Chalak S Omar

List of Publications by Year
in descending order

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13 papers	107 citations	1478505 6 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	65 citing authors

#	Article	IF	Citations
1	Relationship between powder properties and uniformity of ribbon property using feeding guider designs with thermography (PAT) in roller compaction. Powder Technology, 2022, 398, 117134.	4.2	1
2	Industry 4.0 in Action: Digitalisation of a Continuous Process Manufacturing for Formulated Products. Digital Chemical Engineering, 2022, 3, 100025.	2.2	6
3	Tableting model assessment of porosity and tensile strength using a continuous wet granulation route. International Journal of Pharmaceutics, 2021, 607, 120934.	5.2	4
4	Application of feeding guiders to improve the powder distribution in the two scales of roller compactors. International Journal of Pharmaceutics, 2020, 573, 118815.	5.2	2
5	Twin screw granulation: A simpler re-derivation of quantifying fill level. International Journal of Pharmaceutics, 2020, 591, 119959.	5.2	6
6	Roller compaction: Infrared thermography as a PAT for monitoring powder flow from feeding to compaction zone. International Journal of Pharmaceutics, 2020, 578, 119114.	5.2	8
7	Assessing Particle Segregation Using Near-Infrared Chemical Imaging in Twin Screw Granulation. International Journal of Pharmaceutics, 2019, 568, 118541.	5.2	15
8	Roller compaction: Ribbon splitting and sticking. International Journal of Pharmaceutics, 2019, 559, 156-172.	5.2	8
9	Roller compaction: Improving the homogeneity of ribbon properties along the roller width. Powder Technology, 2019, 342, 464-474.	4.2	2
10	Improving feeding powder distribution to the compaction zone in the roller compaction. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 128, 57-68.	4.3	5
11	Implementation of an online thermal imaging to study the effect of process parameters of roller compactor. Drug Delivery and Translational Research, 2018, 8, 1604-1614.	5.8	3
12	Roller compaction: Effect of relative humidity of lactose powder. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 106, 26-37.	4.3	22
13	Roller compaction: Effect of morphology and amorphous content of lactose powder on product quality. International Journal of Pharmaceutics, 2015, 496, 63-74.	5.2	25