

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 the characteristics and drug release properties of multiple W/O/W emulsion systems containing low concentration of lipophilic polymeric emulsifier. <i>International Journal of Pharmaceutics</i> , 2006, 309, 171-177. | 5.2 | 92 |
| 2 | The application of generalized regression neural network in the modeling and optimization of aspirin extended release tablets with Eudragit® RS PO as matrix substance. <i>Journal of Controlled Release</i> , 2002, 82, 213-222. | 9.9 | 73 |
| 3 | 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. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 61, 40-53. | 4.0 | 57 |
| 4 | Tablet disintegration and drug dissolution in viscous media: Paracetamol IR tablets. <i>International Journal of Pharmaceutics</i> , 2008, 355, 93-99. | 5.2 | 53 |
| 5 | Artificial neural networks in the modeling and optimization of aspirin extended release tablets with eudragit L 100 as matrix substance. <i>AAPS PharmSciTech</i> , 2003, 4, 62-70. | 3.3 | 51 |
| 6 | An investigation into the usefulness of generalized regression neural network analysis in the development of level A in vitro–in vivo correlation. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 264-272. | 4.0 | 41 |
| 7 | <i>In vitro</i> and <i>in vivo</i> investigation of taste-masking effectiveness of Eudragit E PO as drug particle coating agent in orally disintegrating tablets. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 723-731. | 2.0 | 32 |
| 8 | Development of the second-order derivative UV spectrophotometric method for direct determination of paracetamol in urine intended for biopharmaceutical characterisation of drug products. <i>Biopharmaceutics and Drug Disposition</i> , 2003, 24, 309-314. | 1.9 | 29 |
| 9 | Rheological and droplet size analysis of W/O/W multiple emulsions containing low concentrations of polymeric emulsifiers. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 801-816. | 0.8 | 29 |
| 10 | <i>In vitro</i> – <i>in silico</i> – <i>in vivo</i> drug absorption model development based on mechanistic gastrointestinal simulation and artificial neural networks: Nifedipine osmotic release tablets case study. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 212-218. | 4.0 | 24 |
| 11 | An <i>in vitro</i> - <i>in silico</i> 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 |
| 12 | <i>In silico</i> modeling of <i>in situ</i> fluidized bed melt granulation. <i>International Journal of Pharmaceutics</i> , 2014, 466, 21-30. | 5.2 | 20 |
| 13 | Generalized regression neural networks in prediction of drug stability. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 745-750. | 2.4 | 19 |
| 14 | Biopharmaceutical Characterization of Ciprofloxacin HCl–Ferrous Sulfate Interaction. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 5174-5184. | 3.3 | 19 |
| 15 | Elucidating molecular properties of kappa-carrageenan as critical material attributes contributing to drug dissolution from pellets with a multivariate approach. <i>International Journal of Pharmaceutics</i> , 2019, 566, 662-673. | 5.2 | 10 |
| 16 | Comprehensive evaluation of formulation factors affecting critical quality attributes of casted orally disintegrating films. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101614. | 3.0 | 9 |
| 17 | An Investigation into Mechanical Properties and Printability of Potential Substrates for Inkjet Printing of Orodispersible Films. <i>Pharmaceutics</i> , 2021, 13, 468. | 4.5 | 9 |
| 18 | Artificial intelligence in pharmaceutical product formulation: Neural computing. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2009, 15, 227-236. | 0.7 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | An investigation into the usefulness of different empirical modeling techniques for better control of spray-on fluidized bed melt granulation. <i>International Journal of Pharmaceutics</i> , 2015, 496, 627-635. | 5.2 | 8 |
| 20 | In vitro-in vivo-in silico approach in biopharmaceutical characterization of ibuprofen IR and SR tablets. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 75, 151-159. | 4.0 | 8 |
| 21 | An Investigation into the Influence of Process Parameters and Formulation Variables on Compaction Properties of Liquisolid Systems. <i>AAPS PharmSciTech</i> , 2020, 21, 242. | 3.3 | 6 |
| 22 | The emerging role of physiologically-based pharmacokinetic/biopharmaceutics modeling in formulation development. <i>Arhiv Za Farmaciju</i> , 2021, 71, 318-335. | 0.5 | 5 |
| 23 | Biopharmaceutical characterization of sustained release matrix tablets based on novel carbomer polymers: formulation and in vivo investigation. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2005, 30, 99-104. | 1.6 | 4 |
| 24 | Computer-aided biopharmaceutical characterization: gastrointestinal absorption simulation. , 2013, , 177-232. | | 2 |
| 25 | An Investigation into the Factors Governing Drug Absorption and Food Effect Prediction Based on Data Mining Methodology. <i>AAPS Journal</i> , 2020, 22, 11. | 4.4 | 2 |
| 26 | Liquisolid systems: Evaluation of the influence of formulation variables on the optimum liquid load. <i>Arhiv Za Farmaciju</i> , 2022, 72, 61-76. | 0.5 | 2 |
| 27 | From smart materials to advanced drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2017, 533, 323. | 5.2 | 1 |
| 28 | Integrated biopharmaceutical approach in pharmaceutical development and drug characterization: General concept and application. <i>Hemijska Industrija</i> , 2020, 74, 389-397. | 0.7 | 1 |
| 29 | Reinforcement of the Framework for Experiential Education in Healthcare in Serbia: Post-Implementation Project Review within Pharmacy Education. <i>Pharmacy (Basel, Switzerland)</i> , 2019, 7, 92. | 1.6 | 0 |
| 30 | Application of artificial neural network analysis in understanding critical material properties governing orodispersible film disintegration. , 2021, , . | | 0 |
| 31 | Powder Compressibility Assessment. , 2020, , . | | 0 |
| 32 | An investigation into multiparticulate units printability by selective laser sintering. , 2022, , . | | 0 |
| 33 | An investigation into relationship between thin films mechanical and rheological properties. , 2022, , . | | 0 |