

Attila Balogh

List of Publications by Year in descending order

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33
papers

1,398
citations

377584

21
h-index

488211

31
g-index

33
all docs

33
docs citations

33
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency and waveform dependence of alternating current electrospinning and their uses for drug dissolution enhancement. International Journal of Pharmaceutics, 2020, 586, 119593.	2.6	14
2	End-to-end continuous manufacturing of conventional compressed tablets: From flow synthesis to tableting through integrated crystallization and filtration. International Journal of Pharmaceutics, 2020, 581, 119297.	2.6	42
3	Electrospun amorphous solid dispersions of meloxicam: Influence of polymer type and downstream processing to orodispersible dosage forms. International Journal of Pharmaceutics, 2019, 569, 118593.	2.6	27
4	Data fusion strategies for performance improvement of a Process Analytical Technology platform consisting of four instruments: An electrospinning case study. International Journal of Pharmaceutics, 2019, 567, 118473.	2.6	17
5	Continuous manufacturing of orally dissolving webs containing a poorly soluble drug via electrospinning. European Journal of Pharmaceutical Sciences, 2019, 130, 91-99.	1.9	29
6	3D floating tablets: Appropriate 3D design from the perspective of different in vitro dissolution testing methodologies. International Journal of Pharmaceutics, 2019, 567, 118433.	2.6	27
7	Corona alternating current electrospinning: A combined approach for increasing the productivity of electrospinning. International Journal of Pharmaceutics, 2019, 561, 219-227.	2.6	39
8	The applicability of pharmaceutical polymeric blends for the fused deposition modelling (FDM) 3D technique: Material considerationsâ€“printabilityâ€“process modulation, with consecutive effects on in vitro release, stability and degradation. European Journal of Pharmaceutical Sciences, 2019, 129, 110-123.	1.9	106
9	The effect of formulation additives on in vitro dissolution-absorption profile and in vivo bioavailability of telmisartan from brand and generic formulations. European Journal of Pharmaceutical Sciences, 2018, 114, 310-317.	1.9	33
10	FPGA-Driven DAC with Second Order Sliding Mode Control of Filter Model for Hardware-In-the-Loop Simulators. , 2018, , .		2
11	Pharmaceutical and Macromolecular Technologies in the Spirit of Industry 4.0. Periodica Polytechnica: Chemical Engineering, 2018, 62, .	0.5	7
12	Power HIL Emulation of AC Machines with Parallel Connected ANPC Bridge Arms. , 2018, , .		1
13	Medicated Straws Based on Electrospun Solid Dispersions. Periodica Polytechnica: Chemical Engineering, 2018, 62, 310-316.	0.5	7
14	Homogenization of Amorphous Solid Dispersions Prepared by Electrospinning in Low-Dose Tablet Formulation. Pharmaceutics, 2018, 10, 114.	2.0	14
15	Continuous end-to-end production of solid drug dosage forms: Coupling flow synthesis and formulation by electrospinning. Chemical Engineering Journal, 2018, 350, 290-299.	6.6	57
16	Oral bioavailability enhancement of flubendazole by developing nanofibrous solid dosage forms. Drug Development and Industrial Pharmacy, 2017, 43, 1126-1133.	0.9	22
17	Novel Alternating Current Electrospinning of Hydroxypropylmethylcellulose Acetate Succinate (HPMCAS) Nanofibers for Dissolution Enhancement: The Importance of Solution Conductivity. Journal of Pharmaceutical Sciences, 2017, 106, 1634-1643.	1.6	28
18	The First Enantioselective Total Synthesis of (âˆ™)- <i>trans</i> -Dihydronarciclasine. Journal of Natural Products, 2017, 80, 1909-1917.	1.5	18

#	ARTICLE	IF	CITATIONS
19	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.	0.7	9
20	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.	2.6	42
21	Quantification and handling of nonlinearity in Raman micro-spectrometry of pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 236-246.	1.4	12
22	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.	2.3	62
23	Lubricant-Induced Crystallization of Itraconazole From Tablets Made of Electrospun Amorphous Solid Dispersion. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2982-2988.	1.6	31
24	AC and DC electrospinning of hydroxypropylmethylcellulose with polyethylene oxides as secondary polymer for improved drug dissolution. <i>International Journal of Pharmaceutics</i> , 2016, 505, 159-166.	2.6	44
25	Stable formulation of protein—type drug in electrospun polymeric fiber followed by tableting and scaling—up experiments. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1461-1467.	1.6	20
26	Melt-Blown and Electrospun Drug-Loaded Polymer Fiber Mats for Dissolution Enhancement: A Comparative Study. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1767-1776.	1.6	66
27	High speed electrospinning for scaled-up production of amorphous solid dispersion of itraconazole. <i>International Journal of Pharmaceutics</i> , 2015, 480, 137-142.	2.6	155
28	In vitro dissolution—permeation evaluation of an electrospun cyclodextrin-based formulation of aripiprazole using $\frac{1}{4}$ Flux—. <i>International Journal of Pharmaceutics</i> , 2015, 491, 180-189.	2.6	58
29	Electroblowing and electrospinning of fibrous diclofenac sodium-cyclodextrin complex-based reconstitution injection. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 26, 28-34.	1.4	49
30	Alternating current electrospinning for preparation of fibrous drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2015, 495, 75-80.	2.6	49
31	Plasticized Drug—Loaded Melt Electrospun Polymer Mats: Characterization, Thermal Degradation, and Release Kinetics. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1278-1287.	1.6	60
32	Polymer-free and polyvinylpyrrolidone-based electrospun solid dosage forms for drug dissolution enhancement. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 595-602.	1.9	66
33	Comparison of Electrospun and Extruded Soluplus®-Based Solid Dosage Forms of Improved Dissolution. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 322-332.	1.6	185