytical and pharmacological validation of the quantification of phenol red in a mouse model: An optimized method to evaluate expectorant drugs. <i>Journal of Pharmacological and Toxicological Methods</i> , 2019, 98, 106586.	0.7	7
63	Identificação da fração antimicrobiana do extrato da <i>Mimosa tenuiflora</i> . <i>Comunicata Scientiae</i> , 2017, 8, 155.	0.4	7
64	Influence of light intensity, fertilizing and season on the cirsiol content, a chemical marker of <i>Leonotis nepetifolia</i> (Lamiaceae). <i>PeerJ</i> , 2019, 7, e6187.	2.0	7
65	Drug associations as alternative and complementary therapy for neglected tropical diseases. <i>Acta Tropica</i> , 2022, 225, 106210.	2.0	7
66	A compatibility study of the prototype epiisopiloturine and pharmaceutical excipients aiming at the attainment of solid pharmaceutical forms. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 689-697.	3.6	6
67	Phytotoxicity reduction of the mercury chloride effect by natural products from <i>Eugenia jambolana</i> Lam.: A new strategy against the toxic metal pollution. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 461-467.	6.0	6
68	<i>Psidium guajava</i> bioactive product chemical analysis and heavy metal toxicity reduction. <i>Chemosphere</i> , 2019, 216, 785-793.	8.2	6
69	Benznidazole in vitro dissolution release from a pH-sensitive drug delivery system using Zif-8 as a carrier. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 59.	3.6	6
70	In silico and in vitro study of epiisopiloturine/ hydroxypropyl- $\beta$ -cyclodextrin inclusion complexes obtained by different methods. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 65, 102658.	3.0	6
71	Naphthoquinone-based hydrazone hybrids: synthesis and potent activity against cancer cell lines. <i>Medicinal Chemistry</i> , 2020, 16, 945-955.	1.5	6
72	A study of photostability and compatibility of the anti-chagas drug Benznidazole with pharmaceuticals excipients. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 63-69.	2.0	5

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73	Effect of ovarian tissue storage in <i>Morus nigra</i> extract on the morphology and DNA fragmentation of ovine preantral follicles. <i>Semina: Ciências Agrárias</i> , 2017, 38, 1973.	0.3	5
74	Acaricidal activity of leaves of <i>Morus nigra</i> against the cattle tick <i>Rhipicephalus microplus</i> . <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2017, 69, 523-528.	0.4	5
75	Advances in mango "Keitt"™ production system: PBZ interaction with fulvic acids and free amino acids. <i>Scientia Horticulturae</i> , 2021, 277, 109787.	3.6	5
76	Thermal characterization and kinetic study of the antiretroviral tenofovir disoproxil fumarate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1643-1651.	3.6	5
77	INFLUÊNCIA DO MODO EXTRATIVO NO TEOR DE FLAVONOÍDES DE <i>Cnidioscolus quercifolius</i> POHL (EUPHORBACEAE) E ATIVIDADE ANTIOXIDANTE. <i>Química Nova</i> , 2018, , .	0.3	5
78	Biological Potential of Synthetic Hydrazones in the Last Decade: A Systematic Review. <i>Revista Virtual De Química</i> , 2017, 9, 2551-2592.	0.4	5
79	Prolonged Release of Anti-Retroviral Efavirenz From System Using ZIF-8 as Carrier. <i>Current HIV Research</i> , 2020, 18, 396-404.	0.5	5
80	Phytochemical identification and quantification of quercetin in <i>Triplaris gardneriana</i> wedd. leaves by HPLC-DAD with evaluation of antibacterial activity. <i>Natural Product Research</i> , 2019, 35, 1-6.	1.8	4
81	Flavonoid enriched extract of <i>Alternanthera brasiliana</i> with photoprotective effect: Formulation development and evaluation of quality. <i>Industrial Crops and Products</i> , 2020, 149, 112371.	5.2	4
82	Phytochemical analysis in <i>Alternanthera brasiliana</i> by LC-MS/MS and GC-MS. <i>Natural Product Research</i> , 2020, 34, 429-433.	1.8	3
83	Development and characterization of the zeolite imidazolate framework for a modified release of the drug scopoletin. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102131.	3.0	3
84	A Systematic Review of Functionalized Polymeric Nanoparticles to Improve Intestinal Permeability of Drugs and Biological Products. <i>Current Pharmaceutical Design</i> , 2022, 28, 410-426.	1.9	3
85	Genus <i>Triplaris</i> (Polygonaceae): A review on traditional medicinal use, phytochemistry and biological activities. <i>Journal of Ethnopharmacology</i> , 2021, 277, 114188.	4.1	3
86	Photoprotective activity and HPLC-MS-ESI-IT profile of flavonoids from the barks of <i>Hymenaea martiana</i> Hayne (Fabaceae): development of topical formulations containing the hydroalcoholic extract. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 504-516.	1.3	3
87	Development of Pediatric Orodispersible Tablets Based on Efavirenz as a New Therapeutic Alternative. <i>Current HIV Research</i> , 2020, 18, 342-353.	0.5	3
88	Characterization and thermal stability study of efavirenz and solid dispersion with PVPVA 64 by means of thermal analysis and pyrolysis coupled with GC/MS. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 2169-2182.	3.6	2
89	<i>Jatropha mutabilis</i> , a new source of vitexin: HPLC quantification and pharmacological evaluation. <i>Natural Product Research</i> , 2021, 35, 6200-6203.	1.8	2
90	Acaricidal efficacy and chemical study of hexane extracts of the leaves of <i>Neoglaziocia variegata</i> (Bromeliaceae) against the tick <i>Rhipicephalus microplus</i> . <i>Experimental and Applied Acarology</i> , 2021, 84, 263-270.	1.6	2

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91	A new N-oxide benzyloquinoline alkaloid isolated from the leaves of atemoya ( <i>Annona</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5007 Sciences, 2021, .	0.7	2
92	The Use of <i>Cannabis</i> and Cannabinoid-based Products by Pregnant Women: A Patent Review. Recent Patents on Biotechnology, 2021, 15, 184-194.	0.8	2
93	PHYTOCHEMICAL STUDY ON ANTIMICROBIAL AND CYTOTOXIC ACTIVITY OF SPECIMENS OF <i>Leonotis nepetifolia</i> L. R. (Br). <i>Quimica Nova</i> , 2015, .	0.3	2
94	Chemical Constituents of Non-Polar Fractions Obtained from <i>Cnidoscopus quercifolius</i> Pohl (Euphorbiaceae), a Medicinal Plant Native from the Brazilian Caatinga Biome. <i>Revista Virtual De Quimica</i> , 2019, 11, 498-516.	0.4	2
95	Chemical Analysis by LC-MS of <i>Cannabis sativa</i> Root Samples from Northeast Brazil and Evaluation of Antitussive and Expectorant Activities. <i>Planta Medica</i> , 2022, 88, 1223-1232.	1.3	2
96	Bis-nor-diterpene from <i>Cnidoscopus quercifolius</i> (Euphorbiaceae) induces tubulin depolymerization-mediated apoptosis in BRAF-mutated melanoma cells. <i>Chemico-Biological Interactions</i> , 2022, 355, 109849.	4.0	2
97	LC-MS characterization and reduction of the phytotoxic effect of aluminium by natural products from <i>Eugenia jambolana</i> Lam.. <i>Applied Geochemistry</i> , 2018, 98, 191-196.	3.0	1
98	A Review of Analytical Methods for Calcium Salts and Cholecalciferol in Dietary Supplements. <i>Critical Reviews in Analytical Chemistry</i> , 2020, , 1-15.	3.5	1
99	Optimized microwave-assisted extraction of polyphenols and tannins from <i>Syzygium cumini</i> (L.) Skeels leaves through an experimental design coupled to a desirability approach. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20190632.	0.8	1
100	Formulation, Development and Scale-Up of Fixed-Dose Combination Tablets Containing Zidovudine, Lamivudine and Nevirapine. <i>Current HIV Research</i> , 2019, 17, 360-367.	0.5	1
101	Caracterização farmacognóstica, química e morfológica das cascas e folhas de <i>Triplaris gardneriana</i> Weed. <i>Brazilian Journal of Development</i> , 2020, 6, 11904-11915.	0.1	1
102	TECHNOLOGICAL PROSPECTION OF <i>Morus nigra</i> L.. <i>Revista GEINTEC</i> , 2018, 8, 4369-4380.	0.2	1
103	Innovation Overview of Nanoparticle-Based Dermatological Products: A Patent Study. <i>Recent Patents on Nanotechnology</i> , 2020, 14, 128-140.	1.3	1
104	Vasorelaxant effect of the dichloromethane fraction from <i>Lippia thymoides</i> involves voltage-gated potassium channels and the suppression of intracellular calcium in rat aortae. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 848-853.	1.4	0
105	Development of an analytical method for determination of polyphenols and total tannins from leaves of <i>Syzygium cumini</i> L. Skeels. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20190373.	0.8	0
106	Synthesis of Vanillin Derivatives and Evaluation as Photoprotective Agents against the UVB Radiation. <i>Revista Virtual De Quimica</i> , 2016, 8, 2057-2071.	0.4	0
107	Technological prospection: the genus <i>Mikania</i> in therapeutic use. <i>Research, Society and Development</i> , 2021, 10, e333101422076.	0.1	0