

Mario Jug

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,159
citations

331670

21
h-index

395702

33
g-index

48
all docs

48
docs citations

48
times ranked

1743
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of hydroxypropyl- β -cyclodextrin complexation on piroxicam release from buccoadhesive tablets. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 21, 251-260.	4.0	91
2	Analysis of triclosan inclusion complexes with β -cyclodextrin and its water-soluble polymeric derivative. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1030-1039.	2.8	73
3	An overview of in vitro dissolution/release methods for novel mucosal drug delivery systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 350-366.	2.8	65
4	Preparation and solid-state characterization of bupivacaine hydrochloride cyclodextrin complexes aimed for buccal delivery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 9-18.	2.8	60
5	Membrane of <i>Candida albicans</i> as a target of berberine. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 268.	3.7	58
6	Grinding as Solvent-Free Green Chemistry Approach for Cyclodextrin Inclusion Complex Preparation in the Solid State. <i>Pharmaceutics</i> , 2018, 10, 189.	4.5	56
7	Modulation of antioxidant, chelating and antimicrobial activity of poplar chemo-type propolis by extraction procures. <i>LWT - Food Science and Technology</i> , 2014, 57, 530-537.	5.2	53
8	Preparation of in situ hydrogels loaded with azelaic acid nanocrystals and their dermal application performance study. <i>International Journal of Pharmaceutics</i> , 2019, 563, 249-258.	5.2	51
9	Biopharmaceutical characterization of praziquantel cocrystals and cyclodextrin complexes prepared by grinding. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 137, 42-53.	2.8	50
10	Characterization of olive pomace extract obtained by cyclodextrin-enhanced pulsed ultrasound assisted extraction. <i>LWT - Food Science and Technology</i> , 2018, 92, 22-31.	5.2	50
11	Comparative analysis of binary and ternary cyclodextrin complexes with econazole nitrate in solution and in solid state. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 81-91.	2.8	44
12	Amidated pectin-based wafers for econazole buccal delivery: Formulation optimization and antimicrobial efficacy estimation. <i>Carbohydrate Polymers</i> , 2015, 121, 231-240.	10.2	35
13	Valorization of Olive Pomace-Based Nutraceuticals as Antioxidants in Chemical, Food, and Biological Models. <i>Molecules</i> , 2018, 23, 2070.	3.8	33
14	Characterization and microbiological evaluation of chitosan-alginate microspheres for cefixime vaginal administration. <i>Carbohydrate Polymers</i> , 2018, 192, 176-183.	10.2	32
15	Novel cyclodextrin-based film formulation intended for buccal delivery of atenolol. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 796-807.	2.0	30
16	Development of low methoxy amidated pectin-based mucoadhesive patches for buccal delivery of triclosan: Effect of cyclodextrin complexation. <i>Carbohydrate Polymers</i> , 2012, 90, 1794-1803.	10.2	30
17	Development of a Cyclodextrin-Based Nasal Delivery System for Lorazepam. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 817-826.	2.0	26
18	Development, characterisation and nasal deposition of melatonin-loaded pectin/hypromellose microspheres. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 141, 105115.	4.0	24

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19	Multicomponent Complexes of Piroxicam with Cyclodextrins and Hydroxypropyl Methylcellulose. Drug Development and Industrial Pharmacy, 2004, 30, 1051-1060.	2.0	23
20	Phase solubility, 1H NMR and molecular modelling studies of bupivacaine hydrochloride complexation with different cyclodextrin derivatives. Chemical Physics Letters, 2010, 500, 347-354.	2.6	21
21	Native and polymeric β -cyclodextrins in performance improvement of chitosan films aimed for buccal delivery of poorly soluble drugs. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 74, 87-97.	1.6	21
22	Cyclodextrin encapsulation of daidzein and genistein by grinding: implication on the glycosaminoglycan accumulation in mucopolysaccharidosis type II and III fibroblasts. Journal of Microencapsulation, 2018, 35, 1-12.	2.8	20
23	Comparative analysis of zaleplon complexation with cyclodextrins and hydrophilic polymers in solution and in solid state. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 35-44.	2.8	19
24	Lipid Nanoparticle Technology for Delivering Biologically Active Fatty Acids and Monoglycerides. International Journal of Molecular Sciences, 2021, 22, 9664.	4.1	18
25	Comparison of Maceration and Ultrasonication for Green Extraction of Phenolic Acids from Echinacea purpurea Aerial Parts. Molecules, 2020, 25, 5142.	3.8	16
26	Cyclodextrin-based Pickering emulsions: functional properties and drug delivery applications. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2021, 101, 31-50.	1.6	15
27	Influence of cyclodextrin complexation on piroxicam gel formulations. Acta Pharmaceutica, 2005, 55, 223-36.	2.0	14
28	The pH-dependent complexation between risperidone and hydroxypropyl- β -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 64, 163-171.	1.6	13
29	Stability and Structure of Inclusion Complexes of Zaleplon with Natural and Modified Cyclodextrins. Croatica Chemica Acta, 2011, 84, 169-178.	0.4	12
30	Therapeutic Potential of Hydroxypropyl- β -Cyclodextrin-Based Extract of Medicago sativa in the Treatment of Mucopolysaccharidoses. Planta Medica, 2017, 83, 40-50.	1.3	11
31	Plants from Urban Parks as Valuable Cosmetic Ingredients: Green Extraction, Chemical Composition and Activity. Agronomy, 2022, 12, 204.	3.0	11
32	Screening of Mucoadhesive Microparticles Containing Hydroxypropyl- Beta-Cyclodextrin for the Nasal Delivery of Risperidone. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 358-367.	1.1	10
33	Investigation of Praziquantel/Cyclodextrin Inclusion Complexation by NMR and LC-HRMS/MS: Mechanism, Solubility, Chemical Stability, and Degradation Products. Molecular Pharmaceutics, 2021, 18, 4210-4223.	4.6	10
34	Development of Eudragit® S100 based pH-responsive microspheres of zaleplon by spray-drying: Tailoring the drug release properties. Powder Technology, 2015, 283, 334-343.	4.2	9
35	Antioxidant and Bioadhesive Properties of Onions (<i>Allium</i> L., Alliaceae) Processed Under Acidic Conditions. International Journal of Food Properties, 2011, 14, 92-101.	3.0	8
36	In vitro dissolution/release methods for mucosal delivery systems. ADMET and DMPK, 2017, 5, 173.	2.1	7

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37	The Influence of Extraction Parameters on Antimicrobial Activity of Propolis Extracts. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	7
38	Zaleplon co-ground complexes with natural and polymeric β -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 353-362.	1.6	6
39	Optimization of Ultrasound-Assisted Extraction of Phenolic Antioxidants from <i>Lotus corniculatus</i> . <i>Croatica Chemica Acta</i> , 2019, 92, 369-377.	0.4	6
40	Co-grinding with surfactants as a new approach to enhance in vitro dissolution of praziquantel. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113494.	2.8	6
41	Multi-response Optimization of Ultrasound-assisted Extraction of Bioactive Components from <i>Medicago Sativa L.</i> <i>Croatica Chemica Acta</i> , 2017, 90, .	0.4	4
42	Thermodynamic study of inclusion complexes of zaleplon with natural and modified cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 79, 391-400.	1.6	3
43	Development of cyclodextrin-based extract of <i>Lotus corniculatus</i> as a potential substrate reduction therapy in mucopolysaccharidoses type III. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018, 92, 369-379.	1.6	3
44	Cyclodextrin-based drug delivery systems. , 2020, , 29-69.		3
45	Cytoprotectivity of plant extracts on doxorubicin and irinotecan-treated human peripheral blood lymphocytes. <i>Planta Medica</i> , 2007, 73, .	1.3	2
46	Mucoadhesive and antioxidant activity of low-thiosulfinate <i>Allium</i> extracts. <i>Planta Medica</i> , 2008, 74, .	1.3	0
47	Optimization of ultrasonication assisted extraction of bioactive components from <i>Medicago sativa</i> : Influence of extraction solvent, temperature and pH. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
48	Glycerol extracts of <i>Glycyrrhiza glabra</i> , <i>Echinacea purpurea</i> , <i>Silybum marianum</i> and <i>Berberis vulgaris</i> : chemical characterisation and cosmeceutical potential. , 2019, 85, .		0