Thiemo C Huuk

List of Publications by Year
in descending order

11 papers	270 citations	933447 10 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	138 citing authors

#	Article	IF	Citations
1	Model-based integrated optimization and evaluation of a multi-step ion exchange chromatography. Separation and Purification Technology, 2014, 136, 207-222.	7.9	56
2	Simulating and Optimizing Preparative Protein Chromatography with ChromX. Journal of Chemical Education, 2015, 92, 1497-1502.	2.3	44
3	UV absorption–based inverse modeling of protein chromatography. Engineering in Life Sciences, 2016, 16, 99-106.	3.6	33
4	Modeling of complex antibody elution behavior under high protein load densities in ion exchange chromatography using an asymmetric activity coefficient. Biotechnology Journal, 2017, 12, 1600336.	3.5	24
5	A versatile noninvasive method for adsorber quantification in batch and column chromatography based on the ionic capacity. Biotechnology Progress, 2016, 32, 666-677.	2.6	22
6	Calibration–free inverse modeling of ion–exchange chromatography in industrial antibody purification. Engineering in Life Sciences, 2016, 16, 107-113.	3.6	21
7	Protein adsorption on ion exchange adsorbers: A comparison of a stoichiometric and non-stoichiometric modeling approach. Journal of Chromatography A, 2021, 1653, 462397.	3.7	21
8	Analysis of complex protein elution behavior in preparative ion exchange processes using a colloidal particle adsorption model. Journal of Chromatography A, 2021, 1654, 462439.	3.7	16
9	Modeling the Gibbs–Donnan effect during ultrafiltration and diafiltration processes using the Poisson–Boltzmann theory in combination with a basic Stern model. Journal of Membrane Science, 2022, 648, 120333.	8.2	15
10	Adsorption of colloidal proteins in ion-exchange chromatography under consideration of charge regulation. Journal of Chromatography A, 2020, 1611, 460608.	3.7	11
11	Deconvolution of high–throughput multicomponent isotherms using multivariate data analysis of protein spectra. Engineering in Life Sciences, 2016, 16, 194-201.	3.6	7