Jelena ParojÄiÄ

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	635 citations	623734 14 h-index	580821 25 g-index
34 all docs	34 docs citations	34 times ranked	779 citing authors

#	Article	IF	Citations
1	An investigation into multiparticulate units printablity by selective laser sintering. , 2022, , .		0
2	An investigation into relationship between thin films mechanical and rheological properties. , 2022, , .		0
3	Liquisolid systems: Evaluation of the influence of formulation variables on the optimum liquid load. Arhiv Za Farmaciju, 2022, 72, 61-76.	0.5	2
4	Application of artificial neural network analysis in understanding critical material properties governing orodispersible film disintegration. , 2021, , .		0
5	The emerging role of physiologically-based pharmacokinetic/biopharmaceutics modeling in formulation development. Arhiv Za Farmaciju, 2021, 71, 318-335.	0.5	5
6	An Investigation into Mechanical Properties and Printability of Potential Substrates for Inkjet Printing of Orodispersible Films. Pharmaceutics, 2021, 13, 468.	4.5	9
7	An Investigation into the Factors Governing Drug Absorption and Food Effect Prediction Based on Data Mining Methodology. AAPS Journal, 2020, 22, 11.	4.4	2
8	An Investigation into the Influence of Process Parameters and Formulation Variables on Compaction Properties of Liquisolid Systems. AAPS PharmSciTech, 2020, 21, 242.	3.3	6
9	Comprehensive evaluation of formulation factors affecting critical quality attributes of casted orally disintegrating films. Journal of Drug Delivery Science and Technology, 2020, 56, 101614.	3.0	9
10	Integrated biopharmaceutical approach in pharmaceutical development and drug characterization: General concept and application. Hemijska Industrija, 2020, 74, 389-397.	0.7	1
11	Powder Compressibility Assessment. , 2020, , .		0
12	Reinforcement of the Framework for Experiential Education in Healthcare in Serbia: Post-Implementation Project Review within Pharmacy Education. Pharmacy (Basel, Switzerland), 2019, 7, 92.	1.6	0
13	Elucidating molecular properties of kappa-carrageenan as critical material attributes contributing to drug dissolution from pellets with a multivariate approach. International Journal of Pharmaceutics, 2019, 566, 662-673.	5.2	10
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	From smart materials to advanced drug delivery systems. International Journal of Pharmaceutics, 2017, 533, 323.	5.2	1
16	In vitro and in vivo investigation of taste-masking effectiveness of Eudragit E PO as drug particle coating agent in orally disintegrating tablets. Drug Development and Industrial Pharmacy, 2017, 43, 723-731.	2.0	32
17	An investigation into the usefulness of different empirical modeling techniques for better control of spray-on fluidized bed melt granulation. International Journal of Pharmaceutics, 2015, 496, 627-635.	5.2	8
18	In vitro-in vivo-in silico approach in biopharmaceutical characterization of ibuprofen IR and SR tablets. European Journal of Pharmaceutical Sciences, 2015, 75, 151-159.	4.0	8

#	Article	IF	Citations
19	In silico modeling of in situ fluidized bed melt granulation. International Journal of Pharmaceutics, 2014, 466, 21-30.	5.2	20
20	Viscosity-mediated negative food effect on oral absorption of poorly-permeable drugs with an absorption window in the proximal intestine: In vitro experimental simulation and computational verification. European Journal of Pharmaceutical Sciences, 2014, 61, 40-53.	4.0	57
21	In vitro â€“ in silico â€“ in vivo drug absorption model development based on mechanistic gastrointestinal simulation and artificial neural networks: Nifedipine osmotic release tablets case study. European Journal of Pharmaceutical Sciences, 2014, 62, 212-218.	4.0	24
22	Computer-aided biopharmaceutical characterization: gastrointestinal absorption simulation. , 2013, , 177-232.		2
23	Biopharmaceutical Characterization of Ciprofloxacin HClâ€“Ferrous Sulfate Interaction. Journal of Pharmaceutical Sciences, 2011, 100, 5174-5184.	3.3	19
24	Generalized regression neural networks in prediction of drug stability. Journal of Pharmacy and Pharmacology, 2010, 59, 745-750.	2.4	19
25	Artificial intelligence in pharmaceutical product formulation: Neural computing. Chemical Industry and Chemical Engineering Quarterly, 2009, 15, 227-236.	0.7	8
26	Rheological and droplet size analysis of W/O/W multiple emulsions containing low concentrations of polymeric emulsifiers. Journal of the Serbian Chemical Society, 2009, 74, 801-816.	0.8	29
27	Tablet disintegration and drug dissolution in viscous media: Paracetamol IR tablets. International Journal of Pharmaceutics, 2008, 355, 93-99.	5.2	53
28	An investigation into the usefulness of generalized regression neural network analysis in the development of level A in vitroâ€“in vivo correlation. European Journal of Pharmaceutical Sciences, 2007, 30, 264-272.	4.0	41
29	An investigation into the characteristics and drug release properties of multiple W/O/W emulsion systems containing low concentration of lipophilic polymeric emulsifier. International Journal of Pharmaceutics, 2006, 309, 171-177.	5.2	92
30	Biopharmaceutical characterization of sustained release matrix tablets based on novel carbomer polymers: formulation and in vivo investigation. European Journal of Drug Metabolism and Pharmacokinetics, 2005, 30, 99-104.	1.6	4
31	Artificial neural networks in the modeling and optimization of aspirin extended release tablets with eudragit L 100 as matrix substance. AAPS PharmSciTech, 2003, 4, 62-70.	3.3	51
32	Development of the second-order derivative UV spectrophotometric method for direct determination of paracetamol in urine intended for biopharmaceutical characterisation of drug products. Biopharmaceutics and Drug Disposition, 2003, 24, 309-314.	1.9	29
33	The application of generalized regression neural network in the modeling and optimization of aspirin extended release tablets with EudragitÂ® RS PO as matrix substance. Journal of Controlled Release, 2002, 82, 213-222.	9.9	73