Brigitta Nagy

List of Publications by Year
in descending order

22	718	706676 14	759306 22
papers	citations	h-index	g-index

22	22	22	755
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flux-Based Formulation Developmentâ€"A Proof of Concept Study. AAPS Journal, 2022, 24, 22.	2.2	3
2	Raman mapping-based non-destructive dissolution prediction of sustained-release tablets. Journal of Pharmaceutical and Biomedical Analysis, 2022, 212, 114661.	1.4	18
3	Raman-based real-time dissolution prediction using a deterministic permeation model. International Journal of Pharmaceutics, 2022, 617, 121624.	2.6	7
4	UV/VIS imaging-based PAT tool for drug particle size inspection in intact tablets supported by pattern recognition neural networks. International Journal of Pharmaceutics, 2022, 620, 121773.	2.6	9
5	Integrated Continuous Pharmaceutical Technologiesâ€"A Review. Organic Process Research and Development, 2021, 25, 721-739.	1.3	72
6	Real-time release testing of dissolution based on surrogate models developed by machine learning algorithms using NIR spectra, compression force and particle size distribution as input data. International Journal of Pharmaceutics, 2021, 597, 120338.	2.6	42
7	Continuous blending monitored and feedback controlled by machine vision-based PAT tool. Journal of Pharmaceutical and Biomedical Analysis, 2021, 196, 113902.	1.4	9
8	Continuous downstream processing of milled electrospun fibers to tablets monitored by near-infrared and Raman spectroscopy. European Journal of Pharmaceutical Sciences, 2021, 164, 105907.	1.9	7
9	Process Design of Continuous Powder Blending Using Residence Time Distribution and Feeding Models. Pharmaceutics, 2020, 12, 1119.	2.0	17
10	Direct Processing of a Flow Reaction Mixture Using Continuous Mixed Suspension Mixed Product Removal Crystallizer. Crystal Growth and Design, 2020, 20, 4433-4442.	1.4	12
11	Digital UV/VIS imaging: A rapid PAT tool for crushing strength, drug content and particle size distribution determination in tablets. International Journal of Pharmaceutics, 2020, 578, 119174.	2.6	29
12	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
13	Fast, Spectroscopy-Based Prediction of In Vitro Dissolution Profile of Extended Release Tablets Using Artificial Neural Networks. Pharmaceutics, 2019, 11, 400.	2.0	27
14	Application of artificial neural networks for Process Analytical Technology-based dissolution testing. International Journal of Pharmaceutics, 2019, 567, 118464.	2.6	52
15	Continuous alternative to freeze drying: Manufacturing of cyclodextrin-based reconstitution powder from aqueous solution using scaled-up electrospinning. Journal of Controlled Release, 2019, 298, 120-127.	4.8	47
16	Raman Spectroscopy for Process Analytical Technologies of Pharmaceutical Secondary Manufacturing. AAPS PharmSciTech, 2019, 20, 1.	1.5	126
17	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
18	Spectroscopic characterization of tablet properties in a continuous powder blending and tableting process. European Journal of Pharmaceutical Sciences, 2018, 123, 10-19.	1.9	19

#	Article	IF	Citations
19	Variable clustering and spectral angle mapperâ€orthogonal projection method for Raman mapping of compound detection in tablets. Journal of Chemometrics, 2017, 31, e2861.	0.7	9
20	In-line Raman spectroscopic monitoring and feedback control of a continuous twin-screw pharmaceutical powder blending and tableting process. International Journal of Pharmaceutics, 2017, 530, 21-29.	2.6	82
21	Quantification and handling of nonlinearity in Raman micro-spectrometry of pharmaceuticals. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 236-246.	1.4	12
22	AC and DC electrospinning of hydroxypropylmethylcellulose with polyethylene oxides as secondary polymer for improved drug dissolution. International Journal of Pharmaceutics, 2016, 505, 159-166.	2.6	44