

Balzs Dmuth

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

747

citations

16

h-index

26

g-index

26

ext. papers

882

ext. citations

6

avg, IF

3.84

L-index

#	Paper	IF	Citations
26	High speed electrospinning for scaled-up production of amorphous solid dispersion of itraconazole. <i>International Journal of Pharmaceutics</i> , 2015 , 480, 137-42	6.5	125
25	In-line Raman spectroscopic monitoring and feedback control of a continuous twin-screw pharmaceutical powder blending and tableting process. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 21-29	6.5	65
24	Scale-up of electrospinning technology: Applications in the pharmaceutical industry. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1611	9.2	59
23	Investigation and Mathematical Description of the Real Driving Force of Passive Transport of Drug Molecules from Supersaturated Solutions. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3816-3826	5.6	56
22	Drying technology strategies for colon-targeted oral delivery of biopharmaceuticals. <i>Journal of Controlled Release</i> , 2019 , 296, 162-178	11.7	54
21	Continuous alternative to freeze drying: Manufacturing of cyclodextrin-based reconstitution powder from aqueous solution using scaled-up electrospinning. <i>Journal of Controlled Release</i> , 2019 , 298, 120-127	11.7	38
20	Alternating current electrospinning for preparation of fibrous drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 75-80	6.5	38
19	Controlled-release solid dispersions of Eudragit [®] FS 100 and poorly soluble spironolactone prepared by electrospinning and melt extrusion. <i>European Polymer Journal</i> , 2017 , 95, 406-417	5.2	33
18	Real-time feedback control of twin-screw wet granulation based on image analysis. <i>International Journal of Pharmaceutics</i> , 2018 , 547, 360-367	6.5	28
17	Novel Alternating Current Electrospinning of Hydroxypropylmethylcellulose Acetate Succinate (HPMCAS) Nanofibers for Dissolution Enhancement: The Importance of Solution Conductivity. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 1634-1643	3.9	26
16	Application of artificial neural networks for Process Analytical Technology-based dissolution testing. <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118464	6.5	23
15	Enantioselective Michael addition of malonates to aromatic nitroalkenes catalyzed by monosaccharide-based chiral crown ethers. <i>Tetrahedron: Asymmetry</i> , 2014 , 25, 141-147		22
14	Lubricant-Induced Crystallization of Itraconazole From Tablets Made of Electrospun Amorphous Solid Dispersion. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2982-2988	3.9	21
13	Oral bioavailability enhancement of flubendazole by developing nanofibrous solid dosage forms. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1126-1133	3.6	20
12	Electrospun amorphous solid dispersions of meloxicam: Influence of polymer type and downstream processing to orodispersible dosage forms. <i>International Journal of Pharmaceutics</i> , 2019 , 569, 118593	6.5	20
11	3D floating tablets: Appropriate 3D design from the perspective of different in vitro dissolution testing methodologies. <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118433	6.5	17
10	Spectroscopic characterization of tablet properties in a continuous powder blending and tableting process. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 123, 10-19	5.1	16

9	Scaled-Up Production and Tableting of Grindable Electrospun Fibers Containing a Protein-Type Drug. <i>Pharmaceutics</i> , 2019 , 11,	6.4	16
8	Continuous drying of a protein-type drug using scaled-up fiber formation with HP- β -CD matrix resulting in a directly compressible powder for tableting. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 141, 105089	5.1	12
7	Investigation of Deteriorated Dissolution of Amorphous Itraconazole: Description of Incompatibility with Magnesium Stearate and Possible Solutions. <i>Molecular Pharmaceutics</i> , 2017 , 14, 3927-3934	5.6	11
6	Preformulation Studies of Furosemide-Loaded Electrospun Nanofibrous Systems for Buccal Administration. <i>Polymers</i> , 2017 , 9,	4.5	10
5	Continuous Formulation Approaches of Amorphous Solid Dispersions: Significance of Powder Flow Properties and Feeding Performance. <i>Pharmaceutics</i> , 2019 , 11,	6.4	10
4	Data fusion strategies for performance improvement of a Process Analytical Technology platform consisting of four instruments: An electrospinning case study. <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118473	6.5	9
3	Homogenization of Amorphous Solid Dispersions Prepared by Electrospinning in Low-Dose Tablet Formulation. <i>Pharmaceutics</i> , 2018 , 10,	6.4	9
2	Variable clustering and spectral angle mapper-orthogonal projection method for Raman mapping of compound detection in tablets. <i>Journal of Chemometrics</i> , 2017 , 31, e2861	1.6	6
1	Influence of Aqueous Solubility-Enhancing Excipients on the Microstructural Characteristics of Furosemide-Loaded Electrospun Nanofibers. <i>Pharmaceutics</i> , 2020 , 12,	6.4	3