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	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
2	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
3	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
4	Adsorption of colloidal proteins in ion-exchange chromatography under consideration of charge regulation. Journal of Chromatography A, 2020, 1611, 460608.	3.7	11
5	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
6	Deconvolution of high-throughput multicomponent isotherms using multivariate data analysis of protein spectra. Engineering in Life Sciences, 2016, 16, 194-201.	3.6	7
7	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
8	UV absorption-based inverse modeling of protein chromatography. Engineering in Life Sciences, 2016, 16, 99-106.	3.6	33
9	Calibration-free inverse modeling of ion-exchange chromatography in industrial antibody purification. Engineering in Life Sciences, 2016, 16, 107-113.	3.6	21
10	Simulating and Optimizing Preparative Protein Chromatography with ChromX. Journal of Chemical Education, 2015, 92, 1497-1502.	2.3	44
11	Model-based integrated optimization and evaluation of a multi-step ion exchange chromatography. Separation and Purification Technology, 2014, 136, 207-222.	7.9	56