

John F Gamble

List of Publications by Year in descending order

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28
papers

638
citations

567281

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h-index

580821

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all docs

28
docs citations

28
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the Morphological Nature of Hollow Spray Dried Dispersion Particles Using X-ray Submicron-Computed Tomography. AAPS PharmSciTech, 2022, 23, 40.	3.3	8
2	Demonstration of the Feasibility of Predicting the Flow of Pharmaceutically Relevant Powders from Particle and Bulk Physical Properties. Journal of Pharmaceutical Innovation, 2021, 16, 181-196.	2.4	16
3	Determining the Impact of Roller Compaction Processing Conditions on Granule and API Properties. AAPS PharmSciTech, 2020, 21, 218.	3.3	3
4	Alternative approach for defining the particle population requirements for static image analysis based particle characterization methods. Advanced Powder Technology, 2019, 30, 920-929.	4.1	8
5	A Proposal for an Alternative Approach to Particle Size Method Development During Early-Stage Small Molecule Pharmaceutical Development. Journal of Pharmaceutical Sciences, 2019, 108, 3515-3520.	3.3	7
6	Enhanced Understanding of Pharmaceutical Materials Through Advanced Characterisation and Analysis. AAPS PharmSciTech, 2018, 19, 3462-3480.	3.3	10
7	Applications of Multivariate Analysis to Monitor and Predict Pharmaceutical Materials Properties. , 2018, , 235-267.		4
8	Determination of process variables affecting drug particle attrition within multi-component blends during powder feed transmission. Pharmaceutical Development and Technology, 2017, 22, 904-909.	2.4	10
9	Application of X-ray microtomography for the characterisation of hollow polymer-stabilised spray dried amorphous dispersion particles. International Journal of Pharmaceutics, 2016, 510, 1-8.	5.2	18
10	The Secondary Drying and the Fate of Organic Solvents for Spray Dried Dispersion Drug Product. Pharmaceutical Research, 2015, 32, 1804-1816.	3.5	15
11	Development of a Material Sparing Bulk Density Test Comparable to a Standard USP Method for Use in Early Development of APIs. AAPS PharmSciTech, 2015, 16, 165-170.	3.3	8
12	Application of Image-Based Particle Size and Shape Characterization Systems in the Development of Small Molecule Pharmaceuticals. Journal of Pharmaceutical Sciences, 2015, 104, 1563-1574.	3.3	28
13	Investigation into process-induced de-aggregation of cohesive micronised API particles. International Journal of Pharmaceutics, 2015, 493, 341-346.	5.2	10
14	Measuring the sticking of mefenamic acid powders on stainless steel surface. International Journal of Pharmaceutics, 2015, 496, 407-413.	5.2	19
15	Application of imaging based tools for the characterisation of hollow spray dried amorphous dispersion particles. International Journal of Pharmaceutics, 2014, 465, 210-217.	5.2	31
16	A control strategy for bioavailability enhancement by size reduction: Effect of micronization conditions on the bulk, surface and blending characteristics of an active pharmaceutical ingredient. Powder Technology, 2014, 258, 222-233.	4.2	34
17	Monitoring process induced attrition of drug substance particles within formulated blends. International Journal of Pharmaceutics, 2014, 470, 77-87.	5.2	25
18	Effect of crystal habits on the surface energy and cohesion of crystalline powders. International Journal of Pharmaceutics, 2014, 472, 140-147.	5.2	50

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19	Investigating the applicability of inverse gas chromatography to binary powdered systems: An application of surface heterogeneity profiles to understanding preferential probe-surface interactions. <i>International Journal of Pharmaceutics</i> , 2013, 445, 39-46.	5.2	26
20	Imaging Dehydration Kinetics of a Channel Hydrate Form of the HIV-1 Attachment Inhibitor Prodrug BMS-663068. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 4375-4383.	3.3	2
21	Application of external lubrication during the roller compaction of adhesive pharmaceutical formulations. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 246-256.	2.4	9
22	An investigation into the impact of magnesium stearate on powder feeding during roller compaction. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 111-122.	2.0	11
23	Surface energy analysis as a tool to probe the surface energy characteristics of micronized materials—A comparison with inverse gas chromatography. <i>International Journal of Pharmaceutics</i> , 2012, 422, 238-244.	5.2	56
24	Investigation into the impact of sub-populations of agglomerates on the particle size distribution and flow properties of conventional microcrystalline cellulose grades. <i>Pharmaceutical Development and Technology</i> , 2011, 16, 542-548.	2.4	62
25	Investigation into the Degree of Variability in the Solid-State Properties of Common Pharmaceutical Excipients—Anhydrous Lactose. <i>AAPS PharmSciTech</i> , 2010, 11, 1552-1557.	3.3	28
26	Roller compaction: Application of an in-gap ribbon porosity calculation for the optimization of downstream granule flow and compactability characteristics. <i>Pharmaceutical Development and Technology</i> , 2010, 15, 223-229.	2.4	30
27	Amorphous Drug-PVP Dispersions: Application of Theoretical, Thermal and Spectroscopic Analytical Techniques to the Study of a Molecule With Intermolecular Bonds in Both the Crystalline and Pure Amorphous State. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 3456-3468.	3.3	83
28	Monitoring and end-point prediction of a small scale wet granulation process using acoustic emission. <i>Pharmaceutical Development and Technology</i> , 2009, 14, 299-304.	2.4	27