

Denny Mahlin

List of Publications by Year in descending order

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26
papers

823
citations

623734

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526287

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docs citations

27
times ranked

1141
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceutical profiling and molecular dynamics simulations reveal crystallization effects in amorphous formulations. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121360.	5.2	8
2	Supersaturation Potential of Amorphous Active Pharmaceutical Ingredients after Long-Term Storage. <i>Molecules</i> , 2019, 24, 2731.	3.8	6
3	Long-Term Physical (In)Stability of Spray-Dried Amorphous Drugs: Relationship with Glass-Forming Ability and Physicochemical Properties. <i>Pharmaceutics</i> , 2019, 11, 425.	4.5	14
4	Mechanism-based selection of stabilization strategy for amorphous formulations: Insights into crystallization pathways. <i>Journal of Controlled Release</i> , 2017, 256, 193-202.	9.9	63
5	The Need for Restructuring the Disordered Science of Amorphous Drug Formulations. <i>Pharmaceutical Research</i> , 2017, 34, 1754-1772.	3.5	71
6	Production and characterization of aluminium oxide nanoshells on spray dried lactose. <i>International Journal of Pharmaceutics</i> , 2017, 529, 116-122.	5.2	13
7	Powder compression mechanics of spray-dried lactose nanocomposites. <i>International Journal of Pharmaceutics</i> , 2017, 518, 1-10.	5.2	9
8	Confinement of Amorphous Lactose in Pores Formed Upon Co-Spray Drying With Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 322-330.	3.3	4
9	Structure and Mobility of Lactose in Lactose/Sodium Montmorillonite Nanocomposites. <i>Langmuir</i> , 2016, 32, 13214-13225.	3.5	12
10	Inhibition of Recrystallization of Amorphous Lactose in Nanocomposites Formed by Spray-Drying. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3760-3769.	3.3	12
11	Physical stability of drugs after storage above and below the glass transition temperature: Relationship to glass-forming ability. <i>International Journal of Pharmaceutics</i> , 2015, 495, 312-317.	5.2	75
12	Experimental and Computational Prediction of Glass Transition Temperature of Drugs. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 3396-3403.	5.4	41
13	Computational Predictions of Glass-Forming Ability and Crystallization Tendency of Drug Molecules. <i>Molecular Pharmaceutics</i> , 2014, 11, 3123-3132.	4.6	79
14	Effects of di- and polysaccharide formulations and storage conditions on survival of freeze-dried <i>Sphingobium</i> sp.. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1399-1408.	3.6	12
15	Early drug development predictions of glass-forming ability and physical stability of drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 323-332.	4.0	93
16	Toward <i>In Silico</i> Prediction of Glass-Forming Ability from Molecular Structure Alone: A Screening Tool in Early Drug Development. <i>Molecular Pharmaceutics</i> , 2011, 8, 498-506.	4.6	74
17	Impact of matrix properties on the survival of freeze-dried bacteria. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 2518-2528.	3.5	28
18	Pharmaceutical micro-particles give amorphous sucrose higher physical stability. <i>International Journal of Pharmaceutics</i> , 2011, 409, 96-103.	5.2	16

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19	Structural effects caused by spray- and freeze-drying of liposomes and bilayer disks. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2032-2048.	3.3	45
20	Understanding polymer-lipid solid dispersions-The properties of incorporated lipids govern the crystallisation behaviour of PEG. <i>International Journal of Pharmaceutics</i> , 2010, 386, 61-70.	5.2	20
21	A novel powder sample holder for the determination of glass transition temperatures by DMA. <i>International Journal of Pharmaceutics</i> , 2009, 371, 120-125.	5.2	41
22	Spectral analysis of force fluctuations during probe penetration into cohesive powders. <i>Powder Technology</i> , 2008, 187, 62-67.	4.2	4
23	The influence of PVP incorporation on moisture-induced surface crystallization of amorphous spray-dried lactose particles. <i>International Journal of Pharmaceutics</i> , 2006, 321, 78-85.	5.2	26
24	Influence of polymer molecular weight on the solid-state structure of PEG/monoolein mixtures. <i>Polymer</i> , 2005, 46, 12210-12217.	3.8	7
25	Moisture-Induced Surface Crystallization of Spray-Dried Amorphous Lactose Particles Studied by Atomic Force Microscopy. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 29-37.	3.3	41
26	Solid-State Characterization of PEG 4000/Monoolein Mixtures. <i>Macromolecules</i> , 2004, 37, 2665-2667.	4.8	8