Vikram Karde

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8669582/publications.pdf

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17	387	933447	940533
papers	citations	10 h-index	16 g-index

17	17	17	447
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of surface modification on wettability and surface energy characteristics of pharmaceutical excipient powders. International Journal of Pharmaceutics, 2014, 475, 351-363.	5.2	81
2	Influence of particle properties on powder bulk behaviour and processability. International Journal of Pharmaceutics, 2017, 518, 138-154.	5.2	66
3	Influences of Crystal Anisotropy in Pharmaceutical Process Development. Pharmaceutical Research, 2018, 35, 100.	3.5	44
4	Surface modification to improve powder bulk behavior under humid conditions. Powder Technology, 2015, 278, 181-188.	4.2	37
5	Surface hydrophobicity: effect of alkyl chain length and network homogeneity. Frontiers of Chemical Science and Engineering, 2021, 15, 90-98.	4.4	33
6	Wettability measurement apparatus for porous material using the modified Washburn method. Measurement Science and Technology, 2013, 24, 125902.	2.6	30
7	Fine powder flow under humid environmental conditions from the perspective of surface energy. International Journal of Pharmaceutics, 2015, 485, 192-201.	5.2	29
8	Effect of particle and surface properties on flowability of rice flours. Food Bioscience, 2018, 23, 38-44.	4.4	16
9	Adhesion force approximation at varying consolidation stresses for fine powder under humid conditions. Advanced Powder Technology, 2017, 28, 346-355.	4.1	12
10	Understanding flow properties of mannitol powder at a range of temperature and humidity. International Journal of Pharmaceutics, 2021, 596, 120244.	5.2	11
11	Effect of temperature on the surface free energy and acidâ€“base properties of Gabapentin and Pregabalin drugs â^' a comparative study. RSC Advances, 2015, 5, 48712-48719.	3.6	10
12	Influence of interparticle structuring on the surface energetics of a binary powder system. International Journal of Pharmaceutics, 2020, 581, 119295.	5.2	7
13	Gravity on Crystallization of Lysozyme: Slower or Faster?. Crystal Growth and Design, 2019, 19, 7402-7410.	3.0	6
14	Investigating sizing induced surface alterations in crystalline powders using surface energy heterogeneity determination. Powder Technology, 2022, 395, 645-651.	4.2	2
15	Flow improvement of fine oxidizer using nano-additives. Advanced Powder Technology, 2022, 33, 103711.	4.1	2
16	Humidity induced interparticle friction and its mitigation in fine powder flow. Particulate Science and Technology, 2022, 40, 598-608.	2.1	1
17	Rational synthesis of polymer coated inorganic nanoparticles-MWCNT hybrids via solvophobic effects. Carbon Trends, 2022, 6, 100141.	3.0	0