

Jelena Djuris

List of Publications by Year in descending order

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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	Preparation of carbamazepineâ€™SoluplusÂ® solid dispersions by hot-melt extrusion, and prediction of drugâ€™polymer miscibility by thermodynamic model fitting. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 228-237.	4.3	159
2	Characterization and evaluation of solid self-microemulsifying drug delivery systems with porous carriers as systems for improved carbamazepine release. <i>International Journal of Pharmaceutics</i> , 2012, 436, 58-65.	5.2	81
3	Optimization of formulation and process parameters for the production of carvedilol nanosuspension by wet media milling. <i>International Journal of Pharmaceutics</i> , 2018, 540, 150-161.	5.2	62
4	Artificial Neural Networks in Evaluation and Optimization of Modified Release Solid Dosage Forms. <i>Pharmaceutics</i> , 2012, 4, 531-550.	4.5	60
5	Optimization and Prediction of Ibuprofen Release from 3D DLP Printlets Using Artificial Neural Networks. <i>Pharmaceutics</i> , 2019, 11, 544.	4.5	52
6	Modeling in the quality by design environment: Regulatory requirements and recommendations for design space and control strategy appointment. <i>International Journal of Pharmaceutics</i> , 2017, 533, 346-356.	5.2	45
7	Analytical and Computational Methods for the Estimation of Drug-Polymer Solubility and Miscibility in Solid Dispersions Development. <i>Pharmaceutics</i> , 2019, 11, 372.	4.5	42
8	Dissolution rate enhancement and physicochemical characterization of carbamazepine-poloxamer solid dispersions. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 268-276.	2.4	40
9	Selection of the suitable polymer for supercritical fluid assisted preparation of carvedilol solid dispersions. <i>International Journal of Pharmaceutics</i> , 2019, 554, 190-200.	5.2	32
10	Development of ternary solid dispersions with hydrophilic polymer and surface adsorbent for improving dissolution rate of carbamazepine. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 725-732.	2.7	28
11	Combined application of mixture experimental design and artificial neural networks in the solid dispersion development. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 389-402.	2.0	25
12	Effect of composition in the development of carbamazepine hot-melt extruded solid dispersions by application of mixture experimental design. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 232-243.	2.4	24
13	Application of <scp>D</scp>â€™optimal experimental design method to optimize the formulation of <scp>O</scp>/<scp>W</scp> cosmetic emulsions. <i>International Journal of Cosmetic Science</i> , 2014, 36, 79-87.	2.6	23
14	Functionality and performance evaluation of directly compressible co-processed excipients based on dynamic compaction analysis and percolation theory. <i>Powder Technology</i> , 2018, 326, 292-301.	4.2	22
15	Assessing the potential of solid dispersions to improve dissolution rate and bioavailability of valsartan: In vitro-in silico approach. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 124, 188-198.	4.0	22
16	An in vitro - in silico approach for the formulation and characterization of ranitidine gastroretentive delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 1-10.	3.0	21
17	Optimization and modelling of gentiopicroside, isogentisin and total phenolics extraction from <i>Gentiana lutea</i> L. roots. <i>Industrial Crops and Products</i> , 2020, 155, 112767.	5.2	20
18	A study of jet-milling and spray-drying process for the physicochemical and aerodynamic dispersion properties of amiloride HCl. <i>Powder Technology</i> , 2014, 262, 170-176.	4.2	17

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19	Application of miscibility analysis and determination of Soluplus solubility map for development of carvedilol-loaded nanofibers. <i>International Journal of Pharmaceutics</i> , 2017, 533, 445-454.	5.2	17
20	Soluplus® [®] , Eudragit® [®] , HPMC-AS foams and solid dispersions for enhancement of Carvedilol dissolution rate prepared by a supercritical CO ₂ process. <i>Polymer Testing</i> , 2019, 76, 54-64.	4.8	15
21	The influence of spiral jet-milling on the physicochemical properties of carbamazepine form III crystals: Quality by design approach. <i>Chemical Engineering Research and Design</i> , 2014, 92, 500-508.	5.6	13
22	Application of failure mode and effects analysis in quality by design approach for formulation of carvedilol compression coated tablets. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 56-63.	3.0	13
23	Application of Quality by Design Concepts in the Development of Fluidized Bed Granulation and Tableting Processes. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1869-1882.	3.3	12
24	Evaluation of powder, solution and suspension layering for the preparation of enteric coated pellets. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 85, 84-93.	4.0	12
25	Application of the melt granulation technique in development of lipid matrix tablets with immediate release of carbamazepine. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 467-474.	3.0	12
26	Development of solid lipid microparticles by melt-emulsification/spray-drying processes as carriers for pulmonary drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105588.	4.0	12
27	Tableting properties of microcrystalline cellulose obtained from wheat straw measured with a single punch bench top tablet press. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 710-718.	2.7	9
28	Design Space Approach in Optimization of Fluid Bed Granulation and Tablets Compression Process. <i>Scientific World Journal</i> , The, 2012, 2012, 1-10.	2.1	7
29	Machine Learning Modeling of Wet Granulation Scale-up Using Particle Size Distribution Characterization Parameters. <i>Journal of Pharmaceutical Innovation</i> , 2020, 15, 535-546.	2.4	7
30	Mucoadhesive buccal tablets with propranolol hydrochloride: Formulation development and in vivo performances in experimental essential hypertension. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121266.	5.2	7
31	Beta-glucan content and antioxidant activities of mushroom-derived food supplements. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 439-451.	0.8	6
32	Machine learning modelling of wet granulation scale-up using compressibility, compactibility and manufacturability parameters. <i>Hemijaska Industrija</i> , 2019, 73, 155-168.	0.7	5
33	Application of the fractional factorial design in multiple W/O/W emulsions. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 1732-1737.	2.4	4
34	Improving Tableting Performance of Lactose Monohydrate by Fluid-Bed Melt Granulation Co-Processing. <i>Pharmaceutics</i> , 2021, 13, 2165.	4.5	4
35	Application of the design of experiments in optimization of drug layering of pellets with an insight into drug polymer interactions. <i>International Journal of Pharmaceutics</i> , 2016, 506, 312-319.	5.2	3
36	Preparation of floating polymer-valsartan delivery systems using supercritical CO ₂ . <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	3

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37	In silico methods in stability testing of hydrocortisone, powder for injections: Multiple regression analysis versus dynamic neural network. <i>Hemijaska Industrija</i> , 2012, 66, 647-657.	0.7	3
38	Comparative analysis of mechanical and dissolution properties of single- and multicomponent folic acid supplements. <i>Journal of Food Composition and Analysis</i> , 2017, 60, 17-24.	3.9	2
39	Potential application of surfactant systems in formulation of dosage forms with slightly soluble substances. <i>Hemijaska Industrija</i> , 2012, 66, 667-676.	0.7	0