

Lajos Madarász

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

220
citations

1039880

9
h-index

996849

15
g-index

17
all docs

17
docs citations

17
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time feedback control of twin-screw wet granulation based on image analysis. <i>International Journal of Pharmaceutics</i> , 2018, 547, 360-367.	2.6	36
2	Digital UV/VIS imaging: A rapid PAT tool for crushing strength, drug content and particle size distribution determination in tablets. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119174.	2.6	29
3	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.	2.6	17
4	Process Design of Continuous Powder Blending Using Residence Time Distribution and Feeding Models. <i>Pharmaceutics</i> , 2020, 12, 1119.	2.0	17
5	Real-time amino acid and glucose monitoring system for the automatic control of nutrient feeding in CHO cell culture using Raman spectroscopy. <i>Biotechnology Journal</i> , 2022, 17, e2100395.	1.8	17
6	Videometric mass flow control: A new method for real-time measurement and feedback control of powder micro-feeding based on image analysis. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119223.	2.6	16
7	Image Analysis: A Versatile Tool in the Manufacturing and Quality Control of Pharmaceutical Dosage Forms. <i>Pharmaceutics</i> , 2021, 13, 685.	2.0	16
8	Combination of PAT and mechanistic modeling tools in a fully continuous powder to granule line: Rapid and deep process understanding. <i>Powder Technology</i> , 2021, 388, 70-81.	2.1	14
9	Raman-based dynamic feeding strategies using real-time glucose concentration monitoring system during adalimumab producing CHO cell cultivation. <i>Biotechnology Progress</i> , 2020, 36, e3052.	1.3	13
10	UV/VIS imaging-based PAT tool for drug particle size inspection in intact tablets supported by pattern recognition neural networks. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121773.	2.6	9
11	Continuous Manufacturing of Homogeneous Ultralow-Dose Granules by Twin-Screw Wet Granulation. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 391-400.	0.5	8
12	Indirect monitoring of ultralow dose API content in continuous wet granulation and tableting by machine vision. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121008.	2.6	7
13	Continuous downstream processing of milled electrospun fibers to tablets monitored by near-infrared and Raman spectroscopy. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105907.	1.9	7
14	In-line particle size measurement based on image analysis in a fully continuous granule manufacturing line for rapid process understanding and development. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121280.	2.6	6
15	Soft sensor for content prediction in an integrated continuous pharmaceutical formulation line based on the residence time distribution of unit operations. <i>International Journal of Pharmaceutics</i> , 2022, 624, 121950.	2.6	4
16	Real-Time Monitoring of Continuous Pharmaceutical Mixed Suspension Mixed Product Removal Crystallization Using Image Analysis. <i>Organic Process Research and Development</i> , 2022, 26, 149-158.	1.3	3
17	Powder filling of electrospun material in vials: A proof-of-concept study. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121413.	2.6	1