

Daan Van Hauwermeiren

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

167
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

146
citing authors

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