

Roberto Ruiz-Caro

List of Publications by Year in descending order

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papers

991
citations

430754

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434063

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g-index

37
all docs

37
docs citations

37
times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	Bigels as drug delivery systems: From their components to their applications. Drug Discovery Today, 2022, 27, 1008-1026.	3.2	36
2	Applications of Chitosan in Surgical and Post-Surgical Materials. Marine Drugs, 2022, 20, 396.	2.2	15
3	Development of pH-sensitive vaginal films based on methacrylate copolymers for topical HIV-1 pre-exposure prophylaxis. Acta Biomaterialia, 2021, 121, 316-327.	4.1	19
4	COVID-19 y virtualización de la docencia universitaria: caso práctico de la asignatura de gestión farmacéutica avanzada. Revista Iberoamericana De Tecnología En Educación Y Educación En Tecnología, 2021, , e17.	0.1	1
5	Smart vaginal bilayer films of Tenofovir based on Eudragit® L100/natural polymer for the prevention of the sexual transmission of HIV. International Journal of Pharmaceutics, 2021, 602, 120665.	2.6	9
6	Naturally Occurring Polyelectrolytes and Their Use for the Development of Complex-Based Mucoadhesive Drug Delivery Systems: An Overview. Polymers, 2021, 13, 2241.	2.0	35
7	Recent advances in electrospun nanofiber vaginal formulations for women's sexual and reproductive health. International Journal of Pharmaceutics, 2021, 607, 121040.	2.6	8
8	Influence of Plasticizers on the pH-Dependent Drug Release and Cellular Interactions of Hydroxypropyl Methylcellulose/Zein Vaginal Anti-HIV Films Containing Tenofovir. Biomacromolecules, 2021, 22, 938-948.	2.6	7
9	Vaginal Polyelectrolyte Layer-by-Layer Films Based on Chitosan Derivatives and Eudragit® S100 for pH Responsive Release of Tenofovir. Marine Drugs, 2020, 18, 44.	2.2	32
10	Design, fabrication and characterisation of drug-loaded vaginal films: State-of-the-art. Journal of Controlled Release, 2020, 327, 477-499.	4.8	34
11	Carrageenan: Drug Delivery Systems and Other Biomedical Applications. Marine Drugs, 2020, 18, 583.	2.2	166
12	Amino Functionalized Micro-Mesoporous Hybrid Particles for the Sustained Release of the Antiretroviral Drug Tenofovir. Materials, 2020, 13, 3494.	1.3	6
13	Carrageenan-Based Acyclovir Mucoadhesive Vaginal Tablets for Prevention of Genital Herpes. Marine Drugs, 2020, 18, 249.	2.2	23
14	Development and <i>In Vitro</i> / <i>Ex Vivo</i> Characterization of Vaginal Mucoadhesive Bilayer Films Based on Ethylcellulose and Biopolymers for Vaginal Sustained Release of Tenofovir. Biomacromolecules, 2020, 21, 2309-2319.	2.6	32
15	Mucoadhesive Vaginal Discs based on Cyclodextrin and Surfactants for the Controlled Release of Antiretroviral Drugs to Prevent the Sexual Transmission of HIV. Pharmaceutics, 2020, 12, 321.	2.0	9
16	GAMIFICATION AND PLAYERS PROFILING AS AN EDUCATIONAL STRATEGY WITHIN PHARMACEUTICAL TECHNOLOGY. INTED Proceedings, 2020, , .	0.0	1
17	CAN WE LEARN PHARMACEUTICAL TECHNOLOGY PLAYING?. INTED Proceedings, 2020, , .	0.0	0
18	Development of mucoadhesive vaginal films based on HPMC and zein as novel formulations to prevent sexual transmission of HIV. International Journal of Pharmaceutics, 2019, 570, 118643.	2.6	34

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19	Smart Freeze-Dried Bigels for the Prevention of the Sexual Transmission of HIV by Accelerating the Vaginal Release of Tenofovir during Intercourse. <i>Pharmaceutics</i> , 2019, 11, 232.	2.0	35
20	Dapivirine Bioadhesive Vaginal Tablets Based on Natural Polymers for the Prevention of Sexual Transmission of HIV. <i>Polymers</i> , 2019, 11, 483.	2.0	14
21	Tenofovir Hot-Melt Granulation using Gelucire® to Develop Sustained-Release Vaginal Systems for Weekly Protection against Sexual Transmission of HIV. <i>Pharmaceutics</i> , 2019, 11, 137.	2.0	17
22	Chitosan-Based Mucoadhesive Vaginal Tablets for Controlled Release of the Anti-HIV Drug Tenofovir. <i>Pharmaceutics</i> , 2019, 11, 20.	2.0	37
23	Freeze-dried bioadhesive vaginal bigels for controlled release of Tenofovir. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 38-51.	1.9	23
24	Improvement of Tenofovir vaginal release from hydrophilic matrices through drug granulation with hydrophobic polymers. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 204-215.	1.9	16
25	Optimization of tenofovir release from mucoadhesive vaginal tablets by polymer combination to prevent sexual transmission of HIV. <i>Carbohydrate Polymers</i> , 2018, 179, 305-316.	5.1	37
26	Polymer Gels in Vaginal Drug Delivery Systems. <i>Gels Horizons: From Science To Smart Materials</i> , 2018, , 197-246.	0.3	4
27	Historical development of vaginal microbicides to prevent sexual transmission of HIV in women: from past failures to future hopes. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1767-1787.	2.0	54
28	Influence of Chitosan Swelling Behaviour on Controlled Release of Tenofovir from Mucoadhesive Vaginal Systems for Prevention of Sexual Transmission of HIV. <i>Marine Drugs</i> , 2017, 15, 50.	2.2	47
29	ICT COMPETENCES AS TRANSVERSAL COMPETENCES IN THE PHARMACY DEGREE TEACHING FIELD. <i>INTED Proceedings</i> , 2017, , .	0.0	0
30	Chemical oxidation of silicon oxycarbide ceramics for advanced drug delivery systems. <i>Journal of Materials Science</i> , 2016, 51, 1382-1391.	1.7	10
31	Chitosan and Kappa-Carrageenan Vaginal Acyclovir Formulations for Prevention of Genital Herpes. In <i>Vitro and Ex Vivo Evaluation</i> . <i>Marine Drugs</i> , 2015, 13, 5976-5992.	2.2	47
32	Mesoporous silicon oxycarbide materials for controlled drug delivery systems. <i>Chemical Engineering Journal</i> , 2015, 280, 165-174.	6.6	37
33	Pectin/anhydrous dibasic calcium phosphate matrix tablets for in vitro controlled release of water-soluble drug. <i>International Journal of Pharmaceutics</i> , 2015, 494, 235-243.	2.6	15
34	Mucoadhesive Tablets for Controlled Release of Acyclovir. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 1249-1257.	0.6	18
35	Matrix Tablets: The Effect of Hydroxypropyl Methylcellulose/Anhydrous Dibasic Calcium Phosphate Ratio on the Release Rate of a Water-Soluble Drug Through the Gastrointestinal Tract I. In <i>Vitro Tests</i> . <i>AAPS PharmSciTech</i> , 2012, 13, 1073-1083.	1.5	47
36	In vitro Evaluation of Acyclovir/Chitosan Floating Systems. <i>Materials</i> , 2010, 3, 5195-5211.	1.3	7

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37	Characterization and Dissolution Study of Chitosan Freeze-Dried Systems for Drug Controlled Release. <i>Molecules</i> , 2009, 14, 4370-4386.	1.7	59