

Vikram Karde

List of Publications by Year in descending order

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citing authors

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