

# John F Gamble

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

638  
citations

567281

15  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

597  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Effect of crystal habits on the surface energy and cohesion of crystalline powders. <i>International Journal of Pharmaceutics</i> , 2014, 472, 140-147.	5.2	50
5	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. <i>Powder Technology</i> , 2014, 258, 222-233.	4.2	34
6	Application of imaging based tools for the characterisation of hollow spray dried amorphous dispersion particles. <i>International Journal of Pharmaceutics</i> , 2014, 465, 210-217.	5.2	31
7	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
8	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
9	Application of Image-Based Particle Size and Shape Characterization Systems in the Development of Small Molecule Pharmaceuticals. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1563-1574.	3.3	28
10	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
11	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
12	Monitoring process induced attrition of drug substance particles within formulated blends. <i>International Journal of Pharmaceutics</i> , 2014, 470, 77-87.	5.2	25
13	Measuring the sticking of mefenamic acid powders on stainless steel surface. <i>International Journal of Pharmaceutics</i> , 2015, 496, 407-413.	5.2	19
14	Application of X-ray microtomography for the characterisation of hollow polymer-stabilised spray dried amorphous dispersion particles. <i>International Journal of Pharmaceutics</i> , 2016, 510, 1-8.	5.2	18
15	Demonstration of the Feasibility of Predicting the Flow of Pharmaceutically Relevant Powders from Particle and Bulk Physical Properties. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 181-196.	2.4	16
16	The Secondary Drying and the Fate of Organic Solvents for Spray Dried Dispersion Drug Product. <i>Pharmaceutical Research</i> , 2015, 32, 1804-1816.	3.5	15
17	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
18	Investigation into process-induced de-aggregation of cohesive micronised API particles. <i>International Journal of Pharmaceutics</i> , 2015, 493, 341-346.	5.2	10

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19	Determination of process variables affecting drug particle attrition within multi-component blends during powder feed transmission. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 904-909.	2.4	10
20	Enhanced Understanding of Pharmaceutical Materials Through Advanced Characterisation and Analysis. <i>AAPS PharmSciTech</i> , 2018, 19, 3462-3480.	3.3	10
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	Development of a Material Sparing Bulk Density Test Comparable to a Standard USP Method for Use in Early Development of APIs. <i>AAPS PharmSciTech</i> , 2015, 16, 165-170.	3.3	8
23	Alternative approach for defining the particle population requirements for static image analysis based particle characterization methods. <i>Advanced Powder Technology</i> , 2019, 30, 920-929.	4.1	8
24	Characterization of the Morphological Nature of Hollow Spray Dried Dispersion Particles Using X-ray Submicron-Computed Tomography. <i>AAPS PharmSciTech</i> , 2022, 23, 40.	3.3	8
25	A Proposal for an Alternative Approach to Particle Size Method Development During Early-Stage Small Molecule Pharmaceutical Development. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3515-3520.	3.3	7
26	Applications of Multivariate Analysis to Monitor and Predict Pharmaceutical Materials Properties. , 2018, , 235-267.		4
27	Determining the Impact of Roller Compaction Processing Conditions on Granule and API Properties. <i>AAPS PharmSciTech</i> , 2020, 21, 218.	3.3	3
28	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