James Scicolone

List of Publications by Year
in descending order

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

#	Article	IF	Citations
19	Solubility and diffusivity of solvents by packed column inverse gas chromatography. Polymer, 2006, 47, 5364-5370.	1.8	8
20	Starch Products as Candidate Excipients in a Continuous Direct Compression Line. Journal of Pharmaceutical Innovation, 0, , 1.	1.1	0