

Alejandro J Paredes

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,207
citations

361413

20
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Microneedle array systems for long-acting drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 159, 44-76.	4.3	137
2	Dissolving microneedle-mediated dermal delivery of itraconazole nanocrystals for improved treatment of cutaneous candidiasis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 50-61.	4.3	108
3	Study of the preparation process and variation of wall components in chia (<i>Salvia hispanica</i> L.) oil microencapsulation. <i>Powder Technology</i> , 2016, 301, 868-875.	4.2	73
4	Selective delivery of silver nanoparticles for improved treatment of biofilm skin infection using bacteria-responsive microparticles loaded into dissolving microneedles. <i>Materials Science and Engineering C</i> , 2021, 120, 111786.	7.3	69
5	Nanocrystals as a master key to deliver hydrophobic drugs via multiple administration routes. <i>Journal of Controlled Release</i> , 2022, 345, 334-353.	9.9	55
6	Ricobendazole nanocrystals obtained by media milling and spray drying: Pharmacokinetic comparison with the micronized form of the drug. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119501.	5.2	46
7	Self-dispersible nanocrystals of albendazole produced by high pressure homogenization and spray-drying. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1564-1570.	2.0	45
8	Antioxidant Stability Study of Oregano Essential Oil Microcapsules Prepared by Spray-Drying. <i>Journal of Food Science</i> , 2017, 82, 2864-2872.	3.1	45
9	Artemether and lumefantrine dissolving microneedle patches with improved pharmacokinetic performance and antimalarial efficacy in mice infected with <i>Plasmodium yoelii</i> . <i>Journal of Controlled Release</i> , 2021, 333, 298-315.	9.9	45
10	Microarray patches: Breaking down the barriers to contraceptive care and HIV prevention for women across the globe. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 331-348.	13.7	43
11	Microarray Patches: Poking a Hole in the Challenges Faced When Delivering Poorly Soluble Drugs. <i>Advanced Functional Materials</i> , 2021, 31, 2005792.	14.9	42
12	Albendazole Nanocrystal-Based Dissolving Microneedles with Improved Pharmacokinetic Performance for Enhanced Treatment of Cystic Echinococcosis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38745-38760.	8.0	39
13	Novel tip-loaded dissolving and implantable microneedle array patches for sustained release of finasteride. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120885.	5.2	39
14	The role of microneedle arrays in drug delivery and patient monitoring to prevent diabetes induced fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113825.	13.7	36
15	Controlled release and antioxidant activity of chitosan or its glucosamine water-soluble derivative microcapsules loaded with quercetin. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 399-404.	7.5	32
16	Formulation, spray-drying and physicochemical characterization of functional powders loaded with chia seed oil and prepared by complex coacervation. <i>Powder Technology</i> , 2021, 391, 479-493.	4.2	32
17	Albendazole nanocrystals in experimental alveolar echinococcosis: Enhanced chemoprophylactic and clinical efficacy in infected mice. <i>Veterinary Parasitology</i> , 2018, 251, 78-84.	1.8	31
18	Hydrogel-forming microarray patches with cyclodextrin drug reservoirs for long-acting delivery of poorly soluble cabotegravir sodium for HIV Pre-Exposure Prophylaxis. <i>Journal of Controlled Release</i> , 2022, 348, 771-785.	9.9	27

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19	Nanocrystal-based 3D-printed tablets: Semi-solid extrusion using melting solidification printing process (MESO-PP) for oral administration of poorly soluble drugs. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121311.	5.2	25
20	3D-printed implantable devices with biodegradable rate-controlling membrane for sustained delivery of hydrophobic drugs. <i>Drug Delivery</i> , 2022, 29, 1038-1048.	5.7	25
21	Albendazole nanocrystals with improved pharmacokinetic performance in mice. <i>Therapeutic Delivery</i> , 2018, 9, 89-97.	2.2	22
22	A nanocrystal-based formulation improves the pharmacokinetic performance and therapeutic response of albendazole in dogs. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 70, 51-58.	2.4	21
23	Nanocrystals of Novel Valerolactam-Fenbendazole Hybrid with Improved in vitro Dissolution Performance. <i>AAPS PharmSciTech</i> , 2020, 21, 237.	3.3	20
24	Development and <i>in vitro</i> evaluation of solid dispersions as strategy to improve albendazole biopharmaceutical behavior. <i>Therapeutic Delivery</i> , 2018, 9, 623-638.	2.2	19
25	Nanosuspension-loaded dissolving bilayer microneedles for hydrophobic drug delivery to the posterior segment of the eye. , 2022, 137, 212767.		19
26	pH-responsive casein-based films and their application as functional coatings in solid dosage formulations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 541, 1-9.	4.7	18
27	A Natural Peanut Edible Coating Enhances the Chemical and Sensory Stability of Roasted Peanuts. <i>Journal of Food Science</i> , 2019, 84, 1529-1537.	3.1	17
28	Development of solid self-emulsifying drug delivery systems (SEDDS) to improve the solubility of resveratrol. <i>Therapeutic Delivery</i> , 2019, 10, 626-641.	2.2	17
29	Self-dispersible nanocrystals of azoxystrobin and cyproconazole with increased efficacy against soilborne fungal pathogens isolated from peanut crops. <i>Powder Technology</i> , 2020, 372, 455-465.	4.2	13
30	HPLC-MS method for simultaneous quantification of the antiretroviral agents rilpivirine and cabotegravir in rat plasma and tissues. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114698.	2.8	13
31	Systemic delivery of tenofovir alafenamide using dissolving and implantable microneedle patches. <i>Materials Today Bio</i> , 2022, 13, 100217.	5.5	11
32	Nanodiamond Integration into Niosomes as an Emerging and Efficient Gene Therapy Nanoplatfom for Central Nervous System Diseases. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13665-13677.	8.0	11
33	Novel transdermal bioadhesive surfactant-based system for release and solubility improvement of antimalarial drugs artemether-lumefantrine. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 065015.	3.3	6
34	Improving the in vitro dissolution rate and pharmacokinetic performance of fenbendazole in sheep using drug nanocrystals. <i>Research in Veterinary Science</i> , 2022, 142, 110-116.	1.9	3
35	3D-Printed Nanocrystals for Oral Administration of the Drugs. , 2021, , 109-133.		2
36	Manufacturing Techniques for Nanoparticles in Drug Delivery. , 2021, , 23-48.		1