

# Ana R Figueiras

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Polymeric and metal nanostructures for bone regeneration and osteomyelitis treatment. , 2022, , 605-644.		0
4	Recent advances in peptide-targeted micelleplexes: Current developments and future perspectives. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120362.	2.6	4
5	Multifunctional polymeric micelle-based nucleic acid delivery: Current advances and future perspectives. <i>Applied Materials Today</i> , 2021, 25, 101217.	2.3	21
6	Synthesis and Characterization of a Novel Nanomicellar System Pluronic-PEI Suitable for Gene and Drug Co-Delivery in Cancer Therapy. <i>Proceedings (mdpi)</i> , 2021, 78, 36.	0.2	0
7	Polymeric Micelles: A Promising Pathway for Dermal Drug Delivery. <i>Materials</i> , 2021, 14, 7278.	1.3	21
8	Dendrimers as Pharmaceutical Excipients: Synthesis, Properties, Toxicity and Biomedical Applications. <i>Materials</i> , 2020, 13, 65.	1.3	177
9	Pluronic-based nanovehicles: Recent advances in anticancer therapeutic applications. <i>European Journal of Medicinal Chemistry</i> , 2020, 206, 112526.	2.6	45
10	An Overview of Exosomes in Cancer Therapy: A Small Solution to a Big Problem. <i>Processes</i> , 2020, 8, 1561.	1.3	7
11	Micelleplexes: A Promising Nanocarrier for the Transport of Genetic Material and Drugs. , 2020, , 267-287.		1
12	The potential of micelleplexes as a therapeutic strategy for osteosarcoma disease. <i>3 Biotech</i> , 2020, 10, 147.	1.1	12
13	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
14	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
15	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
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	Development and Characterization of a Novel Mixed Polymeric Micelle as a Potential Therapeutic Strategy for Osteosarcoma. <i>Proceedings (mdpi)</i> , 2020, 78, .	0.2	0
18	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

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19	Nanotheranostic Pluronic-Like Polymeric Micelles: Shedding Light into the Dark Shadows of Tumors. <i>Molecular Pharmaceutics</i> , 2019, 16, 4757-4774.	2.3	18
20	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
21	Targeting Cancer Via Resveratrol-Loaded Nanoparticles Administration: Focusing on In Vivo Evidence. <i>AAPS Journal</i> , 2019, 21, 57.	2.2	24
22	Cellulose-Based Hydrogels in Topical Drug Delivery: A Challenge in Medical Devices. <i>Polymers and Polymeric Composites</i> , 2019, , 1205-1233.	0.6	2
23	Poloxamers, poloxamines and polymeric micelles: Definition, structure and therapeutic applications in cancer. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	100
24	RNAi-based therapeutics for lung cancer: biomarkers, microRNAs, and nanocarriers. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 965-982.	2.4	15
25	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
26	Polymeric micelles as a versatile tool in oral chemotherapy. , 2018, , 293-329.		4
27	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
28	Cellulose-Based Hydrogels in Topical Drug Delivery: A Challenge in Medical Devices. <i>Polymers and Polymeric Composites</i> , 2018, , 1-29.	0.6	1
29	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
30	Smart micelleplexes. , 2018, , 257-291.		6
31	Î <sup>2</sup> -caryophyllene Delivery Systems: Enhancing the Oral Pharmacokinetic and Stability. <i>Current Pharmaceutical Design</i> , 2018, 24, 3440-3453.	0.9	20
32	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
33	Smart micelleplexes as a new therapeutic approach for RNA delivery. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 353-371.	2.4	24
34	Current progress on microRNAs-based therapeutics in neurodegenerative diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1409.	3.2	26
35	Methyl-Î <sup>2</sup> -cyclodextrin Inclusion Complex with Î <sup>2</sup> -Caryophyllene: Preparation, Characterization, and Improvement of Pharmacological Activities. <i>ACS Omega</i> , 2017, 2, 9080-9094.	1.6	36
36	Biodegradable polymeric nanostructures: design and advances in oral drug delivery for neurodegenerative disorders. , 2017, , 61-86.		5

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37	Preparation and Characterization of Mixed Polymeric Micelles as a Versatile Strategy for Meloxicam Oral Administration. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	3
38	Recombinant pre-miR-29b for Alzheimer's disease therapeutics. <i>Scientific Reports</i> , 2016, 6, 19946.	1.6	79
39	Analysis of pre-miR-29b binding conditions to amino acids by using a surface plasmon resonance biosensor. <i>Analytical Methods</i> , 2016, 8, 205-213.	1.3	3
40	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
41	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
42	The main potentialities of resveratrol for drug delivery systems. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 499-513.	1.2	29
43	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
44	Resveratrol encapsulation with methyl- $\beta$ -cyclodextrin for antibacterial and antioxidant delivery applications. <i>LWT - Food Science and Technology</i> , 2015, 63, 1254-1260.	2.5	63
45	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
46	Pharmaceutical-grade pre-miR-29 purification using an agmatine monolithic support. <i>Journal of Chromatography A</i> , 2014, 1368, 173-182.	1.8	9
47	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
48	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
49	Supramolecular gels of poly- $\beta$ -cyclodextrin and PEO-based copolymers for controlled drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 579-588.	2.0	35
50	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
51	Preparation of Supramolecular Hydrogels Containing Poloxamers and Methyl- $\beta$ -cyclodextrin. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 922-929.	0.4	3
52	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
53	Microwave synthesis and in vitro stability of diclofenac- $\beta$ -cyclodextrin conjugate for colon delivery. <i>Carbohydrate Polymers</i> , 2013, 93, 512-517.	5.1	18
54	Characterization of polyplexes involving small RNA. <i>Journal of Colloid and Interface Science</i> , 2012, 387, 84-94.	5.0	32

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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	The Role of L-arginine in Inclusion Complexes of Omeprazole with Cyclodextrins. AAPS PharmSciTech, 2010, 11, 233-240.	1.5	33
57	A Comprehensive Development Strategy in Buccal Drug Delivery. AAPS PharmSciTech, 2010, 11, 1703-1712.	1.5	15
58	Combining strategies to optimize a gel formulation containing miconazole: the influence of modified cyclodextrin on textural properties and drug release. Drug Development and Industrial Pharmacy, 2010, 36, 705-714.	0.9	7
59	In vitro evaluation of natural and methylated cyclodextrins as buccal permeation enhancing system for omeprazole delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 339-345.	2.0	43
60	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
61	Preparation and Solid-State Characterization of Inclusion Complexes Formed Between Miconazole and Methyl- $\beta$ -Cyclodextrin. AAPS PharmSciTech, 2008, 9, 1102-1109.	1.5	76
62	Solid-state characterization and dissolution profiles of the inclusion complexes of omeprazole with native and chemically modified $\beta$ -cyclodextrin. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 67, 531-539.	2.0	113
63	Interaction of Omeprazole with a Methylated Derivative of $\beta$ -Cyclodextrin: Phase Solubility, NMR Spectroscopy and Molecular Simulation. Pharmaceutical Research, 2007, 24, 377-389.	1.7	68
64	Preparation and physicochemical characterization of omeprazole:methyl-beta-cyclodextrin inclusion complex in solid state. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 173-177.	1.6	38
65	Evaluation of host-guest complex formation between a benzimidazolic derivative and cyclodextrins by UV-VIS spectrophotometry and differential scanning calorimetry. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 531-535.	1.6	9