Mary Krause

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3975542/publications.pdf

Version: 2024-02-01

18	352	933447 10	940533 16
papers	citations	h-index	g-index

18	18	18	330
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of Interfacial Stress During Drug Product Development. AAPS Advances in the Pharmaceutical Sciences Series, 2021, , 131-152.	0.6	1
2	No ordinary proteins: Adsorption and molecular orientation of monoclonal antibodies. Science Advances, 2021, 7, .	10.3	20
3	Overview of the Impact of Protein Interfacial Instability on the Development of Biologic Products. AAPS Advances in the Pharmaceutical Sciences Series, 2021, , 1-8.	0.6	0
4	Armoring the Interface with Surfactants to Prevent the Adsorption of Monoclonal Antibodies. ACS Applied Materials & Interfaces, 2020, 12, 9977-9988.	8.0	32
5	Small-Scale Tools to Assess the Impact of Interfacial and Shear Stress on Biologic Drug Products. AAPS PharmSciTech, 2019, 20, 184.	3.3	13
6	A nondestructive and noninvasive method to determine water content in lyophilized proteins using lowâ€field timeâ€domain <scp>NMR</scp>. Magnetic Resonance in Chemistry, 2019, 57, 873-877.	1.9	15
7	Chemical and physical instabilities in manufacturing and storage of therapeutic proteins. Current Opinion in Biotechnology, 2019, 60, 159-167.	6.6	62
8	Interfacial Stress in the Development of Biologics: Fundamental Understanding, Current Practice, and Future Perspective. AAPS Journal, 2019, 21, 44.	4.4	96
9	Pulse Proteolysis: An Orthogonal Tool for Protein Formulation Screening. Journal of Pharmaceutical Sciences, 2019, 108, 842-850.	3.3	4
10	Biologic Drug Substance and Drug Product Manufacture. , 2019, , 205-232.		2
11	Buffer exchange path influences the stability and viscosity upon storage of a high concentration protein. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 131, 60-69.	4.3	15
12	1H, 13C and 15N backbone assignment of the EC-1 domain of human E-cadherin. Biomolecular NMR Assignments, 2015, 9, 31-35.	0.8	4
13	claMP Tag: A Versatile Inline Metal-Binding Platform Based on the Metal Abstraction Peptide. Bioconjugate Chemistry, 2014, 25, 1103-1111.	3.6	3
14	Embedding the Ni-SOD Mimetic Ni-NCC within a Polypeptide Sequence Alters the Specificity of the Reaction Pathway. Inorganic Chemistry, 2013, 52, 77-83.	4.0	6
15	Controlling the Chiral Inversion Reaction of the Metallopeptide Ni-Asparagine-Cysteine-Cysteine with Dioxygen. Inorganic Chemistry, 2012, 51, 10055-10063.	4.0	12
16	Mapping Site-Specific Changes That Affect Stability of the N-Terminal Domain of Calmodulin. Molecular Pharmaceutics, 2012, 9, 734-743.	4.6	4
17	MAPping the Chiral Inversion and Structural Transformation of a Metal-Tripeptide Complex Having Ni-Superoxide Dismutase Activity. Inorganic Chemistry, 2011, 50, 2479-2487.	4.0	28
18	Novel Tripeptide Model of Nickel Superoxide Dismutase. Inorganic Chemistry, 2010, 49, 362-364.	4.0	35