

Pilar PÃ©rez-Lozano

List of Publications by Year in descending order

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35
papers

863
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516710

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36
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Analysis of Hydration Mechanism in Sodium Alginate Matrix Tablets. <i>Materials</i> , 2021, 14, 646.	2.9	5
2	Excipients in the Paediatric Population: A Review. <i>Pharmaceutics</i> , 2021, 13, 387.	4.5	51
3	Trends in the food and sports nutrition industry: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2405-2421.	10.3	60
4	Formulation of Direct Compression Zidovudine Tablets to Correlate the SeDeM Diagram Expert System and the Rotary Press Simulator Stylâ€™ONE Results. <i>AAPS PharmSciTech</i> , 2020, 21, 1.	3.3	123
5	3D printed gummies: Personalized drug dosage in a safe and appealing way. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119687.	5.2	51
6	Formulation of Sustained Release Hydrophilic Matrix Tablets of Tolcapone with the Application of Sedem Diagram: Influence of Tolcaponeâ€™s Particle Size on Sustained Release. <i>Pharmaceutics</i> , 2020, 12, 674.	4.5	17
7	Robustness Optimization of an Existing Tablet Coating Process Applying Retrospective Knowledge (rQbD) and Validation. <i>Pharmaceutics</i> , 2020, 12, 743.	4.5	2
8	Bicyclic Î±-Iminophosphonates as High Affinity Imidazoline I₂ Receptor Ligands for Alzheimerâ€™s Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3610-3633.	6.4	17
9	(2-Imidazolin-4-yl)phosphonates: Green Chemistry and Biology Walk Together. <i>Proceedings (mdpi)</i> , 2019, 22, 97.	0.2	0
10	Improved synthesis and characterization of cholesteryl oleate-loaded cationic solid lipid nanoparticles with high transfection efficiency for gene therapy applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 159-167.	5.0	7
11	Development and Validation of a New High-Performance Liquid Chromatography Method for the Simultaneous Quantification of Coenzyme Q10, Phosphatidylserine, and Vitamin C from a Cutting-Edge Liposomal Vehiculization. <i>ACS Omega</i> , 2019, 4, 19710-19715.	3.5	2
12	Osmolality predictive models of different polymers as tools in parenteral and ophthalmic formulation development. <i>International Journal of Pharmaceutics</i> , 2018, 543, 190-200.	5.2	7
13	Development and validation of a simple highâ€™performance liquid chromatography analytical method for simultaneous determination of phytosterols, cholesterol and squalene in parenteral lipid emulsions. <i>Biomedical Chromatography</i> , 2018, 32, e4084.	1.7	11
14	Optimization of the Cohesion Index in the SeDeM Diagram Expert System and application of SeDeM Diagram: An improved methodology to determine the Cohesion Index. <i>PLoS ONE</i> , 2018, 13, e0203846.	2.5	12
15	A new design for the review and appraisal of semi-solid dosage forms: Semi-solid Control Diagram (SSCD). <i>PLoS ONE</i> , 2018, 13, e0201643.	2.5	5
16	Cholesteryl oleate-loaded cationic solid lipid nanoparticles as carriers for efficient gene-silencing therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3223-3233.	6.7	20
17	The role of SeDeM for characterizing the active substance and polyvinylpyrrolidone eliminating metastable forms in an oral lyophilizateâ€™A preformulation study. <i>PLoS ONE</i> , 2018, 13, e0196049.	2.5	10
18	Improved formulation of cationic solid lipid nanoparticles displays cellular uptake and biological activity of nucleic acids. <i>International Journal of Pharmaceutics</i> , 2017, 516, 39-44.	5.2	16

#	ARTICLE	IF	CITATIONS
19	Optimization and Validation of a Fast UPLC Method for Simultaneous Determination of Hydroquinone, Kojic Acid, Octinoxate, Avobenzone, BHA, and BHT. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1-7.	1.5	10
20	Approach to design space from retrospective quality data. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 26-38.	2.4	6
21	Preformulation and characterization of a lidocaine hydrochloride and dexamethasone sodium phosphate thermo-reversible and bioadhesive long-acting gel for intraperitoneal administration. <i>International Journal of Pharmaceutics</i> , 2016, 498, 142-152.	5.2	10
22	Development and validation of a new RP-HPLC method for the simultaneous determination of hydroquinone, kojic acid, octinoxate, avobenzone, BHA and BHT in skin-whitening cream. <i>Analytical Methods</i> , 2016, 8, 1170-1180.	2.7	21
23	Development and Validation of a Stability Indicating RP-HPLC Method for Hydrocortisone Acetate Active Ingredient, Propyl Parahydroxybenzoate and Methyl Parahydroxybenzoate Preservatives, Butylhydroxyanisole Antioxidant, and Their Degradation Products in a Rectal Gel Formulation. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 27-34.	1.5	5
24	Determination of stress-induced degradation products of cetirizine dihydrochloride by a stability-indicating RP-HPLC method. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 82.	2.0	2
25	SeDeM expert system a new innovator tool to develop pharmaceutical forms. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 222-236.	2.0	34
26	A new optimized formulation of cationic solid lipid nanoparticles intended for gene delivery: Development, characterization and DNA binding efficiency of TCERG1 expression plasmid. <i>International Journal of Pharmaceutics</i> , 2014, 473, 270-279.	5.2	31
27	Chitosan nanoparticles as non-viral gene delivery systems: Determination of loading efficiency. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 775-783.	5.6	31
28	New classification of directly compressible (DC) excipients in function of the SeDeM Diagram Expert System. <i>International Journal of Pharmaceutics</i> , 2014, 470, 15-27.	5.2	40
29	DNA delivery via cationic solid lipid nanoparticles (SLNs). <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 157-165.	4.0	43
30	Predicting orally disintegrating tablets formulations of ibuprofen tablets: An application of the new SeDeM-ODT expert system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 638-648.	4.3	55
31	Optimization of parameters of the SeDeM Diagram Expert System: Hausner index (IH) and relative humidity (%RH). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 464-472.	4.3	33
32	Quality assurance in research: incorporating ISO9001:2000 into a GMP quality management system in a pharmaceutical R+D+I center. <i>Accreditation and Quality Assurance</i> , 2010, 15, 297-304.	0.8	11
33	The use of the SeDeM Diagram expert system to determine the suitability of diluents/disintegrants for direct compression and their use in formulation of ODT. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 414-423.	4.3	56
34	Application of the SeDeM Diagram and a new mathematical equation in the design of direct compression tablet formulation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 1029-1039.	4.3	57
35	Application of a validated method in the stability study of colistin sulfate and methylparaben in a veterinary suspension formulation by high-performance liquid chromatography with a diode array detector. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 706-14.	1.5	2