Valquiria Linck Bassani

List of Publications by Year in descending order

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107 papers 2,500 citations

172207 29 h-index 276539 41 g-index

114 all docs

114 docs citations

times ranked

114

3383 citing authors

#	Article	IF	CITATIONS
1	Identification of phenolic compounds in Equisetum giganteum by LC–ESI-MS/MS and a new approach to total flavonoid quantification. Talanta, 2013, 105, 192-203.	2.9	80
2	Quercetin/ \hat{l}^2 -Cyclodextrin Solid Complexes Prepared in Aqueous Solution Followed by Spray-drying or by Physical Mixture. AAPS PharmSciTech, 2009, 10, 235-242.	1.5	78
3	Box-Behnken design optimization of mucoadhesive chitosan-coated nanoemulsions for rosmarinic acid nasal delivery—In vitro studies. Carbohydrate Polymers, 2018, 199, 572-582.	5.1	68
4	Physicochemical properties and thermal stability of quercetin hydrates in the solid state. Thermochimica Acta, 2012, 539, 109-114.	1.2	60
5	LC determination of flavonoids: separation of quercetin, luteolin and 3-O-methylquercetin in Achyrocline satureioides preparations. Journal of Pharmaceutical and Biomedical Analysis, 2002, 28, 771-777.	1.4	59
6	Antioxidant, a pro-oxidant and cytotoxic effects of Achyrocline satureioides extracts. Life Sciences, 2004, 74, 2815-2826.	2.0	57
7	HPLC method to assay total saponins in Ilex paraguariensis aqueous extract. Journal of the Brazilian Chemical Society, 2005, 16, 723-725.	0.6	56
8	Influence of \hat{I}^2 -cyclodextrin complexation on carbamazepine release from hydroxypropyl methylcellulose matrix tablets. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 55, 85-91.	2.0	54
9	Influence of excipients and technological process on anti-inflammatory activity of quercetin and Achyrocline satureioides (Lam.) D.C. extracts by oral route. Phytomedicine, 2007, 14, 102-108.	2.3	54
10	Aromatic Plants from Brazil. II. The Chemical Composition of Some <i>Eugenia</i> Essential Oils. Journal of Essential Oil Research, 1993, 5, 501-505.	1.3	51
11	Preparation and Characterization of Spray-Dried Polymeric Nanocapsules. Drug Development and Industrial Pharmacy, 2000, 26, 343-347.	0.9	50
12	CNS activities of liquid and spray-dried extracts from Lippia alba—Verbenaceae (Brazilian false) Tj ETQq0 0 0 rg	BT /Overlo	ck 10 Tf 50 30
13	Mathematical evaluation of in vitro release profiles of hydroxypropylmethylcellulose matrix tablets containing carbamazepine associated to \hat{l}^2 -cyclodextrin. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 58, 177-179.	2.0	46
14	Evaluation of the antiherpetic activity of standardized extracts of Achyrocline sature ioides. Phytotherapy Research, 2004, 18, 819-823.	2.8	44
15	Studies on coumestrol/ \hat{l}^2 -cyclodextrin association: Inclusion complex characterization. International Journal of Pharmaceutics, 2009, 369, 5-11.	2.6	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. Neurochemistry International, 2019, 122, 47-58.	1.9	41
17	Preparation of proteolytic enzyme extracts from Ananas comosus L., Merr. fruit juice using semipermeable membrane, ammonium sulfate extraction, centrifugation and freeze-drying processes. International Journal of Pharmaceutics, 1991, 76, 199-206.	2.6	39
18	Daidzein/cyclodextrin/hydrophilic polymer ternary systems. Drug Development and Industrial Pharmacy, 2011, 37, 886-893.	0.9	39

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19	Anticancer activity of flavonoids isolated from Achyrocline satureioides in gliomas cell lines. Toxicology in Vitro, 2018, 51, 23-33.	1.1	39
20	Flavonoids from Achyrocline satureioides: promising biomolecules for anticancer therapy. RSC Advances, 2014, 4, 3131-3144.	1.7	37
21	Optimization of headspace solid-phase microextraction for analysis of \hat{l}^2 -caryophyllene in a nanoemulsion dosage form prepared with copaiba (Copaifera multijuga Hayne) oil. Analytica Chimica Acta, 2012, 721, 79-84.	2.6	36
22	Antioxidant Activities and Free Radical Scavenging Potential of Bauhinia microstachya (RADDI) MACBR. (Caesalpinaceae) Extracts Linked to Their Polyphenol Content. Biological and Pharmaceutical Bulletin, 2007, 30, 1488-1496.	0.6	35
23	Multiple complexation of cyclodextrin with soy isoflavones present in an enriched fraction. Carbohydrate Polymers, 2013, 98, 726-735.	5.1	35
24	Bioactive soy isoflavones: extraction and purification procedures, potential dermal use and nanotechnology-based delivery systems. Phytochemistry Reviews, 2015, 14, 849-869.	3.1	35
25	Pterostilbene reduces oxidative stress, prevents hypertrophy and preserves systolic function of right ventricle in <i>cor pulmonale</i> model. British Journal of Pharmacology, 2017, 174, 3302-3314.	2.7	35
26	Validation of an isocratic LC method for determination of quercetin and methylquercetin in topical nanoemulsions. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 1174-1177.	1.4	32
27	Development of Topical Hydrogels Containing Genistein-Loaded Nanoemulsions. Journal of Biomedical Nanotechnology, 2012, 8, 330-336.	0.5	31
28	Solid Dispersion of Kaempferol: Formulation Development, Characterization, and Oral Bioavailability Assessment. AAPS PharmSciTech, 2019, 20, 106.	1.5	31
29	Bioavailability of carbamazepine:Î ² -cyclodextrin complex in beagle dogs from hydroxypropylmethylcellulose matrix tablets. European Journal of Pharmaceutical Sciences, 2004, 22, 201-207.	1.9	29
30	HPLC method for the determination of ecdysterone in extractive solution from Pfaffia glomerata. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 450-453.	1.4	28
31	Antiherpes Activity and Skin/Mucosa Distribution of Flavonoids from <i>Achyrocline satureioides</i> Extract Incorporated into Topical Nanoemulsions. BioMed Research International, 2015, 2015, 1-7.	0.9	28
32	Coumestrol/hydroxypropyl- \hat{l}^2 -cyclodextrin association incorporated in hydroxypropyl methylcellulose hydrogel exhibits wound healing effect: in vitro and in vivo study. European Journal of Pharmaceutical Sciences, 2018, 119, 179-188.	1.9	28
33	Guarana (<i>Paullinia cupana</i> Mart.) Prevents βâ€Amyloid Aggregation, Generation of Advanced Glycationâ€end Products (AGEs), and Acroleinâ€induced Cytotoxicity on Human Neuronalâ€ike Cells. Phytotherapy Research, 2014, 28, 1615-1624.	2.8	27
34	Preparation and Characterization of Spray-dried Powders from Achyrocline satureioides (Lam.) DC Extracts., 1997, 11, 123-127.		26
35	Influência do método de extração nos teores de metilxantinas em erva-mate (llex paraguariensis a.) Tj ETQo	q1 1 0.784 	1314 rgBT /○\ 26
36	The international scenario of patents concerning isoflavones. Trends in Food Science and Technology, 2016, 49, 85-95.	7.8	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. Talanta, 2015, 134, 183-193.	2.9	25
38	Isoflavone-aglycone fraction from Glycine max: a promising raw material for isoflavone-based pharmaceutical or nutraceutical products. Revista Brasileira De Farmacognosia, 2016, 26, 259-267.	0.6	25
39	Glioprotective Effect of Chitosan-Coated Rosmarinic Acid Nanoemulsions Against Lipopolysaccharide-Induced Inflammation and Oxidative Stress in Rat Astrocyte Primary Cultures. Cellular and Molecular Neurobiology, 2020, 40, 123-139.	1.7	25
40	Incorporation of Achyrocline satureioides (Lam.) DC extracts into topical nanoemulsions obtained by means of spontaneous emulsification procedure. Industrial Crops and Products, 2014, 62, 421-429.	2.5	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-3Î ² . Free Radical Research, 2018, 52, 988-999.	1.5	24
42	Complexation of rosmarinic acid with hydroxypropyl- \hat{l}^2 -cyclodextrin and methyl- \hat{l}^2 -cyclodextrin: Formation of 2:1 complexes with improved antioxidant activity. Journal of Molecular Structure, 2019, 1195, 582-590.	1.8	24
43	Ofloxacin/ \hat{l}^2 -Cyclodextrin Complexation. Drug Development and Industrial Pharmacy, 2001, 27, 533-540.	0.9	23
44	Factorial design applied to the optimization of lipid composition of topical antiherpetic nanoemulsions containing isoflavone genistein. International Journal of Nanomedicine, 2014, 9, 4737.	3.3	23
45	Antiherpes evaluation of soybean isoflavonoids. Archives of Virology, 2015, 160, 2335-2342.	0.9	23
46	Topical Delivery of Coumestrol from Lipid Nanoemulsions Thickened with Hydroxyethylcellulose for Antiherpes Treatment. AAPS PharmSciTech, 2018, 19, 192-200.	1.5	23
47	Carbamazepine/ \hat{I}^2 CD/HPMC Solid Dispersions. II. Physical Characterization. Drug Development and Industrial Pharmacy, 2003, 29, 145-154.	0.9	22
48	Development of topical nanoemulsions containing quercetin and 3-O-methylquercetin. Die Pharmazie, 2009, 64, 726-30.	0.3	22
49	Development of Ointment Formulations Prepared with Achyrocline satureioides Spray-Dried Extracts. Drug Development and Industrial Pharmacy, 1998, 24, 235-241.	0.9	21
50	COMPARISON OF METHYLXANTHINE, PHENOLICS AND SAPONIN CONTENTS IN LEAVES, BRANCHES AND UNRIPE FRUITS FROM <i>ILEX PARAGUARIENSIS</i> and Related Technologies, 2010, 33, 362-374.	0.5	21
51	Technological Characterization and Stability of <i>llex paraguariensis</i> St. Hil. Aquifoliaceae (<i>Mat©</i>) Spray-Dried Powder. Journal of Medicinal Food, 2011, 14, 413-419.	0.8	21
52	Compatibility study of rosmarinic acid with excipients used in pharmaceutical solid dosage forms using thermal and non-thermal techniques. Saudi Pharmaceutical Journal, 2019, 27, 1138-1145.	1.2	21
53	Quantification of Saponins in Extractive Solution of Mate Leaves (<i>llex paraguariensis</i> A. St. Hil.). Journal of Medicinal Food, 2010, 13, 439-443.	0.8	20
54	Immunomodulatory effect of Achyrocline satureioides (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. Drug Development and Industrial Pharmacy, 2000, 26, 441-446.	0.9	19
56	Development, Optimisation and Validation of a Stabilityâ€Indicating HPLC Method of Achyrobichalcone Quantification using Experimental Designs. Phytochemical Analysis, 2013, 24, 193-200.	1.2	19
57	<i>In Vitro</i> Evaluation of Mucosa Permeation/Retention and Antiherpes Activity of Genistein from Cationic Nanoemulsions. Journal of Nanoscience and Nanotechnology, 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 fromPassiflora edulisvar.flavicarpa. Drug Development and Industrial Pharmacy, 2000, 26, 331-336.	0.9	18
59	Simultaneous quantification of flavonoids from Achyrocline satureioides by a polar-reversed phase LC method-application to skin permeation/retention studies. Die Pharmazie, 2014, 69, 5-9.	0.3	18
60	Association of 3-O-methylquercetin with \hat{l}^2 -cyclodextrin: complex preparation, characterization and exÂvivo skin permeation studies. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 62, 149-159.	1.6	17
61	Preventive supplementation with fresh and preserved peach attenuates CCl4-induced oxidative stress, inflammation and tissue damage. Journal of Nutritional Biochemistry, 2014, 25, 1282-1295.	1.9	17
62	3-O-Methylquercetin from organic Nicotiana tabacum L. trichomes: Influence of the variety, cultivation and extraction parameters. Industrial Crops and Products, 2014, 55, 56-62.	2.5	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 233-241.	1.2	17
64	Improvement of genistein content in solid genistein/-cyclodextrin complexes \hat{l}^2 . Quimica Nova, 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. Journal of Pharmacy and Pharmacology, 2019, 71, 1199-1208.	1.2	15
66	Semiâ€preparative isolation and purification of phenolic compounds from <i>Achyrocline satureioides</i> (Lam) D.C. by highâ€performance counterâ€current chromatography. Phytochemical Analysis, 2019, 30, 182-192.	1.2	15
67	Chitosan-coated rosmarinic acid nanoemulsion nasal administration protects against LPS-induced memory deficit, neuroinflammation, and oxidative stress in Wistar rats. Neurochemistry International, 2020, 141, 104875.	1.9	15
68	Carbamazepine/ \hat{l}^2 CD/HPMC Solid Dispersions. I. Influence of the Spray-Drying Process and \hat{l}^2 CD/HPMC on the Drug Dissolution Profile. Drug Development and Industrial Pharmacy, 2003, 29, 139-144.	0.9	14
69	Achyrocline satureioides (Lam.) DC (Asteraceae) Extract-Loaded Nanoemulsions as a Promising Topical Wound Healing Delivery System: In Vitro Assessments in Human Keratinocytes (HaCaT) and HET-CAM Irritant Potential. Pharmaceutics, 2021, 13, 1241.	2.0	14
70	Influence of adjuvants on the dissolution profile of tablets containing high doses of spray-dried extract of Maytenus ilicifolia. Die Pharmazie, 2001, 56, 730-3.	0.3	14
71	Isolation of Achyrobichalcone from Achyrocline satureioides by High- Speed Countercurrent Chromatography. Current Pharmaceutical Biotechnology, 2015, 16, 66-71.	0.9	13
72	Effect of Aqueous Extract of Giant Horsetail (Equisetum giganteum L.) in Antigen-Induced Arthritis. Open Rheumatology Journal, 2013, 7, 129-133.	0.1	13

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73	Hydroxypropyl- \hat{l}^2 -cyclodextrin-containing hydrogel enhances skin formononetin permeation/retention. Journal of Pharmacy and Pharmacology, 2018, 70, 865-873.	1.2	11
74	High lactobionic acid production by immobilized Zymomonas mobilis cells: a great step for large-scale process. Bioprocess and Biosystems Engineering, 2020, 43, 1265-1276.	1.7	11
75	Pterostilbene improves cardiac function in a rat model of right heart failure through modulation of calcium handling proteins and oxidative stress. Applied Physiology, Nutrition and Metabolism, 2020, 45, 987-995.	0.9	11
76	The Chemical Composition of Some <i>Achyrocline satureioides</i> Achyrocline alataOils from Brazil. Journal of Essential Oil Research, 1991, 3, 317-321.	1.3	10
77	Enhanced water-solubility of albendazole by hydroxypropyl-?-cyclodextrin complexation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1996, 25, 149-152.	1.6	10
78	Essential Oils from FourMikaniaSpecies (Asteraceae). Journal of Essential Oil Research, 2001, 13, 225-228.	1.3	10
79	Degradação e estabilização do diclofenaco em nanocÃ;psulas poliméricas. Quimica Nova, 2004, 27, 555-560.	0.3	10
80	Supplementation with Achyrocline satureioides Inflorescence Extracts to Pregnant and Breastfeeding Rats Induces Tissue-Specific Changes in Enzymatic Activity and Lower Neonatal Survival. Biomedicines, 2017, 5, 53.	1.4	10
81	Validation of an LC Method for Polyphenol Assay in Extractive Solutions from Ilex paraguariensis (Mate). Journal of Liquid Chromatography and Related Technologies, 2007, 30, 3119-3131.	0.5	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1020, 43-52.	1.2	8
83	Effect of pterostilbene complexed with cyclodextrin on rat liver: potential reduction of oxidative damage and modulation redox-sensitive proteins. Medicinal Chemistry Research, 2018, 27, 2265-2278.	1.1	8
84	Box-Behnken Design for Extraction Optimization Followed by High Performance Countercurrent Chromatography: Production of a Flavonoid-enriched Fraction from Achyrocline Satureioides. Planta Medica, 2020, 86, 151-159.	0.7	8
85	Characterization of different samples of quercetin in solid-state: indication of polymorphism occurrence. Die Pharmazie, 2006, 61, 802-4.	0.3	8
86	Achyrocline satureioides (Lam.) DC., Asteraceae: development of granules from spray dried powder. Revista Brasileira De Farmacognosia, 2010, 20, 796-803.	0.6	7
87	Development and validation of a specific-stability indicating liquid chromatography method for quantitative analysis of pterostilbene: application in food and pharmaceutical products. Analytical Methods, 2020, 12, 4310-4318.	1.3	7
88	Validation of an LC Method to Determine Skin Retention Profile of Genistein from Nanoemulsions Incorporated in Hydrogels. Journal of Chromatographic Science, 2012, 50, 114-118.	0.7	6
89	A New Simplified and Stability Indicating Liquid Chromatography Method for Routine Analysis of Isoflavones Aglycones in Different Complex Matrices. Food Analytical Methods, 2014, 7, 1881-1890.	1.3	6
90	Profile of pterostilbene-induced redox homeostasis modulation in cardiac myoblasts and heart tissue. Journal of Biosciences, 2018, 43, 931-940.	0.5	6

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91	3-O-Methylquercetin from Achyrocline satureioides—cytotoxic activity against A375-derived human melanoma cell lines and its incorporation into cyclodextrins-hydrogels for topical administration. Drug Delivery and Translational Research, 2021, 11, 2151-2168.	3.0	6
92	Identification and stability of a new bichalcone in Achyrocline satureioides spray dried powder. Die Pharmazie, 2010, 65, 650-6.	0.3	6
93	Development of an oral control release system from Physalis peruviana L. fruits extract based on the co-spray-drying method. Powder Technology, 2019, 354, 676-688.	2.1	5
94	Sodium, potassium, calcium lactobionates, and lactobionic acid from Zymomonas mobilis: A novel approach about stability and stress tests. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 104-114.	1.4	5
95	Quercetin and 3- <i>O</i> -methylquercetin <i>in vitro</i> skin layers permeation/retention from hydrogels: why only a methoxy group difference determines different behaviors?. Journal of Pharmacy and Pharmacology, 2019, 71, 733-745.	1.2	5
96	<i>Achyrocline satureioides</i> (Lam.) <scp>D.C</scp> . as a potential approach for management of viral respiratory infections. Phytotherapy Research, 2021, 35, 3-5.	2.8	5
97	LC analysis of coumestrol incorporated into topical lipid nanoemulsions. Die Pharmazie, 2011, 66, 929-32.	0.3	5
98	Preparation of a low-alcohol extract of Rosmarinus officinalis using a reverse osmosis membrane. International Journal of Pharmaceutics, 1990, 63, 57-63.	2.6	4
99	Influence of adjuvants on the in vitro dissolution of hydrochlorothiazide from hard gelatin capsules. International Journal of Pharmaceutics, 1991, 76, 49-53.	2.6	4
100	Effects of (i) Achyrocline satureioides (i) Inflorescence Extracts against Pathogenic Intestinal Bacteria: Chemical Characterization, In Vitro Tests, and In Vivo Evaluation. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-10.	0.5	4
101	A stabilityâ€indicating ultraâ€fast liquid chromatography method for the assay of the main flavonoids of <i>Achyrocline satureioides</i> (Marcela) in porcine skin layers and nanoemulsions. Phytochemical Analysis, 2020, 31, 905-914.	1.2	4
102	llex paraguariensis Pellets from a Spray-Dried Extract: Development, Characterization, and Stability. AAPS PharmSciTech, 2016, 17, 358-367.	1.5	3
103	Bioproduction and characterization of sodium, potassium, and calcium lactobionates. Quimica Nova, $2017, \ldots$	0.3	3
104	<i>Achyrocline satureioides</i> compounds, achyrobichalcone and <scp>3â€</scp> <i>O</i> â€methylquercetin, induce mitochondrial dysfunction and apoptosis in human breast cancer cell lines. IUBMB Life, 2020, 72, 2133-2145.	1.5	3
105	Profile of pterostilbene-induced redox homeostasis modulation in cardiac myoblasts and heart tissue. Journal of Biosciences, 2018, 43, 931-940.	0.5	3
106	Adipose tissue of female Wistar rats respond to llex paraguariensis treatment after ovariectomy surgery. Journal of Traditional and Complementary Medicine, 2021, 11, 238-248.	1.5	2
107	The challenge of flavonoid/cyclodextrin complexation in a complex matrix of the quercetin, luteolin, and 3- <i>O</i> -methylquercetin. Pharmaceutical Development and Technology, 2022, 27, 625-634.	1.1	1