

John A Denman

List of Publications by Year in descending order

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28
papers

1,288
citations

430874

18
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1602
citing authors

#	ARTICLE	IF	CITATIONS
1	The Vroman effect: Competitive protein exchange with dynamic multilayer protein aggregates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 395-404.	5.0	240
2	L-Leucine as an excipient against moisture on in vitro aerosolization performances of highly hygroscopic spray-dried powders. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 132-141.	4.3	135
3	A novel dry powder inhalable formulation incorporating three first-line anti-tubercular antibiotics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 285-292.	4.3	86
4	Characterization of the surface properties of a model pharmaceutical fine powder modified with a pharmaceutical lubricant to improve flow via a mechanical dry coating approach. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3421-3430.	3.3	73
5	Relationship between surface concentration of L-leucine and bulk powder properties in spray dried formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 160-169.	4.3	72
6	Synergistic Antibiotic Combination Powders of Colistin and Rifampicin Provide High Aerosolization Efficiency and Moisture Protection. <i>AAPS Journal</i> , 2014, 16, 37-47.	4.4	69
7	Organic and inorganic discrimination of ballpoint pen inks by ToF-SIMS and multivariate statistics. <i>Applied Surface Science</i> , 2010, 256, 2155-2163.	6.1	67
8	Investigation of the extent of surface coating via mechanofusion with varying additive levels and the influences on bulk powder flow properties. <i>International Journal of Pharmaceutics</i> , 2011, 413, 36-43.	5.2	61
9	Characterization of chemoselective surface attachment of the cationic peptide melimine and its effects on antimicrobial activity. <i>Acta Biomaterialia</i> , 2012, 8, 4371-4379.	8.3	52
10	Effects of Surface Composition on the Aerosolisation and Dissolution of Inhaled Antibiotic Combination Powders Consisting of Colistin and Rifampicin. <i>AAPS Journal</i> , 2016, 18, 372-384.	4.4	43
11	Protection of hydrophobic amino acids against moisture-induced deterioration in the aerosolization performance of highly hygroscopic spray-dried powders. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 224-234.	4.3	43
12	How Much Surface Coating of Hydrophobic Azithromycin Is Sufficient to Prevent Moisture-Induced Decrease in Aerosolisation of Hygroscopic Amorphous Colistin Powder?. <i>AAPS Journal</i> , 2016, 18, 1213-1224.	4.4	42
13	Influence of coating material on the flowability and dissolution of dry-coated fine ibuprofen powders. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 78, 264-272.	4.0	38
14	Discrimination of pencil markings on paper using elemental analysis: An initial investigation. <i>Forensic Science International</i> , 2008, 175, 123-129.	2.2	36
15	Co-spray drying of hygroscopic kanamycin with the hydrophobic drug rifampicin to improve the aerosolization of kanamycin powder for treating respiratory infections. <i>International Journal of Pharmaceutics</i> , 2018, 541, 26-36.	5.2	36
16	Detecting the Presence of Denatured Human Serum Albumin in an Adsorbed Protein Monolayer Using TOF-SIMS. <i>Langmuir</i> , 2010, 26, 12075-12080.	3.5	35
17	Investigation of the potential for direct compaction of a fine ibuprofen powder dry-coated with magnesium stearate. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 825-837.	2.0	35
18	Manipulation of spray-drying conditions to develop dry powder particles with surfaces enriched in hydrophobic material to achieve high aerosolization of a hygroscopic drug. <i>International Journal of Pharmaceutics</i> , 2018, 543, 318-327.	5.2	31

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19	Composite particle formulations of colistin and meropenem with improved in-vitro bacterial killing and aerosolization for inhalation. <i>International Journal of Pharmaceutics</i> , 2018, 548, 443-453.	5.2	20
20	The Adsorption of n-Octanohydroxamate Collector on Cu and Fe Oxide Minerals Investigated by Static Secondary Ion Mass Spectrometry. <i>Minerals (Basel, Switzerland)</i> , 2012, 2, 493-515.	2.0	15
21	Effects of Coating Materials and Processing Conditions on Flow Enhancement of Cohesive Acetaminophen Powders by High-Shear Processing With Pharmaceutical Lubricants. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3022-3032.	3.3	13
22	An Investigation into the Spatial Elemental Distribution Within a Pane of Glass by Time of Flight Secondary Ion Mass Spectrometry. <i>Journal of Forensic Sciences</i> , 2008, 53, 312-320.	1.6	12
23	Role of Titanium Dioxide in Enhancing the Performance of the Alkaline Manganese Dioxide Cathode. <i>Journal of the Electrochemical Society</i> , 2011, 159, A158-A165.	2.9	10
24	The control of epidermal growth factor grafted on mesoporous silica nanoparticles for targeted delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6094-6104.	5.8	10
25	Robust and Flexible Fabrication of Chemical Micropatterns for Tumor Spheroid Preparation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10162-10171.	8.0	8
26	Electrode Additives and the Rechargeability of the Alkaline Manganese Dioxide Cathode. <i>Journal of the Electrochemical Society</i> , 2014, 161, A403-A409.	2.9	3
27	Surface analysis of pilot distribution system pipe autopsies: The relationship of organic and inorganic deposits to input water quality. <i>Water Research</i> , 2015, 87, 202-210.	11.3	3
28	Slow settling behaviour of soil nano-particles in water and synthetic sugarcane juice solutions. <i>Journal of Food Engineering</i> , 2020, 279, 109978.	5.2	0