Attila Balogh

List of Publications by Year in descending order

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33	1,398	304743	434195
papers	citations	22 h-index	31 g-index

33	33	33	1552
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of Electrospun and Extruded SoluplusÂ®-Based Solid Dosage Forms of Improved Dissolution. Journal of Pharmaceutical Sciences, 2012, 101, 322-332.	3.3	185
2	High speed electrospinning for scaled-up production of amorphous solid dispersion of itraconazole. International Journal of Pharmaceutics, 2015, 480, 137-142.	5.2	155
3	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.	4.0	106
4	Polymer-free and polyvinylpirrolidone-based electrospun solid dosage forms for drug dissolution enhancement. European Journal of Pharmaceutical Sciences, 2013, 49, 595-602.	4.0	66
5	Melt-Blown and Electrospun Drug-Loaded Polymer Fiber Mats for Dissolution Enhancement: A Comparative Study. Journal of Pharmaceutical Sciences, 2015, 104, 1767-1776.	3.3	66
6	Investigation and Mathematical Description of the Real Driving Force of Passive Transport of Drug Molecules from Supersaturated Solutions. Molecular Pharmaceutics, 2016, 13, 3816-3826.	4.6	62
7	Plasticized Drugâ€Loaded Melt Electrospun Polymer Mats: Characterization, Thermal Degradation, and Release Kinetics. Journal of Pharmaceutical Sciences, 2014, 103, 1278-1287.	3.3	60
8	In vitro dissolutionâ€“permeation evaluation of an electrospun cyclodextrin-based formulation of aripiprazole using Î¼Fluxâ„¢. International Journal of Pharmaceutics, 2015, 491, 180-189.	5.2	58
9	Continuous end-to-end production of solid drug dosage forms: Coupling flow synthesis and formulation by electrospinning. Chemical Engineering Journal, 2018, 350, 290-299.	12.7	57
10	Electroblowing and electrospinning of fibrous diclofenac sodium-cyclodextrin complex-based reconstitution injection. Journal of Drug Delivery Science and Technology, 2015, 26, 28-34.	3.0	49
11	Alternating current electrospinning for preparation of fibrous drug delivery systems. International Journal of Pharmaceutics, 2015, 495, 75-80.	5.2	49
12	AC and DC electrospinning of hydroxypropylmethylcellulose with polyethylene oxides as secondary polymer for improved drug dissolution. International Journal of Pharmaceutics, 2016, 505, 159-166.	5.2	44
13	Controlled-release solid dispersions of EudragitÂ® FS 100 and poorly soluble spironolactone prepared by electrospinning and melt extrusion. European Polymer Journal, 2017, 95, 406-417.	5.4	42
14	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.	5.2	42
15	Corona alternating current electrospinning: A combined approach for increasing the productivity of electrospinning. International Journal of Pharmaceutics, 2019, 561, 219-227.	5.2	39
16	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.	4.0	33
17	Lubricant-Induced Crystallization of Itraconazole From Tablets Made of Electrospun Amorphous Solid Dispersion. Journal of Pharmaceutical Sciences, 2016, 105, 2982-2988.	3.3	31
18	Continuous manufacturing of orally dissolving webs containing a poorly soluble drug via electrospinning. European Journal of Pharmaceutical Sciences, 2019, 130, 91-99.	4.0	29

#	Article	IF	Citations
19	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.	3.3	28
20	Electrospun amorphous solid dispersions of meloxicam: Influence of polymer type and downstream processing to orodispersible dosage forms. International Journal of Pharmaceutics, 2019, 569, 118593.	5.2	27
21	3D floating tablets: Appropriate 3D design from the perspective of different in vitro dissolution testing methodologies. International Journal of Pharmaceutics, 2019, 567, 118433.	5.2	27
22	Oral bioavailability enhancement of flubendazole by developing nanofibrous solid dosage forms. Drug Development and Industrial Pharmacy, 2017, 43, 1126-1133.	2.0	22
23	Stable formulation of proteinâ€type drug in electrospun polymeric fiber followed by tableting and scalingâ€up experiments. Polymers for Advanced Technologies, 2015, 26, 1461-1467.	3.2	20
24	The First Enantioselective Total Synthesis of (â^')-trans-Dihydronarciclasine. Journal of Natural Products, 2017, 80, 1909-1917.	3.0	18
25	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.	5.2	17
26	Homogenization of Amorphous Solid Dispersions Prepared by Electrospinning in Low-Dose Tablet Formulation. Pharmaceutics, 2018, 10, 114.	4.5	14
27	Frequency and waveform dependence of alternating current electrospinning and their uses for drug dissolution enhancement. International Journal of Pharmaceutics, 2020, 586, 119593.	5.2	14
28	Quantification and handling of nonlinearity in Raman micro-spectrometry of pharmaceuticals. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 236-246.	2.8	12
29	Variable clustering and spectral angle mapperâ€orthogonal projection method for Raman mapping of compound detection in tablets. Journal of Chemometrics, 2017, 31, e2861.	1.3	9
30	Pharmaceutical and Macromolecular Technologies in the Spirit of Industry 4.0. Periodica Polytechnica: Chemical Engineering, 2018, 62, .	1.1	7
31	Medicated Straws Based on Electrospun Solid Dispersions. Periodica Polytechnica: Chemical Engineering, 2018, 62, 310-316.	1.1	7
32	FPGA-Driven DAC with Second Order Sliding Mode Control of Filter Model for Hardware-In-the-Loop Simulators. , 2018, , .		2
33	Power HIL Emulation of AC Machines with Parallel Connected ANPC Bridge Arms. , 2018, , .		1