Jelena Djuris

List of Publications by Year
in descending order

39 papers	941 citations	471509 17 h-index	454955 30 g-index
39 all docs	39 docs citations	39 times ranked	1285 citing authors

#	Article	IF	Citations
1	Development of solid lipid microparticles by melt-emulsification/spray-drying processes as carriers for pulmonary drug delivery. European Journal of Pharmaceutical Sciences, 2021, 156, 105588.	4.0	12
2	Preparation of floating polymer-valsartan delivery systems using supercritical CO2. Journal of Polymer Research, 2021, 28, 1.	2.4	3
3	Mucoadhesive buccal tablets with propranolol hydrochloride: Formulation development and in vivo performances in experimental essential hypertension. International Journal of Pharmaceutics, 2021, 610, 121266.	5.2	7
4	Improving Tableting Performance of Lactose Monohydrate by Fluid-Bed Melt Granulation Co-Processing. Pharmaceutics, 2021, 13, 2165.	4.5	4
5	Machine Learning Modeling of Wet Granulation Scale-up Using Particle Size Distribution Characterization Parameters. Journal of Pharmaceutical Innovation, 2020, 15, 535-546.	2.4	7
6	Optimization and modelling of gentiopicroside, isogentisin and total phenolics extraction from Gentiana lutea L. roots. Industrial Crops and Products, 2020, 155, 112767.	5.2	20
7	Tableting properties of microcrystalline cellulose obtained from wheat straw measured with a single punch bench top tablet press. Saudi Pharmaceutical Journal, 2020, 28, 710-718.	2.7	9
8	Beta-glucan content and antioxidant activities of mushroom-derived food supplements. Journal of the Serbian Chemical Society, 2020, 85, 439-451.	0.8	6
9	Analytical and Computational Methods for the Estimation of Drug-Polymer Solubility and Miscibility in Solid Dispersions Development. Pharmaceutics, 2019, 11, 372.	4.5	42
10	Optimization and Prediction of Ibuprofen Release from 3D DLP Printlets Using Artificial Neural Networks. Pharmaceutics, 2019, 11, 544.	4.5	52
11	SoluplusÂ®, EudragitÂ®, HPMC-AS foams and solid dispersions for enhancement of Carvedilol dissolution rate prepared by a supercritical CO2 process. Polymer Testing, 2019, 76, 54-64.	4.8	15
12	Selection of the suitable polymer for supercritical fluid assisted preparation of carvedilol solid dispersions. International Journal of Pharmaceutics, 2019, 554, 190-200.	5.2	32
13	Machine learning modelling of wet granulation scale-up using compressibility, compactibility and manufacturability parameters. Hemijska Industrija, 2019, 73, 155-168.	0.7	5
14	An in vitro - in silico approach for the formulation and characterization of ranitidine gastroretentive delivery systems. Journal of Drug Delivery Science and Technology, 2018, 45, 1-10.	3.0	21
15	Optimization of formulation and process parameters for the production of carvedilol nanosuspension by wet media milling. International Journal of Pharmaceutics, 2018, 540, 150-161.	5.2	62
16	Functionality and performance evaluation of directly compressible co-processed excipients based on dynamic compaction analysis and percolation theory. Powder Technology, 2018, 326, 292-301.	4.2	22
17	Development of ternary solid dispersions with hydrophilic polymer and surface adsorbent for improving dissolution rate of carbamazepine. Saudi Pharmaceutical Journal, 2018, 26, 725-732.	2.7	28
18	Assessing the potential of solid dispersions to improve dissolution rate and bioavailability of valsartan: In vitro-in silico approach. European Journal of Pharmaceutical Sciences, 2018, 124, 188-198.	4.0	22

#	Article	IF	Citations
19	Application of miscibility analysis and determination of Soluplus solubility map for development of carvedilol-loaded nanofibers. International Journal of Pharmaceutics, 2017, 533, 445-454.	5.2	17
20	Application of the melt granulation technique in development of lipid matrix tablets with immediate release of carbamazepine. Journal of Drug Delivery Science and Technology, 2017, 39, 467-474.	3.0	12
21	Modeling in the quality by design environment: Regulatory requirements and recommendations for design space and control strategy appointment. International Journal of Pharmaceutics, 2017, 533, 346-356.	5.2	45
22	Application of the fractional factorial design in multiple W/O/W emulsions. Journal of Dispersion Science and Technology, 2017, 38, 1732-1737.	2.4	4
23	Comparative analysis of mechanical and dissolution properties of single- and multicomponent folic acid supplements. Journal of Food Composition and Analysis, 2017, 60, 17-24.	3.9	2
24	Application of the design of experiments in optimization of drug layering of pellets with an insight into drug polymer interactions. International Journal of Pharmaceutics, 2016, 506, 312-319.	5.2	3
25	Dissolution rate enhancement and physicochemical characterization of carbamazepine-poloxamer solid dispersions. Pharmaceutical Development and Technology, 2016, 21, 268-276.	2.4	40
26	Evaluation of powder, solution and suspension layering for the preparation of enteric coated pellets. European Journal of Pharmaceutical Sciences, 2016, 85, 84-93.	4.0	12
27	Application of failure mode and effects analysis in quality by design approach for formulation of carvedilol compression coated tablets. Journal of Drug Delivery Science and Technology, 2016, 32, 56-63.	3.0	13
28	Combined application of mixture experimental design and artificial neural networks in the solid dispersion development. Drug Development and Industrial Pharmacy, 2016, 42, 389-402.	2.0	25
29	Effect of composition in the development of carbamazepine hot-melt extruded solid dispersions by application of mixture experimental design. Journal of Pharmacy and Pharmacology, 2014, 66, 232-243.	2.4	24
30	Application of <scp>D</scp>â€optimal experimental design method to optimize the formulation of <scp>O</scp>/<scp>W</scp> cosmetic emulsions. International Journal of Cosmetic Science, 2014, 36, 79-87.	2.6	23
31	A study of jet-milling and spray-drying process for the physicochemical and aerodynamic dispersion properties of amiloride HCl. Powder Technology, 2014, 262, 170-176.	4.2	17
32	The influence of spiral jet-milling on the physicochemical properties of carbamazepine form III crystals: Quality by design approach. Chemical Engineering Research and Design, 2014, 92, 500-508.	5.6	13
33	Preparation of carbamazepineâ€“SoluplusÂ® solid dispersions by hot-melt extrusion, and prediction of drugâ€“polymer miscibility by thermodynamic model fitting. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 228-237.	4.3	159
34	Application of Quality by Design Concepts in the Development of Fluidized Bed Granulation and Tableting Processes. Journal of Pharmaceutical Sciences, 2013, 102, 1869-1882.	3.3	12
35	Potential application of surfactant systems in formulation of dosage forms with slightly soluble substances. Hemijska Industrija, 2012, 66, 667-676.	0.7	0
36	Characterization and evaluation of solid self-microemulsifying drug delivery systems with porous carriers as systems for improved carbamazepine release. International Journal of Pharmaceutics, 2012, 436, 58-65.	5.2	81

#	Article	IF	Citations
37	Design Space Approach in Optimization of Fluid Bed Granulation and Tablets Compression Process. Scientific World Journal, The, 2012, 2012, 1-10.	2.1	7
38	Artificial Neural Networks in Evaluation and Optimization of Modified Release Solid Dosage Forms. Pharmaceutics, 2012, 4, 531-550.	4.5	60
39	In silico methods in stability testing of hydrocortisone, powder for injections: Multiple regression analysis versus dynamic neural network. Hemijska Industrija, 2012, 66, 647-657.	0.7	3