

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