

Raffael Bennett

List of Publications by Year in descending order

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14
papers

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687363

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#	ARTICLE	IF	CITATIONS
1	Chaotropic Effects in Sub/Supercritical Fluid Chromatography via Ammonium Hydroxide in Water-Rich Modifiers: Enabling Separation of Peptides and Highly Polar Pharmaceuticals at the Preparative Scale. <i>Analytical Chemistry</i> , 2019, 91, 13907-13915.	6.5	64
2	The Emergence of Universal Chromatographic Methods in the Research and Development of New Drug Substances. <i>Accounts of Chemical Research</i> , 2019, 52, 1990-2002.	15.6	50
3	Introducing online multicolumn two-dimensional liquid chromatography screening for facile selection of stationary and mobile phase conditions in both dimensions. <i>Journal of Chromatography A</i> , 2020, 1622, 460895.	3.7	33
4	Multi-column ultra-high performance liquid chromatography screening with chaotropic agents and computer-assisted separation modeling enables process development of new drug substances. <i>Analyst</i> , 2019, 144, 2872-2880.	3.5	32
5	Enhanced fluidity liquid chromatography: A guide to scaling up from analytical to preparative separations. <i>Journal of Chromatography A</i> , 2019, 1595, 190-198.	3.7	31
6	Generic Enhanced Sub/Supercritical Fluid Chromatography: Blueprint for Highly Productive and Sustainable Separation of Primary Hindered Amines. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6011-6021.	6.7	29
7	Gradient separation of oligosaccharides and suppressing anomeric mutarotation with enhanced-fluidity liquid hydrophilic interaction chromatography. <i>Analytica Chimica Acta</i> , 2017, 960, 151-159.	5.4	28
8	Protein separations using enhanced-fluidity liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1523, 257-264.	3.7	27
9	Enhanced fluidity liquid chromatography of inulin fructans using ternary solvent strength and selectivity gradients. <i>Analytica Chimica Acta</i> , 2018, 999, 161-168.	5.4	24
10	Mapping the Separation Landscape of Pharmaceuticals: Rapid and Efficient Scale-Up of Preparative Purifications Enabled by Computer-Assisted Chromatographic Method Development. <i>Organic Process Research and Development</i> , 2019, 23, 2678-2684.	2.7	18
11	Ultra-high-throughput SPE-MALDI workflow: Blueprint for efficient purification and screening of peptide libraries. <i>Analytica Chimica Acta</i> , 2021, 1142, 10-18.	5.4	16
12	Doing more with less: Evaluation of the use of high linear velocities in preparative supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2019, 1595, 199-206.	3.7	14
13	Generic Ion Chromatography—Conductivity Detection Method for Analysis of Palladium Scavengers in New Drug Substances. <i>Organic Process Research and Development</i> , 2019, 23, 1060-1068.	2.7	13
14	Selective Plate-Based Assay for Trace EDTA Analysis via Boron Trifluoride-methanol Derivatization UHPLC-QqQ-MS/MS Enabling Biologic and Vaccine Processes. <i>Analytical Chemistry</i> , 2022, 94, 1678-1685.	6.5	5