

Andrea Allmendinger

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

497
citations

759233

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h-index

677142

22
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25
all docs

25
docs citations

25
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological characterization and injection forces of concentrated protein formulations: An alternative predictive model for non-Newtonian solutions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 318-328.	4.3	90
2	Measuring Tissue Back-Pressure - In Vivo Injection Forces During Subcutaneous Injection. <i>Pharmaceutical Research</i> , 2015, 32, 2229-2240.	3.5	46
3	Excipients for Room Temperature Stable Freeze-Dried Monoclonal Antibody Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 807-817.	3.3	40
4	Solid-State Hydrogen-Deuterium Exchange Mass Spectrometry: Correlation of Deuterium Uptake and Long-Term Stability of Lyophilized Monoclonal Antibody Formulations. <i>Molecular Pharmaceutics</i> , 2018, 15, 1-11.	4.6	39
5	Sterile Filtration of Highly Concentrated Protein Formulations: Impact of Protein Concentration, Formulation Composition, and Filter Material. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3319-3329.	3.3	32
6	High-throughput viscosity measurement using capillary electrophoresis instrumentation and its application to protein formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 99, 51-58.	2.8	30
7	Be Aggressive! Amorphous Excipients Enabling Single-Step Freeze-Drying of Monoclonal Antibody Formulations. <i>Pharmaceutics</i> , 2019, 11, 616.	4.5	28
8	Imaging Techniques to Characterize Cake Appearance of Freeze-Dried Products. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2810-2822.	3.3	26
9	Characterization of surface properties of glass vials used as primary packaging material for parenterals. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 125, 58-67.	4.3	24
10	Evaluation of Glass Delamination Risk in Pharmaceutical 10 mL/10R Vials. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 624-637.	3.3	22
11	Impact of dextran on thermal properties, product quality attributes, and monoclonal antibody stability in freeze-dried formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 147, 45-56.	4.3	22
12	Glass Leachables as a Nucleation Factor for Free Fatty Acid Particle Formation in Biopharmaceutical Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 785-795.	3.3	20
13	Impact of Vial Washing and Depyrogenation on Surface Properties and Delamination Risk of Glass Vials. <i>Pharmaceutical Research</i> , 2018, 35, 146.	3.5	13
14	Near-Infrared Spectroscopy to Determine Residual Moisture in Freeze-Dried Products: Model Generation by Statistical Design of Experiments. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 719-729.	3.3	12
15	Comparison of Techniques to Control Ice Nucleation during Lyophilization. <i>Processes</i> , 2020, 8, 1439.	2.8	9
16	Optimizing the Formulation and Lyophilization Process for a Fragment Antigen Binding (Fab) Protein Using Solid-State Hydrogen-Deuterium Exchange Mass Spectrometry (ssHDX-MS). <i>Molecular Pharmaceutics</i> , 2019, 16, 4485-4495.	4.6	8
17	Metal-Induced Fatty Acid Particle Formation Resulting from Hydrolytic Polysorbate Degradation. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 743-751.	3.3	7
18	Opportunities in an Evolving Pharmaceutical Development Landscape: Product Differentiation of Biopharmaceutical Drug Products. <i>Pharmaceutical Research</i> , 2021, 38, 739-757.	3.5	6

#	ARTICLE	IF	CITATIONS
19	Tissue Resistance during Large-Volume Injections in Subcutaneous Tissue of Minipigs. Pharmaceutical Research, 2020, 37, 184.	3.5	5
20	Intraocular pressure and injection forces during intravitreal injection into enucleated porcine eyes. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 166, 87-93.	4.3	5
21	Controlling Ice Nucleation during Lyophilization: Process Optimization of Vacuum-Induced Surface Freezing. Processes, 2020, 8, 1263.	2.8	4
22	Analytical Characterization and Predictive Tools for Highly Concentrated Protein Formulations. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 139-161.	0.6	1
23	Mechanistic Study of Drying Phenomena of Highly Concentrated Protein Therapeuticsâ€”Drying Kinetics and Protein Aggregation. PDA Journal of Pharmaceutical Science and Technology, 2022, 76, 52-64.	0.5	1