

# SuÃ±Ã© Josep Maria

## List of Publications by Year in descending order

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35  
papers

945  
citations

516215

16  
h-index

454577

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formulation of Direct Compression Zidovudine Tablets to Correlate the SeDeM Diagram Expert System and the Rotary Press Simulator Stylê™ONE Results. AAPS PharmSciTech, 2020, 21, 1.	1.5	123
2	Coenzyme Q10 supplementation: Efficacy, safety, and formulation challenges. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 574-594.	5.9	94
3	A new expert systems (SeDeM Diagram) for control batch powder formulation and preformulation drug products. European Journal of Pharmaceutics and Biopharmaceutics, 2006, 64, 351-359.	2.0	80
4	Quality by Design approach to understand the physicochemical phenomena involved in controlled release of captopril SR matrix tablets. International Journal of Pharmaceutics, 2014, 477, 431-441.	2.6	61
5	Trends in the food and sports nutrition industry: A review. Critical Reviews in Food Science and Nutrition, 2020, 60, 2405-2421.	5.4	60
6	Application of the SeDeM Diagram and a new mathematical equation in the design of direct compression tablet formulation. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 1029-1039.	2.0	57
7	Excipients in the Paediatric Population: A Review. Pharmaceutics, 2021, 13, 387.	2.0	51
8	An overview of microencapsulation in the food industry: opportunities, challenges, and innovations. European Food Research and Technology, 2020, 246, 1371-1382.	1.6	49
9	New classification of directly compressible (DC) excipients in function of the SeDeM Diagram Expert System. International Journal of Pharmaceutics, 2014, 470, 15-27.	2.6	40
10	Relationships between surface free energy, surface texture parameters and controlled drug release in hydrophilic matrices. International Journal of Pharmaceutics, 2015, 478, 328-340.	2.6	34
11	Optimization of parameters of the SeDeM Diagram Expert System: Hausner index (IH) and relative humidity (%RH). European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 464-472.	2.0	33
12	A new optimized formulation of cationic solid lipid nanoparticles intended for gene delivery: Development, characterization and DNA binding efficiency of TCERG1 expression plasmid. International Journal of Pharmaceutics, 2014, 473, 270-279.	2.6	31
13	The use of the SeDeM diagram expert system for the formulation of Captopril SR matrix tablets by direct compression. International Journal of Pharmaceutics, 2014, 461, 38-45.	2.6	29
14	Development and characterization of an improved formulation of cholesteryl oleate-loaded cationic solid-lipid nanoparticles as an efficient non-viral gene delivery system. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110533.	2.5	20
15	ncRNAs in Therapeutics: Challenges and Limitations in Nucleic Acid-Based Drug Delivery. International Journal of Molecular Sciences, 2021, 22, 11596.	1.8	20
16	Characterization of alginate beads loaded with ibuprofen lysine salt and optimization of the preparation method. International Journal of Pharmaceutics, 2014, 460, 181-188.	2.6	18
17	Formulation of Sustained Release Hydrophilic Matrix Tablets of Tolcapone with the Application of Sedem Diagram: Influence of Tolcapone's Particle Size on Sustained Release. Pharmaceutics, 2020, 12, 674.	2.0	17
18	Therapeutic potential of nicotinamide adenine dinucleotide (NAD). European Journal of Pharmacology, 2020, 879, 173158.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Innovative Therapeutic and Delivery Approaches Using Nanotechnology to Correct Splicing Defects Underlying Disease. <i>Frontiers in Genetics</i> , 2020, 11, 731.	1.1	14
20	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.	1.1	12
21	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.	0.4	11
22	Development and validation of a simple high-performance liquid chromatography analytical method for simultaneous determination of phytosterols, cholesterol and squalene in parenteral lipid emulsions. <i>Biomedical Chromatography</i> , 2018, 32, e4084.	0.8	11
23	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.	2.6	10
24	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.	1.1	10
25	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.	0.7	10
26	Osmolality predictive models of different polymers as tools in parenteral and ophthalmic formulation development. <i>International Journal of Pharmaceutics</i> , 2018, 543, 190-200.	2.6	7
27	Approach to design space from retrospective quality data. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 26-38.	1.1	6
28	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.	1.1	5
29	Phytosterolaemia associated with parenteral nutrition administration in adult patients. <i>British Journal of Nutrition</i> , 2020, 123, 1365-1372.	1.2	5
30	Spatiotemporal Analysis of Hydration Mechanism in Sodium Alginate Matrix Tablets. <i>Materials</i> , 2021, 14, 646.	1.3	5
31	Improving tablet coating robustness by selecting critical process parameters from retrospective data. <i>Pharmaceutical Development and Technology</i> , 2015, 21, 1-10.	1.1	3
32	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.	1.6	2
33	Robustness Optimization of an Existing Tablet Coating Process Applying Retrospective Knowledge (rQbD) and Validation. <i>Pharmaceutics</i> , 2020, 12, 743.	2.0	2
34	Problems Involved in the Manufacture of Penicillin Products. <i>Drug Development and Industrial Pharmacy</i> , 1996, 22, 541-554.	0.9	0
35	Study of tocopherol content and its potential antioxidant activity in commercial lipid emulsions for parenteral nutrition. <i>Die Pharmazie</i> , 2020, 75, 240-241.	0.3	0