Steven A Cohen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10966659/publications.pdf

Version: 2024-02-01

24 papers	3,848 citations	567281 15 h-index	713466 21 g-index
25 all docs	25 docs citations	25 times ranked	2413 citing authors

#	Article	IF	Citations
1	Liquid Chromatography and Mass Spectrometry for the Analysis of N-Î²-Methylamino-l-alanine with 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate. Methods in Molecular Biology, 2015, 1208, 379-391.	0.9	3
2	Analytical techniques for the detection of Î±-amino-Î²-methylaminopropionic acid. Analyst, The, 2012, 137, 1991.	3.5	59
3	Integration of Multidimensional Chromatographic Protein Separations with a Combined â€œTop-Downâ€• and â€œBottom-Upâ€•Proteomic Strategy. Journal of Proteome Research, 2006, 5, 135-146.	3.7	64
4	Evaluation of multidimensional (ion-exchange/reversed-phase) protein separations using linear and step gradients in the first dimension. Journal of Chromatography A, 2005, 1079, 287-298.	3.7	17
5	Quantitation of Amino Acids as 6-Aminoquinolyl-N-hydroxysuccinimidyl Carbamate Derivatives. Journal of Chromatography Library, 2005, , 242-267.	0.1	9
6	Multidimensional chromatography coupled to electrospray ionization time-of-flight mass spectrometry as an alternative to two-dimensional gels for the identification and analysis of complex mixtures of intact proteins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 782, 267-289.	2.3	67
7	Femtomole Peptide Mapping by Derivatization, High-Performance Liquid Chromatography, and Fluorescence Detection. Analytical Biochemistry, 2001, 294, 7-18.	2.4	6
8	Homogeneous fluorescent derivatization of large proteins. Journal of Chromatography A, 2001, 927, 77-89.	3.7	29
9	Amino Acid Analysis Using Precolumn Derivatization with 6-Aminoquinolyl- NHydroxysuccinimidyl Carbamate. , 2000, 159, 039-047.		57
10	ADVANTAGES AND LIMITATIONS OF DERIVATIZATION OF PEPTIDES FOR IMPROVED PERFORMANCE AND DETECTABILITY IN CAPILLARY ISOELECTRIC FOCUSING (CIEF). Journal of Liquid Chromatography and Related Technologies, 2000, 23, 1775-1807.	1.0	25
11	Determination of submicromolar concentrations of neurotransmitter amino acids by fluorescence detection using a modification of the 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate method for amino acid analysis. Journal of Chromatography A, 1998, 828, 383-395.	3.7	68
12	Neurochemical and morphological responses to acutely and chronically implanted brain microdialysis probes. Journal of Neuroscience Methods, 1998, 82, 25-34.	2.5	50
13	Amino acid analysis of unusual and complex samples based on 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate derivatization. Techniques in Protein Chemistry, 1997, , 185-196.	0.3	6
14	Using quaternary high-performance liquid chromatography eluent systems for separating 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate-derivatized amino acid mixtures. Journal of Chromatography A, 1997, 763, 11-22.	3.7	124
15	High sensitivity detection of tryptic digests using derivatization and fluorescence detection. Techniques in Protein Chemistry, 1995, , 251-258.	0.3	4
16	Applications of amino acid derivatization with 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate. Journal of Chromatography A, 1994, 661, 25-34.	3.7	193
17	Analysis of derivatized peptides by capillary electrophoresis. Journal of Chromatography A, 1994, 661, 279-285.	3.7	30
18	Compositional Protein Analysis Using 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate, a Novel Derivatization Reagent. , 1993, , 289-298.		20

#	Article	IF	Citations
19	Analysis of amino acids by liquid chromatography after pre-column derivatization with 4-nitrophenylisothiocyanate. Journal of Chromatography A, 1990, 512, 283-290.	3.7	20
20	Identification of phenylthiocarbamyl amino acids for compositional analysis by thermospray liquid chromatography/mass spectrometry. Analytical Biochemistry, 1989, 176, 269-277.	2.4	21
21	Amino acid analysis utilizing phenylisothiocyanate derivatives. Analytical Biochemistry, 1988, 174, 1-16.	2.4	402
22	Amino Acid Analysis Using Pre-Column Derivatization with Phenylisothiocyanate: Matrix Effects and Tryptophan Analysis. , 1987, , 207-213.		8
23	PITC derivatives in amino acid analysis. Nature, 1986, 320, 769-770.	27.8	224
24	Rapid analysis of amino acids using pre-column derivatization. Biomedical Applications, 1984, 336, 93-104.	1.7	2,333