

Mary Krause

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

352
citations

933447

10
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial Stress in the Development of Biologics: Fundamental Understanding, Current Practice, and Future Perspective. AAPS Journal, 2019, 21, 44.	4.4	96
2	Chemical and physical instabilities in manufacturing and storage of therapeutic proteins. Current Opinion in Biotechnology, 2019, 60, 159-167.	6.6	62
3	Novel Tripeptide Model of Nickel Superoxide Dismutase. Inorganic Chemistry, 2010, 49, 362-364.	4.0	35
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	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
6	No ordinary proteins: Adsorption and molecular orientation of monoclonal antibodies. Science Advances, 2021, 7, .	10.3	20
7	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
8	A nondestructive and noninvasive method to determine water content in lyophilized proteins using low-field time-domain ^1H NMR. Magnetic Resonance in Chemistry, 2019, 57, 873-877.	1.9	15
9	Small-Scale Tools to Assess the Impact of Interfacial and Shear Stress on Biologic Drug Products. AAPS PharmSciTech, 2019, 20, 184.	3.3	13
10	Controlling the Chiral Inversion Reaction of the Metallopeptide Ni-Asparagine-Cysteine-Cysteine with Dioxygen. Inorganic Chemistry, 2012, 51, 10055-10063.	4.0	12
11	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
12	Mapping Site-Specific Changes That Affect Stability of the N-Terminal Domain of Calmodulin. Molecular Pharmaceutics, 2012, 9, 734-743.	4.6	4
13	^1H , ^{13}C and ^{15}N backbone assignment of the EC-1 domain of human E-cadherin. Biomolecular NMR Assignments, 2015, 9, 31-35.	0.8	4
14	Pulse Proteolysis: An Orthogonal Tool for Protein Formulation Screening. Journal of Pharmaceutical Sciences, 2019, 108, 842-850.	3.3	4
15	<i>MP Tag: A Versatile Inline Metal-Binding Platform Based on the Metal Abstraction Peptide.</i> Bioconjugate Chemistry, 2014, 25, 1103-1111.	3.6	3
16	Biologic Drug Substance and Drug Product Manufacture. , 2019, , 205-232.		2
17	Evaluation of Interfacial Stress During Drug Product Development. AAPS Advances in the Pharmaceutical Sciences Series, 2021, , 131-152.	0.6	1
18	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