Daan Van Hauwermeiren

List of Publications by Year
in descending order

		1307594	1281871
12 papers	**167** citations	**7** h-index	**11** g-index
13 all docs	**13** docs citations	**13** times ranked	**146** citing authors

#	Article	IF	Citations
1	Determination and understanding of lead-lag between in-line NIR tablet press feed frame and off-line NIR tablet measurements. International Journal of Pharmaceutics, 2022, 611, 121328.	5.2	3
2	Improvement of a 1D Population Balance Model for Twin-Screw Wet Granulation by Using Identifiability Analysis. Pharmaceutics, 2021, 13, 692.	4.5	11
3	TPLS as predictive platform for twin-screw wet granulation process and formulation development. International Journal of Pharmaceutics, 2021, 605, 120785.	5.2	7
4	Development of a tablet press feed frame lead lag determination model using in-line and off-line NIR measurements. International Journal of Pharmaceutics, 2021, , 121284.	5.2	4
5	Predicting Pharmaceutical Particle Size Distributions Using Kernel Mean Embedding. Pharmaceutics, 2020, 12, 271.	4.5	14
6	On the modelling of granule size distributions in twin-screw wet granulation: Calibration of a novel compartmental population balance model. Powder Technology, 2019, 341, 116-125.	4.2	29
7	Heat Transfer Evaluation During Twin-Screw Wet Granulation in View of Detailed Process Understanding. AAPS PharmSciTech, 2019, 20, 291.	3.3	13
8	Model-based NIR spectroscopy implementation for in-line assay monitoring during a pharmaceutical suspension manufacturing process. International Journal of Pharmaceutics, 2018, 546, 247-254.	5.2	20
9	In-depth experimental analysis of pharmaceutical twin-screw wet granulation in view of detailed process understanding. International Journal of Pharmaceutics, 2017, 529, 678-693.	5.2	53
10	Application of iterative robust model-based optimal experimental design for the calibration of biocatalytic models. Biotechnology Progress, 2017, 33, 1278-1293.	2.6	9
11	Methodology and Pitfalls when Calibrating a PBM: the Case of Twin-Screw Wet Granulation. Computer Aided Chemical Engineering, 2017, 40, 43-48.	0.5	0
12	Quantifying the importance of flow maldistribution in numbered-up microreactors. Computer Aided Chemical Engineering, 2016, 38, 1225-1230.	0.5	4