

Valquiria Linck Bassani

List of Publications by Year in descending order

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107
papers

2,500
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172457

29
h-index

276875

41
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114
all docs

114
docs citations

114
times ranked

3383
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of phenolic compounds in <i>Equisetum giganteum</i> by LC-ESI-MS/MS and a new approach to total flavonoid quantification. <i>Talanta</i> , 2013, 105, 192-203.	5.5	80
2	Quercetin/ β -Cyclodextrin Solid Complexes Prepared in Aqueous Solution Followed by Spray-drying or by Physical Mixture. <i>AAPS PharmSciTech</i> , 2009, 10, 235-242.	3.3	78
3	Box-Behnken design optimization of mucoadhesive chitosan-coated nanoemulsions for rosmarinic acid nasal delivery—In vitro studies. <i>Carbohydrate Polymers</i> , 2018, 199, 572-582.	10.2	68
4	Physicochemical properties and thermal stability of quercetin hydrates in the solid state. <i>Thermochimica Acta</i> , 2012, 539, 109-114.	2.7	60
5	LC determination of flavonoids: separation of quercetin, luteolin and 3-O-methylquercetin in <i>Achyrocline satureioides</i> preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 28, 771-777.	2.8	59
6	Antioxidant, a pro-oxidant and cytotoxic effects of <i>Achyrocline satureioides</i> extracts. <i>Life Sciences</i> , 2004, 74, 2815-2826.	4.3	57
7	HPLC method to assay total saponins in <i>Ilex paraguariensis</i> aqueous extract. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 723-725.	0.6	56
8	Influence of β -cyclodextrin complexation on carbamazepine release from hydroxypropyl methylcellulose matrix tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 55, 85-91.	4.3	54
9	Influence of excipients and technological process on anti-inflammatory activity of quercetin and <i>Achyrocline satureioides</i> (Lam.) D.C. extracts by oral route. <i>Phytomedicine</i> , 2007, 14, 102-108.	5.3	54
10	Aromatic Plants from Brazil. II. The Chemical Composition of Some <i>Eugenia</i> Essential Oils. <i>Journal of Essential Oil Research</i> , 1993, 5, 501-505.	2.7	51
11	Preparation and Characterization of Spray-Dried Polymeric Nanocapsules. <i>Drug Development and Industrial Pharmacy</i> , 2000, 26, 343-347.	2.0	50
12	CNS activities of liquid and spray-dried extracts from <i>Lippia alba</i> Verbenaceae (Brazilian false) <i>Tj ETQqO O 0 rgBT /Qverlock 10 Tf 50 30</i>	4.1	50
13	Mathematical evaluation of in vitro release profiles of hydroxypropylmethylcellulose matrix tablets containing carbamazepine associated to β -cyclodextrin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 177-179.	4.3	46
14	Evaluation of the antiherpetic activity of standardized extracts of <i>Achyrocline satureioides</i> . <i>Phytotherapy Research</i> , 2004, 18, 819-823.	5.8	44
15	Studies on coumestrol/ β -cyclodextrin association: Inclusion complex characterization. <i>International Journal of Pharmaceutics</i> , 2009, 369, 5-11.	5.2	41
16	An overview of the neuroprotective potential of rosmarinic acid and its association with nanotechnology-based delivery systems: A novel approach to treating neurodegenerative disorders. <i>Neurochemistry International</i> , 2019, 122, 47-58.	3.8	41
17	Preparation of proteolytic enzyme extracts from <i>Ananas comosus</i> L., Merr. fruit juice using semipermeable membrane, ammonium sulfate extraction, centrifugation and freeze-drying processes. <i>International Journal of Pharmaceutics</i> , 1991, 76, 199-206.	5.2	39
18	Daidzein/cyclodextrin/hydrophilic polymer ternary systems. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 886-893.	2.0	39

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19	Anticancer activity of flavonoids isolated from <i>Achyrocline satureioides</i> in gliomas cell lines. <i>Toxicology in Vitro</i> , 2018, 51, 23-33.	2.4	39
20	Flavonoids from <i>Achyrocline satureioides</i> : promising biomolecules for anticancer therapy. <i>RSC Advances</i> , 2014, 4, 3131-3144.	3.6	37
21	Optimization of headspace solid-phase microextraction for analysis of Î²-caryophyllene in a nanoemulsion dosage form prepared with copaiba (<i>Copaifera multijuga</i> Hayne) oil. <i>Analytica Chimica Acta</i> , 2012, 721, 79-84.	5.4	36
22	Antioxidant Activities and Free Radical Scavenging Potential of <i>Bauhinia microstachya</i> (RADDI) MACBR. (Caesalpinaceae) Extracts Linked to Their Polyphenol Content. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1488-1496.	1.4	35
23	Multiple complexation of cyclodextrin with soy isoflavones present in an enriched fraction. <i>Carbohydrate Polymers</i> , 2013, 98, 726-735.	10.2	35
24	Bioactive soy isoflavones: extraction and purification procedures, potential dermal use and nanotechnology-based delivery systems. <i>Phytochemistry Reviews</i> , 2015, 14, 849-869.	6.5	35
25	Pterostilbene reduces oxidative stress, prevents hypertrophy and preserves systolic function of right ventricle in <i>cor pulmonale</i> model. <i>British Journal of Pharmacology</i> , 2017, 174, 3302-3314.	5.4	35
26	Validation of an isocratic LC method for determination of quercetin and methylquercetin in topical nanoemulsions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1174-1177.	2.8	32
27	Development of Topical Hydrogels Containing Genistein-Loaded Nanoemulsions. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 330-336.	1.1	31
28	Solid Dispersion of Kaempferol: Formulation Development, Characterization, and Oral Bioavailability Assessment. <i>AAPS PharmSciTech</i> , 2019, 20, 106.	3.3	31
29	Bioavailability of carbamazepine:Î²-cyclodextrin complex in beagle dogs from hydroxypropylmethylcellulose matrix tablets. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 22, 201-207.	4.0	29
30	HPLC method for the determination of ecdysterone in extractive solution from <i>Pfaffia glomerata</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 450-453.	2.8	28
31	Antiherpes Activity and Skin/Mucosa Distribution of Flavonoids from <i>Achyrocline satureioides</i> Extract Incorporated into Topical Nanoemulsions. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	28
32	Coumestrol/hydroxypropyl-Î²-cyclodextrin association incorporated in hydroxypropyl methylcellulose hydrogel exhibits wound healing effect: in vitro and in vivo study. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 119, 179-188.	4.0	28
33	Guarana (<i>Paullinia cupana</i> Mart.) Prevents Î²â€Amyloid Aggregation, Generation of Advanced Glycationâ€Products (AGEs), and Acroleinâ€Induced Cytotoxicity on Human Neuronalâ€Like Cells. <i>Phytotherapy Research</i> , 2014, 28, 1615-1624.	5.8	27
34	Preparation and Characterization of Spray-dried Powders from <i>Achyrocline satureioides</i> (Lam.) DC Extracts. , 1997, 11, 123-127.		26
35	InfluÃªncia do mÃ©todo de extraÃ§Ã£o nos teores de metilxantinas em erva-mate (<i>Ilex paraguariensis</i> a.) <i>Tj ETQq1</i> 1 0.784314 rgBT /Ov 0.3 26		26
36	The international scenario of patents concerning isoflavones. <i>Trends in Food Science and Technology</i> , 2016, 49, 85-95.	15.1	26

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37	A versatile, stability-indicating and high-throughput ultra-fast liquid chromatography method for the determination of isoflavone aglycones in soybeans, topical formulations, and permeation assays. <i>Talanta</i> , 2015, 134, 183-193.	5.5	25
38	Isoflavone-aglycone fraction from <i>Glycine max</i> : a promising raw material for isoflavone-based pharmaceutical or nutraceutical products. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 259-267.	1.4	25
39	Glioprotective Effect of Chitosan-Coated Rosmarinic Acid Nanoemulsions Against Lipopolysaccharide-Induced Inflammation and Oxidative Stress in Rat Astrocyte Primary Cultures. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 123-139.	3.3	25
40	Incorporation of <i>Achyrocline satureioides</i> (Lam.) DC extracts into topical nanoemulsions obtained by means of spontaneous emulsification procedure. <i>Industrial Crops and Products</i> , 2014, 62, 421-429.	5.2	24
41	Stilbenoid pterostilbene complexed with cyclodextrin preserves left ventricular function after myocardial infarction in rats: possible involvement of thiol proteins and modulation of phosphorylated GSK-3 β . <i>Free Radical Research</i> , 2018, 52, 988-999.	3.3	24
42	Complexation of rosmarinic acid with hydroxypropyl- β -cyclodextrin and methyl- β -cyclodextrin: Formation of 2:1 complexes with improved antioxidant activity. <i>Journal of Molecular Structure</i> , 2019, 1195, 582-590.	3.6	24
43	Ofloxacin/ β -Cyclodextrin Complexation. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 533-540.	2.0	23
44	Factorial design applied to the optimization of lipid composition of topical antiherpetic nanoemulsions containing isoflavone genistein. <i>International Journal of Nanomedicine</i> , 2014, 9, 4737.	6.7	23
45	Antiherpes evaluation of soybean isoflavonoids. <i>Archives of Virology</i> , 2015, 160, 2335-2342.	2.1	23
46	Topical Delivery of Coumestrol from Lipid Nanoemulsions Thickened with Hydroxyethylcellulose for Antiherpes Treatment. <i>AAPS PharmSciTech</i> , 2018, 19, 192-200.	3.3	23
47	Carbamazepine/ β CD/HPMC Solid Dispersions. II. Physical Characterization. <i>Drug Development and Industrial Pharmacy</i> , 2003, 29, 145-154.	2.0	22
48	Development of topical nanoemulsions containing quercetin and 3-O-methylquercetin. <i>Die Pharmazie</i> , 2009, 64, 726-30.	0.5	22
49	Development of Ointment Formulations Prepared with <i>Achyrocline satureioides</i> Spray-Dried Extracts. <i>Drug Development and Industrial Pharmacy</i> , 1998, 24, 235-241.	2.0	21
50	COMPARISON OF METHYLXANTHINE, PHENOLICS AND SAPONIN CONTENTS IN LEAVES, BRANCHES AND UNRIPE FRUITS FROM <i>Ilex paraguariensis</i> A. ST.-HIL (MATE). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 362-374.	1.0	21
51	Technological Characterization and Stability of <i>Ilex paraguariensis</i> St. Hil. Aquifoliaceae (<i>Matá</i>) Spray-Dried Powder. <i>Journal of Medicinal Food</i> , 2011, 14, 413-419.	1.5	21
52	Compatibility study of rosmarinic acid with excipients used in pharmaceutical solid dosage forms using thermal and non-thermal techniques. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 1138-1145.	2.7	21
53	Quantification of Saponins in Extractive Solution of Mate Leaves (<i>Ilex paraguariensis</i> A. St. Hil.). <i>Journal of Medicinal Food</i> , 2010, 13, 439-443.	1.5	20
54	Immunomodulatory effect of <i>Achyrocline satureioides</i> (LAM.) D.C. aqueous extracts. , 1999, 13, 65-66.		19

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55	Response Surface Analysis Applied to the Preparation of Tablets Containing a High Concentration of Vegetable Spray-Dried Extract. <i>Drug Development and Industrial Pharmacy</i> , 2000, 26, 441-446.	2.0	19
56	Development, Optimisation and Validation of a Stability-Indicating HPLC Method of Achyrobichalcone Quantification using Experimental Designs. <i>Phytochemical Analysis</i> , 2013, 24, 193-200.	2.4	19
57	<i>In Vitro</i> Evaluation of Mucosa Permeation/Retention and Antiherpes Activity of Genistein from Cationic Nanoemulsions. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1282-1290.	0.9	19
58	The Adjuvants Aerosil 200 and Gelita-Sol-P Influence on the Technological Characteristics of Spray-Dried Powders from <i>Passiflora edulis</i> var. <i>flavicarpa</i> . <i>Drug Development and Industrial Pharmacy</i> , 2000, 26, 331-336.	2.0	18
59	Simultaneous quantification of flavonoids from <i>Achyrocline satureioides</i> by a polar-reversed phase LC method-application to skin permeation/retention studies. <i>Die Pharmazie</i> , 2014, 69, 5-9.	0.5	18
60	Association of 3-O-methylquercetin with β -cyclodextrin: complex preparation, characterization and <i>ex vivo</i> skin permeation studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 149-159.	1.6	17
61	Preventive supplementation with fresh and preserved peach attenuates CCl ₄ -induced oxidative stress, inflammation and tissue damage. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1282-1295.	4.2	17
62	3-O-Methylquercetin from organic <i>Nicotiana tabacum</i> L. trichomes: Influence of the variety, cultivation and extraction parameters. <i>Industrial Crops and Products</i> , 2014, 55, 56-62.	5.2	17
63	A novel, simplified and stability-indicating high-throughput ultra-fast liquid chromatography method for the determination of rosmarinic acid in nanoemulsions, porcine skin and nasal mucosa. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 233-241.	2.3	17
64	Improvement of genistein content in solid genistein/ β -cyclodextrin complexes. <i>Quimica Nova</i> , 2010, 33, 587-590.	0.3	15
65	Development, physico-chemical characterization and <i>in-vitro</i> studies of hydrogels containing rosmarinic acid-loaded nanoemulsion for topical application. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1199-1208.	2.4	15
66	Semi-preparative isolation and purification of phenolic compounds from <i>Achyrocline satureioides</i> (Lam) D.C. by high-performance counter-current chromatography. <i>Phytochemical Analysis</i> , 2019, 30, 182-192.	2.4	15
67	Chitosan-coated rosmarinic acid nanoemulsion nasal administration protects against LPS-induced memory deficit, neuroinflammation, and oxidative stress in Wistar rats. <i>Neurochemistry International</i> , 2020, 141, 104875.	3.8	15
68	Carbamazepine/ β CD/HPMC Solid Dispersions. I. Influence of the Spray-Drying Process and β CD/HPMC on the Drug Dissolution Profile. <i>Drug Development and Industrial Pharmacy</i> , 2003, 29, 139-144.	2.0	14
69	<i>Achyrocline satureioides</i> (Lam.) DC (Asteraceae) Extract-Loaded Nanoemulsions as a Promising Topical Wound Healing Delivery System: <i>In Vitro</i> Assessments in Human Keratinocytes (HaCaT) and HET-CAM Irritant Potential. <i>Pharmaceutics</i> , 2021, 13, 1241.	4.5	14
70	Influence of adjuvants on the dissolution profile of tablets containing high doses of spray-dried extract of <i>Maytenus ilicifolia</i> . <i>Die Pharmazie</i> , 2001, 56, 730-3.	0.5	14
71	Isolation of Achyrobichalcone from <i>Achyrocline satureioides</i> by High-Speed Countercurrent Chromatography. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 66-71.	1.6	13
72	Effect of Aqueous Extract of Giant Horsetail (<i>Equisetum giganteum</i> L.) in Antigen-Induced Arthritis. <i>Open Rheumatology Journal</i> , 2013, 7, 129-133.	0.2	13

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73	Hydroxypropyl- β -cyclodextrin-containing hydrogel enhances skin formononetin permeation/retention. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 865-873.	2.4	11
74	High lactobionic acid production by immobilized <i>Zymomonas mobilis</i> cells: a great step for large-scale process. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1265-1276.	3.4	11
75	Pterostilbene improves cardiac function in a rat model of right heart failure through modulation of calcium handling proteins and oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 987-995.	1.9	11
76	The Chemical Composition of Some <i>Achyrocline satureioides</i> and <i>Achyrocline alata</i> Oils from Brazil. <i>Journal of Essential Oil Research</i> , 1991, 3, 317-321.	2.7	10
77	Enhanced water-solubility of albendazole by hydroxypropyl- β -cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1996, 25, 149-152.	1.6	10
78	Essential Oils from Four <i>Mikania</i> Species (Asteraceae). <i>Journal of Essential Oil Research</i> , 2001, 13, 225-228.	2.7	10
79	Degradação e estabilização do diclofenaco em nanopartículas poliméricas. <i>Quimica Nova</i> , 2004, 27, 555-560.	0.3	10
80	Supplementation with <i>Achyrocline satureioides</i> Inflorescence Extracts to Pregnant and Breastfeeding Rats Induces Tissue-Specific Changes in Enzymatic Activity and Lower Neonatal Survival. <i>Biomedicines</i> , 2017, 5, 53.	3.2	10
81	Validation of an LC Method for Polyphenol Assay in Extractive Solutions from <i>Ilex paraguariensis</i> (Mate). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 3119-3131.	1.0	9
82	A bioanalytical HPLC method for coumestrol quantification in skin permeation tests followed by UPLC-QTOF/HDMS stability-indicating method for identification of degradation products. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1020, 43-52.	2.3	8
83	Effect of pterostilbene complexed with cyclodextrin on rat liver: potential reduction of oxidative damage and modulation redox-sensitive proteins. <i>Medicinal Chemistry Research</i> , 2018, 27, 2265-2278.	2.4	8
84	Box-Behnken Design for Extraction Optimization Followed by High Performance Countercurrent Chromatography: Production of a Flavonoid-enriched Fraction from <i>Achyrocline Satureioides</i> . <i>Planta Medica</i> , 2020, 86, 151-159.	1.3	8
85	Characterization of different samples of quercetin in solid-state: indication of polymorphism occurrence. <i>Die Pharmazie</i> , 2006, 61, 802-4.	0.5	8
86	<i>Achyrocline satureioides</i> (Lam.) DC., Asteraceae: development of granules from spray dried powder. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 796-803.	1.4	7
87	Development and validation of a specific-stability indicating liquid chromatography method for quantitative analysis of pterostilbene: application in food and pharmaceutical products. <i>Analytical Methods</i> , 2020, 12, 4310-4318.	2.7	7
88	Validation of an LC Method to Determine Skin Retention Profile of Genistein from Nanoemulsions Incorporated in Hydrogels. <i>Journal of Chromatographic Science</i> , 2012, 50, 114-118.	1.4	6
89	A New Simplified and Stability Indicating Liquid Chromatography Method for Routine Analysis of Isoflavones Aglycones in Different Complex Matrices. <i>Food Analytical Methods</i> , 2014, 7, 1881-1890.	2.6	6
90	Profile of pterostilbene-induced redox homeostasis modulation in cardiac myoblasts and heart tissue. <i>Journal of Biosciences</i> , 2018, 43, 931-940.	1.1	6

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91	3-O-Methylquercetin from <i>Achyrocline satureioides</i> cytototoxic activity against A375-derived human melanoma cell lines and its incorporation into cyclodextrins-hydrogels for topical administration. <i>Drug Delivery and Translational Research</i> , 2021, 11, 2151-2168.	5.8	6
92	Identification and stability of a new bichalcone in <i>Achyrocline satureioides</i> spray dried powder. <i>Die Pharmazie</i> , 2010, 65, 650-6.	0.5	6
93	Development of an oral control release system from <i>Physalis peruviana</i> L. fruits extract based on the co-spray-drying method. <i>Powder Technology</i> , 2019, 354, 676-688.	4.2	5
94	Sodium, potassium, calcium lactobionates, and lactobionic acid from <i>Zymomonas mobilis</i> : A novel approach about stability and stress tests. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 104-114.	2.8	5
95	Quercetin and 3-O-methylquercetin <i>in vitro</i> skin layers permeation/retention from hydrogels: why only a methoxy group difference determines different behaviors?. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 733-745.	2.4	5
96	<i>Achyrocline satureioides</i> (Lam.) DC. as a potential approach for management of viral respiratory infections. <i>Phytotherapy Research</i> , 2021, 35, 3-5.	5.8	5
97	LC analysis of coumestrol incorporated into topical lipid nanoemulsions. <i>Die Pharmazie</i> , 2011, 66, 929-32.	0.5	5
98	Preparation of a low-alcohol extract of <i>Rosmarinus officinalis</i> using a reverse osmosis membrane. <i>International Journal of Pharmaceutics</i> , 1990, 63, 57-63.	5.2	4
99	Influence of adjuvants on the <i>in vitro</i> dissolution of hydrochlorothiazide from hard gelatin capsules. <i>International Journal of Pharmaceutics</i> , 1991, 76, 49-53.	5.2	4
100	Effects of <i>Achyrocline satureioides</i> Inflorescence Extracts against Pathogenic Intestinal Bacteria: Chemical Characterization, <i>In Vitro</i> Tests, and <i>In Vivo</i> Evaluation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-10.	1.2	4
101	A stability-indicating ultra-fast liquid chromatography method for the assay of the main flavonoids of <i>Achyrocline satureioides</i> (Marcela) in porcine skin layers and nanoemulsions. <i>Phytochemical Analysis</i> , 2020, 31, 905-914.	2.4	4
102	<i>Ilex paraguariensis</i> Pellets from a Spray-Dried Extract: Development, Characterization, and Stability. <i>AAPS PharmSciTech</i> , 2016, 17, 358-367.	3.3	3
103	Bioproduction and characterization of sodium, potassium, and calcium lactobionates. <i>Quimica Nova</i> , 2017, , .	0.3	3
104	<i>Achyrocline satureioides</i> compounds, achyrobichalcone and 3-O-methylquercetin, induce mitochondrial dysfunction and apoptosis in human breast cancer cell lines. <i>IUBMB Life</i> , 2020, 72, 2133-2145.	3.4	3
105	Profile of pterostilbene-induced redox homeostasis modulation in cardiac myoblasts and heart tissue. <i>Journal of Biosciences</i> , 2018, 43, 931-940.	1.1	3
106	Adipose tissue of female Wistar rats respond to <i>Ilex paraguariensis</i> treatment after ovariectomy surgery. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 238-248.	2.7	2
107	The challenge of flavonoid/cyclodextrin complexation in a complex matrix of the quercetin, luteolin, and 3-O-methylquercetin. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 625-634.	2.4	1