

James Scicolone

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

483
citations

840585

11
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved blend and tablet properties of fine pharmaceutical powders via dry particle coating. <i>International Journal of Pharmaceutics</i> , 2015, 478, 447-455.	2.6	78
2	Flow and bulk density enhancements of pharmaceutical powders using a conical screen mill: A continuous dry coating device. <i>Chemical Engineering Science</i> , 2015, 125, 209-224.	1.9	57
3	Assessment of blend uniformity in a continuous tablet manufacturing process. <i>International Journal of Pharmaceutics</i> , 2019, 560, 322-333.	2.6	52
4	Discrete element method simulation of cohesive particles mixing under magnetically assisted impaction. <i>Powder Technology</i> , 2013, 243, 96-109.	2.1	47
5	Using a material property library to find surrogate materials for pharmaceutical process development. <i>Powder Technology</i> , 2018, 339, 659-676.	2.1	47
6	Discrete element method simulation of a conical screen mill: A continuous dry coating device. <i>Chemical Engineering Science</i> , 2015, 125, 58-74.	1.9	37
7	Formation of stainless steel-carbon nanotube composites using a scalable chemical vapor infiltration process. <i>Journal of Materials Science</i> , 2013, 48, 1387-1395.	1.7	23
8	A Training on: Continuous Manufacturing (Direct Compaction) of Solid Dose Pharmaceutical Products. <i>Journal of Pharmaceutical Innovation</i> , 2018, 13, 155-187.	1.1	22
9	Fluidization and mixing of nanoparticle agglomerates assisted via magnetic impaction. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	19
10	Environmentally benign nanomixing by sonication in high-pressure carbon dioxide. <i>Journal of Nanoparticle Research</i> , 2009, 11, 405-419.	0.8	18
11	Environmentally benign dry mechanical mixing of nano-particles using magnetically assisted impaction mixing process. <i>Powder Technology</i> , 2011, 209, 138-146.	2.1	12
12	Prediction of tablet weight variability in continuous manufacturing. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118727.	2.6	12
13	Using residence time distribution in pharmaceutical solid dose manufacturing - A critical review. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121248.	2.6	11
14	Identifying a Loss-in-Weight Feeder Design Space Based on Performance and Material Properties. <i>Journal of Pharmaceutical Innovation</i> , 2020, 15, 482-495.	1.1	10
15	Solubility and diffusivity of solvents by packed column inverse gas chromatography. <i>Polymer</i> , 2006, 47, 5364-5370.	1.8	8
16	Effect of liquid addition on the bulk and flow properties of fine and coarse glass beads. <i>AIChE Journal</i> , 2016, 62, 648-658.	1.8	8
17	Method transfer of a near-infrared spectroscopic method for blend uniformity in a poorly flowing and hygroscopic blend. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113054.	1.4	8
18	Improving Feedability of Highly Adhesive Active Pharmaceutical Ingredients by Silication. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 279-292.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Residence time distribution as a traceability method for lot changes in a pharmaceutical continuous manufacturing system. International Journal of Pharmaceutics, 2022, 611, 121313.	2.6	2
20	Starch Products as Candidate Excipients in a Continuous Direct Compression Line. Journal of Pharmaceutical Innovation, 0, , 1.	1.1	0