

Benjamin F Mann

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

793
citations

840776

11
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

968
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of an in vitro biocatalytic cascade for the manufacture of islatravir. <i>Science</i> , 2019, 366, 1255-1259.	12.6	383
2	Mass Activated Droplet Sorting (MADS) Enables High-Throughput Screening of Enzymatic Reactions at Nanoliter Scale. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4470-4477.	13.8	108
3	A kinase-cGAS cascade to synthesize a therapeutic STING activator. <i>Nature</i> , 2022, 603, 439-444.	27.8	58
4	Sub 2- μ m Macroporous Silica Particles Derivatized for Enhanced Lectin Affinity Enrichment of Glycoproteins. <i>Analytical Chemistry</i> , 2013, 85, 1905-1912.	6.5	49
5	Glycomic and Proteomic Profiling of Pancreatic Cyst Fluids Identifies Hyperfucosylated Lactosamines on the N-linked Glycans of Overexpressed Glycoproteins. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.015792-1-M111.015792-11.	3.8	46
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	Use of magnetic hydrazide-modified polymer microspheres for enrichment of <i>Francisella tularensis</i> glycoproteins. <i>Soft Matter</i> , 2012, 8, 2775.	2.7	22
8	A chemoenzymatic strategy for site-selective functionalization of native peptides and proteins. <i>Science</i> , 2022, 376, 1321-1327.	12.6	22
9	Comprehensive online multicolumn two-dimensional liquid chromatography-diode array detection-mass spectrometry workflow as a framework for chromatographic screening and analysis of new drug substances. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2655-2663.	3.7	16
10	Visualizing and studying frictional heating effects in reversed-phase liquid chromatography using infrared thermal imaging. <i>Analytica Chimica Acta</i> , 2018, 1018, 1-6.	5.4	14
11	Mass Activated Droplet Sorting (MADS) Enables High-Throughput Screening of Enzymatic Reactions at Nanoliter Scale. <i>Angewandte Chemie</i> , 2020, 132, 4500-4507.	2.0	14
12	Investigation of Lithium Acetyl Phosphate Synthesis Using Process Analytical Technology. <i>Organic Process Research and Development</i> , 2021, 25, 1402-1413.	2.7	10
13	Successive remodeling of IgG glycans using a solid-phase enzymatic platform. <i>Communications Biology</i> , 2022, 5, 328.	4.4	10
14	Industry-wide Collaboration toward an Efficient and Systematic Approach to Quantitative Solvent Analysis in Drug Substances. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18517-18523.	6.7	6
15	Effects of pressure and frictional heating on protein separation using monolithic columns in reversed-phase chromatography. <i>Journal of Chromatography A</i> , 2017, 1489, 58-64.	3.7	5
16	Macroporous Silica Particles Derivatized for Enhanced Lectin Affinity Enrichment of Glycoproteins. <i>Methods in Molecular Biology</i> , 2015, 1286, 109-119.	0.9	0