

Pirjo Tajarobi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

487
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of PAT Strategies in Secondary Solid Oral Dosage Manufacturing of Small Molecules. Journal of Pharmaceutical Sciences, 2017, 106, 667-712.	3.3	72
2	Continuous manufacturing of extended release tablets via powder mixing and direct compression. International Journal of Pharmaceutics, 2015, 495, 290-301.	5.2	53
3	A quality by design approach to investigate the effect of mannitol and dicalcium phosphate qualities on roll compaction. International Journal of Pharmaceutics, 2013, 447, 47-61.	5.2	50
4	Comparative analyses of flow and compaction properties of diverse mannitol and lactose grades. International Journal of Pharmaceutics, 2018, 546, 39-49.	5.2	42
5	Roll compaction process modeling: Transfer between equipment and impact of process parameters. International Journal of Pharmaceutics, 2015, 484, 192-206.	5.2	37
6	Design Space Estimation of the Roller Compaction Process. Industrial & Engineering Chemistry Research, 2013, 52, 12408-12419.	3.7	36
7	Tableting performance of various mannitol and lactose grades assessed by compaction simulation and chemometrical analysis. International Journal of Pharmaceutics, 2019, 566, 24-31.	5.2	35
8	Combining experimental design and orthogonal projections to latent structures to study the influence of microcrystalline cellulose properties on roll compaction. International Journal of Pharmaceutics, 2011, 416, 110-119.	5.2	29
9	Provoking an end-to-end continuous direct compression line with raw materials prone to segregation. European Journal of Pharmaceutical Sciences, 2017, 109, 514-524.	4.0	28
10	Comparison between integrated continuous direct compression line and batch processing – The effect of raw material properties. European Journal of Pharmaceutical Sciences, 2019, 133, 40-53.	4.0	26
11	Comparison between twin-screw and high-shear granulation - The effect of filler and active pharmaceutical ingredient on the granule and tablet properties. Powder Technology, 2020, 376, 187-198.	4.2	16
12	Continuous Twin Screw Wet Granulation and Drying – Control Strategy for Drug Product Manufacturing. Journal of Pharmaceutical Sciences, 2019, 108, 3502-3514.	3.3	12
13	Achieving a robust drug release from extended release tablets using an integrated continuous mixing and direct compression line. International Journal of Pharmaceutics, 2016, 511, 659-668.	5.2	11
14	Twin-screw granulation and high-shear granulation: The influence of mannitol grade on granule and tablet properties. International Journal of Pharmaceutics, 2020, 590, 119890.	5.2	10
15	Powder flow from an intermediate bulk container – Discharge predictions and experimental evaluation. International Journal of Pharmaceutics, 2021, 597, 120309.	5.2	7
16	Drying in a continuous wet granulation line: Investigation of different end of drying control methods. Powder Technology, 2021, 392, 157-166.	4.2	7
17	A systematic study of the impact of changes of roller compactor equipment on granule and tablet properties. Powder Technology, 2019, 341, 11-22.	4.2	6
18	Optical porosimetry by gas in scattering media absorption spectroscopy (GASMAS) applied to roller compaction ribbons. International Journal of Pharmaceutics, 2021, 592, 120056.	5.2	6

#	ARTICLE	IF	CITATIONS
19	Characterization of microcrystalline cellulose spheres and prediction of hopper flow based on a $\frac{1}{4}$ (I)-rheology model. European Journal of Pharmaceutical Sciences, 2020, 142, 105085.	4.0	2
20	Faster to First-time-in-Human: Prediction of the liquid solid ratio for continuous wet granulation. European Journal of Pharmaceutical Sciences, 2022, 172, 106151.	4.0	2