

Thomas MÃ¼ller-SpÃ¼th

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

880
citations

933447

10
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification of a GalNAc-cluster-conjugated oligonucleotide by reversed-phase twin-column continuous chromatography. <i>Journal of Chromatography A</i> , 2022, 1663, 462734.	3.7	8
2	Enrichment and purification of peptide impurities using twin-column continuous chromatography. <i>Journal of Chromatography A</i> , 2022, 1667, 462894.	3.7	4
3	Continuous countercurrent chromatographic twin-column purification of oligonucleotides: The role of the displacement effect. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1861-1872.	3.3	5
4	Design space and robustness analysis of batch and counter-current frontal chromatography processes for the removal of antibody aggregates. <i>Journal of Chromatography A</i> , 2020, 1619, 460943.	3.7	22
5	Oligonucleotides: Current Trends and Innovative Applications in the Synthesis, Characterization, and Purification. <i>Biotechnology Journal</i> , 2020, 15, e1900226.	3.5	32
6	Purification of Human Monoclonal Antibodies and Their Fragments. <i>Methods in Molecular Biology</i> , 2019, 1904, 163-188.	0.9	8
7	Model based adaptive control of a continuous capture process for monoclonal antibodies production. <i>Journal of Chromatography A</i> , 2016, 1444, 50-56.	3.7	89
8	Optimal model-based design of the twin-column CaptureSMB process improves capacity utilization and productivity in protein A affinity capture. <i>Biotechnology Journal</i> , 2016, 11, 135-145.	3.5	96
9	Continuous counter-current chromatography for capture and polishing steps in biopharmaceutical production. <i>Biotechnology Journal</i> , 2016, 11, 1126-1141.	3.5	117
10	Comparison of batch and continuous multi-column protein A capture processes by optimal design. <i>Biotechnology Journal</i> , 2016, 11, 920-931.	3.5	120
11	Twin-column CaptureSMB: A novel cyclic process for protein A affinity chromatography. <i>Journal of Chromatography A</i> , 2015, 1389, 85-95.	3.7	138
12	Role of urea on recombinant Apo A-I stability and its utilization in anion exchange chromatography. <i>Journal of Chromatography A</i> , 2014, 1354, 18-25.	3.7	15
13	Purification of Human Monoclonal Antibodies and Their Fragments. <i>Methods in Molecular Biology</i> , 2014, 1060, 331-351.	0.9	6
14	multifraction separation in countercurrent chromatography (MCSGP). <i>Biotechnology and Bioengineering</i> , 2013, 110, 2436-2444.	3.3	59
15	Role of Cleaning-in-Place in the Purification of mAb Supernatants Using Continuous Cation Exchange Chromatography. <i>Separation Science and Technology</i> , 2009, 44, 1-26.	2.5	41
16	Chromatographic separation of three monoclonal antibody variants using multicolumn countercurrent solvent gradient purification (MCSGP). <i>Biotechnology and Bioengineering</i> , 2008, 100, 1166-1177.	3.3	114
17	Continuous Chromatography for the Purification of Monoclonal Antibodies. , 0, , 223-238.		1