

Fred Regnier

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,736
citations

331670

21
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of Nanocolumns for Liquid Chromatography. <i>Analytical Chemistry</i> , 1998, 70, 3790-3797.	6.5	377
2	Affinity Chromatographic Selection of Carbonylated Proteins Followed by Identification of Oxidation Sites Using Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 2386-2392.	6.5	132
3	Nanoliter capillary electrochromatography columns based on collocated monolithic support structures molded in poly(dimethyl siloxane). <i>Electrophoresis</i> , 2001, 22, 3736-3743.	2.4	116
4	Proteomics of glycoproteins based on affinity selection of glycopeptides from tryptic digests. <i>Biomedical Applications</i> , 2001, 752, 293-306.	1.7	105
5	Microfabricated liquid chromatography columns based on collocated monolith support structures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 17, 925-932.	2.8	97
6	Automated Analytical System for the Examination of Protein Primary Structure. <i>Analytical Chemistry</i> , 1996, 68, 455-462.	6.5	92
7	Protein:protein aggregation induced by protein oxidation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 873, 8-14.	2.3	78
8	Microfabricated Filters for Microfluidic Analytical Systems. <i>Analytical Chemistry</i> , 1999, 71, 1464-1468.	6.5	77
9	Enrichment of Carbonylated Peptides Using Girard P Reagent and Strong Cation Exchange Chromatography. <i>Analytical Chemistry</i> , 2006, 78, 770-778.	6.5	75
10	GAPDH Is Conformationally and Functionally Altered in Association with Oxidative Stress in Mouse Models of Amyotrophic Lateral Sclerosis. <i>Journal of Molecular Biology</i> , 2008, 382, 1195-1210.	4.2	70
11	Identification of Rotenone-Induced Modifications in α -Synuclein Using Affinity Pull-Down and Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 2422-2431.	6.5	62
12	Sampling BIAS at Channel Junctions in Gated Flow Injection on Chips. <i>Analytical Chemistry</i> , 2002, 74, 4835-4840.	6.5	61
13	Identification of yeast oxidized proteins. <i>Journal of Chromatography A</i> , 2007, 1141, 22-31.	3.7	61
14	Identification and quantification of protein carbonylation using light and heavy isotope labeled Girard's P reagent. <i>Journal of Chromatography A</i> , 2006, 1134, 122-133.	3.7	54
15	Geometric effects of collocated monolithic support structures on separation performance in microfabricated systems. <i>Journal of Separation Science</i> , 2002, 25, 1011-1018.	2.5	49
16	Identification of oxidized proteins in rat plasma using avidin chromatography and tandem mass spectrometry. <i>Proteomics</i> , 2008, 8, 1516-1527.	2.2	45
17	Evaluating Immobilized Metal Affinity Chromatography for the Selection of Histidine-Containing Peptides in Comparative Proteomics. <i>Journal of Proteome Research</i> , 2003, 2, 321-329.	3.7	43
18	Future potential of targeted component analysis by multidimensional liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1996, 750, 3-10.	3.7	38

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19	Creation of Allotypic Active Sites during Oxidative Stress. Journal of Proteome Research, 2006, 5, 2159-2168.	3.7	38
20	Protein~RNA Cross-Linking in the Ribosomes of Yeast under Oxidative Stress. Journal of Proteome Research, 2006, 5, 3249-3259.	3.7	27
21	Multidimensional chromatography coupled with mass spectrometry for target-based screening. Molecular Diversity, 1997, 2, 189-196.	3.9	22
22	Integrated Sample Preparation Methodology for Proteomics: Analysis of Native Proteins. Analytical Chemistry, 2013, 85, 8039-8045.	6.5	17