Valquiria Linck Bassani

List of Publications by Year
in descending order

107	2,500	172457	276875
papers	citations	29 h-index	41 g-index

114	114	114	3383
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The challenge of flavonoid/cyclodextrin complexation in a complex matrix of the quercetin, luteolin, and 3-O-methylquercetin. Pharmaceutical Development and Technology, 2022, 27, 625-634.	2.4	1
2	Adipose tissue of female Wistar rats respond to Ilex paraguariensis treatment after ovariectomy surgery. Journal of Traditional and Complementary Medicine, 2021, 11, 238-248.	2.7	2
3	Achyrocline satureioides (Lam.) <scp>D.C</scp>. as a potential approach for management of viral respiratory infections. Phytotherapy Research, 2021, 35, 3-5.	5.8	5
4	3-O-Methylquercetin from Achyrocline satureioidesâ€"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.	5.8	6
5	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.	4.5	14
6	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.	3.3	25
7	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.	1.3	8
8	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.	3.8	15
9	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.	2.7	7
10	Achyrocline satureioides compounds, achyrobichalcone and <scp>3â€²</scp>Oâ€methylquercetin, induce mitochondrial dysfunction and apoptosis in human breast cancer cell lines. IUBMB Life, 2020, 72, 2133-2145.	3.4	3
11	A stabilityâ€indicating ultraâ€fast liquid chromatography method for the assay of the main flavonoids of Achyrocline satureioides (Marcela) in porcine skin layers and nanoemulsions. Phytochemical Analysis, 2020, 31, 905-914.	2.4	4
12	High lactobionic acid production by immobilized Zymomonas mobilis cells: a great step for large-scale process. Bioprocess and Biosystems Engineering, 2020, 43, 1265-1276.	3.4	11
13	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.	1.9	11
14	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.	2.7	21
15	Development, physico-chemical characterization and in-vitro studies of hydrogels containing rosmarinic acid-loaded nanoemulsion for topical application. Journal of Pharmacy and Pharmacology, 2019, 71, 1199-1208.	2.4	15
16	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.	4.2	5
17	Complexation of rosmarinic acid with hydroxypropyl-Î²-cyclodextrin and methyl-Î²-cyclodextrin: Formation of 2:1 complexes with improved antioxidant activity. Journal of Molecular Structure, 2019, 1195, 582-590.	3.6	24
18	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.	2.8	5

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19	Solid Dispersion of Kaempferol: Formulation Development, Characterization, and Oral Bioavailability Assessment. AAPS PharmSciTech, 2019, 20, 106.	3.3	31
20	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.	3.8	41
21	Semiâ€preparative isolation and purification of phenolic compounds from Achyrocline satureioides (Lam) D.C. by highâ€performance counterâ€current chromatography. Phytochemical Analysis, 2019, 30, 182-192.	2.4	15
22	Quercetin and 3-O-methylquercetin in vitro skin layers permeation/retention from hydrogels: why only a methoxy group difference determines different behaviors?. Journal of Pharmacy and Pharmacology, 2019, 71, 733-745.	2.4	5
23	Hydroxypropyl-Î²-cyclodextrin-containing hydrogel enhances skin formononetin permeation/retention. Journal of Pharmacy and Pharmacology, 2018, 70, 865-873.	2.4	11
24	Coumestrol/hydroxypropyl-Î²-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.	4.0	28
25	Anticancer activity of flavonoids isolated from Achyrocline satureioides in gliomas cell lines. Toxicology in Vitro, 2018, 51, 23-33.	2.4	39
26	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.	2.3	17
27	Topical Delivery of Coumestrol from Lipid Nanoemulsions Thickened with Hydroxyethylcellulose for Antiherpes Treatment. AAPS PharmSciTech, 2018, 19, 192-200.	3.3	23
28	Profile of pterostilbene-induced redox homeostasis modulation in cardiac myoblasts and heart tissue. Journal of Biosciences, 2018, 43, 931-940.	1.1	6
29	Stilbenoid pterostilbene complexed with cyclodextrin preserves left ventricular function after myocardial infarction in rats: possible involvement of thiol proteins and modulation of phosphorylated GSK-3Î². Free Radical Research, 2018, 52, 988-999.	3.3	24
30	Box-Behnken design optimization of mucoadhesive chitosan-coated nanoemulsions for rosmarinic acid nasal deliveryâ€"In vitro studies. Carbohydrate Polymers, 2018, 199, 572-582.	10.2	68
31	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.	2.4	8
32	Profile of pterostilbene-induced redox homeostasis modulation in cardiac myoblasts and heart tissue. Journal of Biosciences, 2018, 43, 931-940.	1.1	3
33	Pterostilbene reduces oxidative stress, prevents hypertrophy and preserves systolic function of right ventricle in cor pulmonale model. British Journal of Pharmacology, 2017, 174, 3302-3314.	5.4	35
34	Bioproduction and characterization of sodium, potassium, and calcium lactobionates. Quimica Nova, 2017, , .	0.3	3
35	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.	3.2	10
36	Effects of Achyrocline satureioides 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.	1.2	4

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37	The international scenario of patents concerning isoflavones. Trends in Food Science and Technology, 2016, 49, 85-95.	15.1	26
38	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.	2.3	8
39	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.	1.4	25
40	In Vitro 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
41	Ilex paraguariensis Pellets from a Spray-Dried Extract: Development, Characterization, and Stability. AAPS PharmSciTech, 2016, 17, 358-367.	3.3	3
42	Isolation of Achyrobichalcone from Achyrocline satureioides by High- Speed Countercurrent Chromatography. Current Pharmaceutical Biotechnology, 2015, 16, 66-71.	1.6	13
43	Antiherpes Activity and Skin/Mucosa Distribution of Flavonoids fromAchyrocline satureioidesExtract Incorporated into Topical Nanoemulsions. BioMed Research International, 2015, 2015, 1-7.	1.9	28
44	Antiherpes evaluation of soybean isoflavonoids. Archives of Virology, 2015, 160, 2335-2342.	2.1	23
45	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.	5.5	25
46	Bioactive soy isoflavones: extraction and purification procedures, potential dermal use and nanotechnology-based delivery systems. Phytochemistry Reviews, 2015, 14, 849-869.	6.5	35
47	Factorial design applied to the optimization of lipid composition of topical antiherpetic nanoemulsions containing isoflavone genistein. International Journal of Nanomedicine, 2014, 9, 4737.	6.7	23
48	Flavonoids from Achyrocline satureioides: promising biomolecules for anticancer therapy. RSC Advances, 2014, 4, 3131-3144.	3.6	37
49	Preventive supplementation with fresh and preserved peach attenuates CCl4-induced oxidative stress, inflammation and tissue damage. Journal of Nutritional Biochemistry, 2014, 25, 1282-1295.	4.2	17
50	Guarana (Paullinia cupana Mart.) Prevents Î²â€Amyloid Aggregation, Generation of Advanced Glycationâ€end Products (AGEs), and Acroleinâ€Induced Cytotoxicity on Human Neuronalâ€Like Cells. Phytotherapy Research, 2014, 28, 1615-1624.	5.8	27
51	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.	2.6	6
52	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.	5.2	24
53	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.	5.2	17
54	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.	0.5	18

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55	Multiple complexation of cyclodextrin with soy isoflavones present in an enriched fraction. Carbohydrate Polymers, 2013, 98, 726-735.	10.2	35
56	Identification of phenolic compounds in Equisetum giganteum by LCâ€“ESI-MS/MS and a new approach to total flavonoid quantification. Talanta, 2013, 105, 192-203.	5.5	80
57	Development, Optimisation and Validation of a Stabilityâ€Indicating HPLC Method of Achyrobichalcone Quantification using Experimental Designs. Phytochemical Analysis, 2013, 24, 193-200.	2.4	19
58	Effect of Aqueous Extract of Giant Horsetail (Equisetum giganteum L.) in Antigen-Induced Arthritis. Open Rheumatology Journal, 2013, 7, 129-133.	0.2	13
59	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.	1.4	6
60	Development of Topical Hydrogels Containing Genistein-Loaded Nanoemulsions. Journal of Biomedical Nanotechnology, 2012, 8, 330-336.	1.1	31
61	Optimization of headspace solid-phase microextraction for analysis of Î²-caryophyllene in a nanoemulsion dosage form prepared with copaiba (Copaifera multijuga Hayne) oil. Analytica Chimica Acta, 2012, 721, 79-84.	5.4	36
62	Physicochemical properties and thermal stability of quercetin hydrates in the solid state. Thermochimica Acta, 2012, 539, 109-114.	2.7	60
63	Technological Characterization and Stability of Ilex paraguariensis St. Hil. Aquifoliaceae (MatÃ©) Spray-Dried Powder. Journal of Medicinal Food, 2011, 14, 413-419.	1.5	21
64	Daidzein/cyclodextrin/hydrophilic polymer ternary systems. Drug Development and Industrial Pharmacy, 2011, 37, 886-893.	2.0	39
65	LC analysis of coumestrol incorporated into topical lipid nanoemulsions. Die Pharmazie, 2011, 66, 929-32.	0.5	5
66	Achyrocline satureioides (Lam.) DC., Asteraceae: development of granules from spray dried powder. Revista Brasileira De Farmacognosia, 2010, 20, 796-803.	1.4	7
67	Improvement of genistein content in solid genistein/-cyclodextrin complexes Î². Quimica Nova, 2010, 33, 587-590.	0.3	15
68	Quantification of Saponins in Extractive Solution of Mate Leaves (Ilex paraguariensisA. St. Hil.). Journal of Medicinal Food, 2010, 13, 439-443.	1.5	20
69	COMPARISON OF METHYLXANTHINE, PHENOLICS AND SAPONIN CONTENTS IN LEAVES, BRANCHES AND UNRIPE FRUITS FROM ILEX PARAGUARIENSIS A. ST.-HIL (MATE). Journal of Liquid Chromatography and Related Technologies, 2010, 33, 362-374.	1.0	21
70	Identification and stability of a new bichalcone in Achyrocline satureioides spray dried powder. Die Pharmazie, 2010, 65, 650-6.	0.5	6
71	Studies on coumestrol/Î²-cyclodextrin association: Inclusion complex characterization. International Journal of Pharmaceutics, 2009, 369, 5-11.	5.2	41
72	Quercetin/Î²-Cyclodextrin Solid Complexes Prepared in Aqueous Solution Followed by Spray-drying or by Physical Mixture. AAPS PharmSciTech, 2009, 10, 235-242.	3.3	78

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73	Development of topical nanoemulsions containing quercetin and 3-O-methylquercetin. Die Pharmazie, 2009, 64, 726-30.	0.5	22
74	Association of 3-O-methylquercetin with Î²-cyclodextrin: complex preparation, characterization and exÂvivo skin permeation studies. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 62, 149-159.	1.6	17
75	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.	1.4	35
76	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.	1.0	9
77	InfluÃªncia do mÃ©todo de extraÃ§Ã£o nos teores de metilxantinas em erva-mate (Ilex paraguariensis a.) Tj ETQq1 1 0.784314 rgBT /	0.3	26
78	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.	2.8	32
79	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.	5.3	54
80	HPLC method for the determination of ecdysterone in extractive solution from Pfaffia glomerata. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 450-453.	2.8	28
81	Characterization of different samples of quercetin in solid-state: indication of polymorphism occurrence. Die Pharmazie, 2006, 61, 802-4.	0.5	8
82	HPLC method to assay total saponins in Ilex paraguariensis aqueous extract. Journal of the Brazilian Chemical Society, 2005, 16, 723-725.	0.6	56
83	DegradaÃ§Ã£o e estabilizaÃ§Ã£o do diclofenaco em nanocÃ¡psulas polimÃ©ricas. Quimica Nova, 2004, 27, 555-560.	0.3	10
84	Bioavailability of carbamazepine:Î²-cyclodextrin complex in beagle dogs from hydroxypropylmethylcellulose matrix tablets. European Journal of Pharmaceutical Sciences, 2004, 22, 201-207.	4.0	29
85	Evaluation of the antiherpetic activity of standardized extracts ofAchyrocline satureioides. Phytotherapy Research, 2004, 18, 819-823.	5.8	44
86	Mathematical evaluation of in vitro release profiles of hydroxypropylmethylcellulose matrix tablets containing carbamazepine associated to Î²-cyclodextrin. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 58, 177-179.	4.3	46
87	Antioxidant, a pro-oxidant and cytotoxic effects of Achyrocline satureioides extracts. Life Sciences, 2004, 74, 2815-2826.	4.3	57
88	Carbamazepine/Î²CD/HPMC Solid Dispersions. I. Influence of the Spray-Drying Process and Î²CD/HPMC on the Drug Dissolution Profile. Drug Development and Industrial Pharmacy, 2003, 29, 139-144.	2.0	14
89	Carbamazepine/Î²CD/HPMC Solid Dispersions. II. Physical Characterization. Drug Development and Industrial Pharmacy, 2003, 29, 145-154.	2.0	22
90	Influence of Î²-cyclodextrin complexation on carbamazepine release from hydroxypropyl methylcellulose matrix tablets. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 55, 85-91.	4.3	54

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91	CNS activities of liquid and spray-dried extracts from Lippia albaâ€"Verbenaceae (Brazilian false) Tj ETQq1 1 0.784314 rgBT /Overlock	4.1	50
92	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.	2.8	59
93	Essential Oils from FourMikaniaSpecies (Asteraceae). Journal of Essential Oil Research, 2001, 13, 225-228.	2.7	10
94	Ofloxacin/Î²-Cyclodextrin Complexation. Drug Development and Industrial Pharmacy, 2001, 27, 533-540.	2.0	23
95	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.	0.5	14
96	Preparation and Characterization of Spray-Dried Polymeric Nanocapsules. Drug Development and Industrial Pharmacy, 2000, 26, 343-347.	2.0	50
97	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.	2.0	19
98	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.	2.0	18
99	Immunomodulatory effect ofAchyrocline satureioides (LAM.) D.C. aqueous extracts. , 1999, 13, 65-66.		19
100	Development of Ointment Formulations Prepared with Achyrocline satureioides Spray-Dried Extracts. Drug Development and Industrial Pharmacy, 1998, 24, 235-241.	2.0	21
101	Preparation and Characterization of Spray-dried Powders fromAchyrocline satureioides(Lam.) DC Extracts. , 1997, 11, 123-127.		26
102	Enhanced water-solubility of albendazole by hydroxypropyl-?-cyclodextrin complexation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1996, 25, 149-152.	1.6	10
103	Aromatic Plants from Brazil. II. The Chemical Composition of SomeEugeniaEssential Oils. Journal of Essential Oil Research, 1993, 5, 501-505.	2.7	51
104	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.	5.2	39
105	Influence of adjuvants on the in vitro dissolution of hydrochlorothiazide from hard gelatin capsules. International Journal of Pharmaceutics, 1991, 76, 49-53.	5.2	4
106	The Chemical Composition of SomeAchyrocline satureioidesandAchyrocline alataOils from Brazil. Journal of Essential Oil Research, 1991, 3, 317-321.	2.7	10
107	Preparation of a low-alcohol extract of Rosmarinus officinalis using a reverse osmosis membrane. International Journal of Pharmaceutics, 1990, 63, 57-63.	5.2	4