

Mark S Lowenthal

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

405
citations

933447

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h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for the Generation, Quantification, Storage, and Handling of Peptides Used for Mass Spectrometry-Based Assays. <i>Clinical Chemistry</i> , 2016, 62, 48-69.	3.2	187
2	Quantitative Bottom-Up Proteomics Depends on Digestion Conditions. <i>Analytical Chemistry</i> , 2014, 86, 551-558.	6.5	57
3	Certification of NIST standard reference material 2389a, amino acids in 0.1 μ mol/L HCl quantification by ID LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 511-519.	3.7	26
4	Quantification of cardiac troponin I in human plasma by immunoaffinity enrichment and targeted mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2805-2813.	3.7	24
5	Current trends in magnetic particle enrichment for mass spectrometry-based analysis of cardiovascular protein biomarkers. <i>Nanomedicine</i> , 2015, 10, 433-446.	3.3	23
6	Separation of monosaccharides hydrolyzed from glycoproteins without the need for derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5453-5462.	3.7	19
7	Absolute Quantification of RNA or DNA Using Acid Hydrolysis and Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 14569-14576.	6.5	16
8	Quantification of antibody coupled to magnetic particles by targeted mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8325-8332.	3.7	14
9	A quantitative LC-MS/MS method for comparative analysis of capture-antibody affinity toward protein antigens. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2726-2732.	2.3	13
10	An immunoprecipitation coupled with fluorescent Western blot analysis for the characterization of a model secondary serum cardiac troponin I reference material. <i>Clinica Chimica Acta</i> , 2011, 412, 107-111.	1.1	12
11	Developing qualitative LC-MS methods for characterization of Vaccinium berry Standard Reference Materials. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4451-4465.	3.7	7
12	Characterizing Vaccinium berry Standard Reference Materials by GC-MS using NIST spectral libraries. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4467-4476.	3.7	4
13	Isotope Dilution Liquid Chromatography-Tandem Mass Spectrometry for Quantitative Amino Acid Analysis. <i>Methods in Molecular Biology</i> , 2019, 2030, 143-151.	0.9	3