

Timothy M Pabst

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

310
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of recent Protein A stationary phase innovations for capture of biotherapeutics. Journal of Chromatography A, 2018, 1554, 45-60.	3.7	73
2	Engineering of novel Staphylococcal Protein A ligands to enable milder elution pH and high dynamic binding capacity. Journal of Chromatography A, 2014, 1362, 180-185.	3.7	53
3	Adsorption equilibrium and kinetics of monomer-dimer monoclonal antibody mixtures on a cation exchange resin. Journal of Chromatography A, 2015, 1402, 46-59.	3.7	35
4	Separation of antibody monomer-dimer mixtures by frontal analysis. Journal of Chromatography A, 2017, 1500, 96-104.	3.7	34
5	Systematic Interpolation Method Predicts Antibody Monomer-Dimer Separation by Gradient Elution Chromatography at High Protein Loads. Biotechnology Journal, 2019, 14, 1800132.	3.5	23
6	Chromatographic behavior of bivalent bispecific antibodies on cation exchange columns. I. Experimental observations and phenomenological model. Journal of Chromatography A, 2019, 1601, 121-132.	3.7	21
7	Liquid-liquid phase separation causes high turbidity and pressure during low pH elution process in Protein A chromatography. Journal of Chromatography A, 2017, 1488, 57-67.	3.7	17
8	Process optimization and protein engineering mitigated manufacturing challenges of a monoclonal antibody with liquid-liquid phase separation issue by disrupting inter-molecule electrostatic interactions. MAbs, 2019, 11, 789-802.	5.2	16
9	Chromatographic behavior of bivalent bispecific antibodies on cation exchange columns. II. Biomolecular perspectives. Journal of Chromatography A, 2019, 1601, 133-144.	3.7	14
10	Chromatographic behavior of bivalent bispecific antibodies on hydrophobic interaction chromatography columns. Journal of Chromatography A, 2020, 1617, 460836.	3.7	12
11	Chromatographic and adsorptive behavior of a bivalent bispecific antibody and associated fragments. Journal of Chromatography A, 2021, 1648, 462181.	3.7	6
12	Role of configurational flexibility on the adsorption kinetics of bivalent bispecific antibodies on porous cation exchange resins. Journal of Chromatography A, 2021, 1655, 462479.	3.7	6