

Ana R Figueiras

List of Publications by Year in descending order

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65
papers

2,064
citations

236612

25
h-index

243296

44
g-index

66
all docs

66
docs citations

66
times ranked

3162
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrimers as Pharmaceutical Excipients: Synthesis, Properties, Toxicity and Biomedical Applications. <i>Materials</i> , 2020, 13, 65.	1.3	177
2	The systems containing clays and clay minerals from modified drug release: A review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 642-651.	2.5	170
3	Solid-state characterization and dissolution profiles of the inclusion complexes of omeprazole with native and chemically modified β -cyclodextrin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 531-539.	2.0	113
4	Poloxamers, poloxamines and polymeric micelles: Definition, structure and therapeutic applications in cancer. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	100
5	Polymeric micelles for oral drug administration enabling locoregional and systemic treatments. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 297-318.	2.4	90
6	Nanotechnology-based formulations for resveratrol delivery: Effects on resveratrol in vivo bioavailability and bioactivity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 127-140.	2.5	82
7	Recombinant pre-miR-29b for Alzheimer's disease therapeutics. <i>Scientific Reports</i> , 2016, 6, 19946.	1.6	79
8	Strategies to improve the solubility and stability of stilbene antioxidants: A comparative study between cyclodextrins and bile acids. <i>Food Chemistry</i> , 2014, 145, 115-125.	4.2	77
9	Preparation and Solid-State Characterization of Inclusion Complexes Formed Between Miconazole and Methyl- β -Cyclodextrin. <i>AAPS PharmSciTech</i> , 2008, 9, 1102-1109.	1.5	76
10	Interaction of Omeprazole with a Methylated Derivative of β -Cyclodextrin: Phase Solubility, NMR Spectroscopy and Molecular Simulation. <i>Pharmaceutical Research</i> , 2007, 24, 377-389.	1.7	68
11	Resveratrol encapsulation with methyl- β -cyclodextrin for antibacterial and antioxidant delivery applications. <i>LWT - Food Science and Technology</i> , 2015, 63, 1254-1260.	2.5	63
12	Where Is Nano Today and Where Is It Headed? A Review of Nanomedicine and the Dilemma of Nanotoxicology. <i>ACS Nano</i> , 2022, 16, 9994-10041.	7.3	62
13	Nanocarriers for resveratrol delivery: Impact on stability and solubility concerns. <i>Trends in Food Science and Technology</i> , 2019, 91, 483-497.	7.8	49
14	Pluronic-based nanovehicles: Recent advances in anticancer therapeutic applications. <i>European Journal of Medicinal Chemistry</i> , 2020, 206, 112526.	2.6	45
15	In vitro evaluation of natural and methylated cyclodextrins as buccal permeation enhancing system for omeprazole delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 339-345.	2.0	43
16	Micelleplexes as nucleic acid delivery systems for cancer-targeted therapies. <i>Journal of Controlled Release</i> , 2020, 323, 442-462.	4.8	41
17	Preparation and physicochemical characterization of omeprazole:methyl-beta-cyclodextrin inclusion complex in solid state. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 173-177.	1.6	38
18	Methyl- β -cyclodextrin Inclusion Complex with β -Caryophyllene: Preparation, Characterization, and Improvement of Pharmacological Activities. <i>ACS Omega</i> , 2017, 2, 9080-9094.	1.6	36

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19	Supramolecular gels of poly- β -cyclodextrin and PEO-based copolymers for controlled drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 579-588.	2.0	35
20	A Tutorial for Developing a Topical Cream Formulation Based on the Quality by Design Approach. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2653-2662.	1.6	35
21	The Role of L-arginine in Inclusion Complexes of Omeprazole with Cyclodextrins. <i>AAPS PharmSciTech</i> , 2010, 11, 233-240.	1.5	33
22	Characterization of polyplexes involving small RNA. <i>Journal of Colloid and Interface Science</i> , 2012, 387, 84-94.	5.0	32
23	Purification of pre-miR-29 by arginine-affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 951-952, 16-23.	1.2	32
24	A practical framework for implementing Quality by Design to the development of topical drug products: Nanosystem-based dosage forms. <i>International Journal of Pharmaceutics</i> , 2018, 548, 385-399.	2.6	31
25	The main potentialities of resveratrol for drug delivery systems. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 499-513.	1.2	29
26	Current progress on microRNAs-based therapeutics in neurodegenerative diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1409.	3.2	26
27	Smart micelleplexes as a new therapeutic approach for RNA delivery. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 353-371.	2.4	24
28	miR-145-loaded micelleplexes as a novel therapeutic strategy to inhibit proliferation and migration of osteosarcoma cells. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 28-42.	1.9	24
29	Targeting Cancer Via Resveratrol-Loaded Nanoparticles Administration: Focusing on In Vivo Evidence. <i>AAPS Journal</i> , 2019, 21, 57.	2.2	24
30	Nanomedicine in osteosarcoma therapy: Micelleplexes for delivery of nucleic acids and drugs toward osteosarcoma-targeted therapies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 148, 88-106.	2.0	21
31	Multifunctional polymeric micelle-based nucleic acid delivery: Current advances and future perspectives. <i>Applied Materials Today</i> , 2021, 25, 101217.	2.3	21
32	Polymeric Micelles: A Promising Pathway for Dermal Drug Delivery. <i>Materials</i> , 2021, 14, 7278.	1.3	21
33	β -caryophyllene Delivery Systems: Enhancing the Oral Pharmacokinetic and Stability. <i>Current Pharmaceutical Design</i> , 2018, 24, 3440-3453.	0.9	20
34	Microwave synthesis and in vitro stability of diclofenac- β -cyclodextrin conjugate for colon delivery. <i>Carbohydrate Polymers</i> , 2013, 93, 512-517.	5.1	18
35	Nanotheranostic Pluronic-Like Polymeric Micelles: Shedding Light into the Dark Shadows of Tumors. <i>Molecular Pharmaceutics</i> , 2019, 16, 4757-4774.	2.3	18
36	Advances in time course extracellular production of human pre-miR-29b from <i>Rhodovulum sulfidophilum</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 3723-3734.	1.7	17

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37	New insights for therapeutic recombinant human miRNAs heterologous production: <i>Rhodovulum sulfidophilum</i> vs <i>Escherichia coli</i> . <i>Bioengineered</i> , 2017, 8, 670-677.	1.4	16
38	A Comprehensive Development Strategy in Buccal Drug Delivery. <i>AAPS PharmSciTech</i> , 2010, 11, 1703-1712.	1.5	15
39	RNAi-based therapeutics for lung cancer: biomarkers, microRNAs, and nanocarriers. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 965-982.	2.4	15
40	Micelleplex-based nucleic acid therapeutics: From targeted stimuli-responsiveness to nanotoxicity and regulation. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 153, 105461.	1.9	15
41	New approach for purification of pre-miR-29 using lysine-affinity chromatography. <i>Journal of Chromatography A</i> , 2014, 1331, 129-132.	1.8	12
42	Affinity approaches in RNAi-based therapeutics purification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 45-56.	1.2	12
43	The potential of micelleplexes as a therapeutic strategy for osteosarcoma disease. <i>3 Biotech</i> , 2020, 10, 147.	1.1	12
44	miR-29b and retinoic acid co-delivery: a promising tool to induce a synergistic antitumoral effect in non-small cell lung cancer cells. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1367-1380.	3.0	11
45	Molecular interaction governing solubility and release profiles in supramolecular systems containing fenbufen, pluronics and cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 81, 395-407.	0.9	10
46	Evaluation of host-guest complex formation between a benzimidazolic derivative and cyclodextrins by UV-VIS spectrophotometry and differential scanning calorimetry. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 531-535.	1.6	9
47	Pharmaceutical-grade pre-miR-29 purification using an agmatine monolithic support. <i>Journal of Chromatography A</i> , 2014, 1368, 173-182.	1.8	9
48	Combining strategies to optimize a gel formulation containing miconazole: the influence of modified cyclodextrin on textural properties and drug release. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 705-714.	0.9	7
49	An Overview of Exosomes in Cancer Therapy: A Small Solution to a Big Problem. <i>Processes</i> , 2020, 8, 1561.	1.3	7
50	Smart micelleplexes. , 2018, , 257-291.		6
51	Osteosarcoma from the unknown to the use of exosomes as a versatile and dynamic therapeutic approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 170, 91-111.	2.0	6
52	Biodegradable polymeric nanostructures: design and advances in oral drug delivery for neurodegenerative disorders. , 2017, , 61-86.		5
53	Polymeric micelles as a versatile tool in oral chemotherapy. , 2018, , 293-329.		4
54	Recent advances in peptide-targeted micelleplexes: Current developments and future perspectives. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120362.	2.6	4

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55	Mucoadhesive Buccal Systems as a Novel Strategy for Anti-Inflammatory Drugs Administration. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2011, 10, 190-202.	1.1	4
56	Analysis of pre-miR-29b binding conditions to amino acids by using a surface plasmon resonance biosensor. Analytical Methods, 2016, 8, 205-213.	1.3	3
57	Preparation and Characterization of Mixed Polymeric Micelles as a Versatile Strategy for Meloxicam Oral Administration. Letters in Drug Design and Discovery, 2017, 14, .	0.4	3
58	Preparation of Supramolecular Hydrogels Containing Poloxamers and Methyl-β-cyclodextrin. Letters in Drug Design and Discovery, 2014, 11, 922-929.	0.4	3
59	New insight into the discrimination between omeprazole enantiomers by cyclodextrins in aqueous solution. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 62, 345-351.	1.6	2
60	Cellulose-Based Hydrogels in Topical Drug Delivery: A Challenge in Medical Devices. Polymers and Polymeric Composites, 2019, , 1205-1233.	0.6	2
61	Cellulose-Based Hydrogels in Topical Drug Delivery: A Challenge in Medical Devices. Polymers and Polymeric Composites, 2018, , 1-29.	0.6	1
62	Micelleplexes: A Promising Nanocarrier for the Transport of Genetic Material and Drugs. , 2020, , 267-287.		1
63	Development and Characterization of a Novel Mixed Polymeric Micelle as a Potential Therapeutic Strategy for Osteosarcoma. Proceedings (mdpi), 2020, 78, .	0.2	0
64	Synthesis and Characterization of a Novel Nanomicellar System Pluronic-PEI Suitable for Gene and Drug Co-Delivery in Cancer Therapy. Proceedings (mdpi), 2021, 78, 36.	0.2	0
65	Polymeric and metal nanostructures for bone regeneration and osteomyelitis treatment. , 2022, , 605-644.		0