

# Ilija IliÄ

## List of Publications by Year in descending order

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34  
papers

723  
citations

567281

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h-index

526287

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g-index

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34  
docs citations

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times ranked

793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Drug Release Rate of Implantable Matrices and Better Understanding of the Underlying Mechanisms through Experimental Design and Artificial Neural Network-Based Modelling. <i>Pharmaceutics</i> , 2022, 14, 228.	4.5	1
2	The influence of SMEDDS composition and the water ratio in granulation dispersion on attributes of granules prepared by wet granulation. , 2022, , .		0
3	Investigation of drug-matrix interaction in directly compressed matrices. , 2021, , .		0
4	Treatment of canine cognitive dysfunction with novel butyrylcholinesterase inhibitor. <i>Scientific Reports</i> , 2021, 11, 18098.	3.3	12
5	High-Molecular-Weight Hypromellose from Three Different Suppliers: Effects of Compression Speed, Tableting Equipment, and Moisture on the Compaction. <i>AAPS PharmSciTech</i> , 2020, 21, 203.	3.3	3
6	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
7	Solidification of SMEDDS by fluid bed granulation and manufacturing of fast drug release tablets. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119377.	5.2	11
8	Characterization of industrial aluminum trihydrate-filled poly(methyl methacrylate) composite powder. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 2517-2534.	2.6	5
9	Proactive Release of Antimicrobial Essential Oil from a "Smart" Cotton Fabric. <i>Coatings</i> , 2019, 9, 242.	2.6	5
10	Comparison of responsive behaviour of smart PLA fabrics applied with temperature and pH responsive microgel and nanogel. <i>Progress in Organic Coatings</i> , 2018, 124, 213-223.	3.9	6
11	Modified equation for particle bonding area and strength with inclusion of powder fragmentation propensity. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 218-227.	4.0	15
12	Self-microemulsifying tablets prepared by direct compression for improved resveratrol delivery. <i>International Journal of Pharmaceutics</i> , 2018, 548, 263-275.	5.2	35
13	High-shear granulation of high-molecular weight hypromellose: effects of scale-up and process parameters on flow and compaction properties. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1770-1782.	2.0	8
14	Spherical agglomerates of lactose with enhanced mechanical properties. <i>International Journal of Pharmaceutics</i> , 2017, 516, 247-257.	5.2	46
15	Flow and compaction properties of hypromellose: new directly compressible versus the established grades. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1877-1886.	2.0	15
16	Effect of the surface free energy of materials on the lamination tendency of bilayer tablets. <i>International Journal of Pharmaceutics</i> , 2015, 496, 609-613.	5.2	10
17	Impact of microcrystalline cellulose material attributes: A case study on continuous twin screw granulation. <i>International Journal of Pharmaceutics</i> , 2015, 478, 705-717.	5.2	53
18	Nanomechanical Properties of Selected Single Pharmaceutical Crystals as a Predictor of Their Bulk Behaviour. <i>Pharmaceutical Research</i> , 2015, 32, 469-481.	3.5	24

#	ARTICLE	IF	CITATIONS
19	Melt granulation in fluidized bed: a comparative study of spray-on versus <i>in situ</i> procedure. Drug Development and Industrial Pharmacy, 2014, 40, 23-32.	2.0	8
20	Influence of the physiological variability of fasted gastric pH and tablet retention time on the variability of <i>in vitro</i> dissolution and simulated plasma profiles. International Journal of Pharmaceutics, 2014, 473, 552-559.	5.2	10
21	Compaction properties of crystalline pharmaceutical ingredients according to the Walker model and nanomechanical attributes. International Journal of Pharmaceutics, 2014, 472, 347-355.	5.2	25
22	<i>In silico</i> modeling of <i>in situ</i> fluidized bed melt granulation. International Journal of Pharmaceutics, 2014, 466, 21-30.	5.2	20
23	Application of Physicochemical Properties and Process Parameters in the Development of a Neural Network Model for Prediction of Tablet Characteristics. AAPS PharmSciTech, 2013, 14, 511-516.	3.3	5
24	Deformation properties of pharmaceutical excipients determined using an <i>in-die</i> and <i>out-die</i> method. International Journal of Pharmaceutics, 2013, 446, 6-15.	5.2	68
25	Consolidation trend design based on Young's modulus of clarithromycin single crystals. International Journal of Pharmaceutics, 2013, 454, 324-332.	5.2	5
26	A compressibility and compactibility study of real tableting mixtures: the effect of granule particle size. Acta Pharmaceutica, 2012, 62, 325-340.	2.0	44
27	An investigation into the effect of formulation variables and process parameters on characteristics of granules obtained by <i>in situ</i> fluidized hot melt granulation. International Journal of Pharmaceutics, 2012, 423, 202-212.	5.2	24
28	The use of single particle mechanical properties for predicting the compressibility of pharmaceutical materials. Powder Technology, 2012, 225, 43-51.	4.2	33
29	Development of a multiple-unit tablet containing enteric-coated pellets. Pharmaceutical Development and Technology, 2011, 16, 118-126.	2.4	14
30	A compressibility and compactibility study of real tableting mixtures: The impact of wet and dry granulation versus a direct tableting mixture. International Journal of Pharmaceutics, 2011, 414, 131-139.	5.2	72
31	Mapping the local elastic properties of pharmaceutical solids using atomic force microscopy. Procedia Engineering, 2011, 10, 2857-2866.	1.2	2
32	A modification of the <i>Pr</i> value equation for measuring the compactibility of pharmaceutical materials. Chemical Engineering and Processing: Process Intensification, 2010, 49, 881-884.	3.6	1
33	Microparticle size control and glimepiride microencapsulation using spray congealing technology. International Journal of Pharmaceutics, 2009, 381, 176-183.	5.2	79
34	The compressibility and compactibility of different types of lactose. Drug Development and Industrial Pharmacy, 2009, 35, 1271-1280.	2.0	58