

Steven A Cohen

List of Publications by Year in descending order

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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	Rapid analysis of amino acids using pre-column derivatization. Biomedical Applications, 1984, 336, 93-104.	1.7	2,333
2	Amino acid analysis utilizing phenylisothiocyanate derivatives. Analytical Biochemistry, 1988, 174, 1-16.	2.4	402
3	PITC derivatives in amino acid analysis. Nature, 1986, 320, 769-770.	27.8	224
4	Applications of amino acid derivatization with 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate. Journal of Chromatography A, 1994, 661, 25-34.	3.7	193
5	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
6	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
7	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
8	Integration of Multidimensional Chromatographic Protein Separations with a Combined "Top-Down" and "Bottom-Up" Proteomic Strategy. Journal of Proteome Research, 2006, 5, 135-146.	3.7	64
9	Analytical techniques for the detection of L±-amino- ¹² -methylaminopropionic acid. Analyst, The, 2012, 137, 1991.	3.5	59
10	Amino Acid Analysis Using Precolumn Derivatization with 6-Aminoquinolyl- NHydroxysuccinimidyl Carbamate. , 2000, 159, 039-047.		57
11	Neurochemical and morphological responses to acutely and chronically implanted brain microdialysis probes. Journal of Neuroscience Methods, 1998, 82, 25-34.	2.5	50
12	Analysis of derivatized peptides by capillary electrophoresis. Journal of Chromatography A, 1994, 661, 279-285.	3.7	30
13	Homogeneous fluorescent derivatization of large proteins. Journal of Chromatography A, 2001, 927, 77-89.	3.7	29
14	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
15	Identification of phenylthiocarbamyl amino acids for compositional analysis by thermospray liquid chromatography/mass spectrometry. Analytical Biochemistry, 1989, 176, 269-277.	2.4	21
16	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
17	Compositional Protein Analysis Using 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate, a Novel Derivatization Reagent. , 1993, , 289-298.		20
18	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

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19	Quantitation of Amino Acids as 6-Aminoquinolyl-N-hydroxysuccinimidyl Carbamate Derivatives. <i>Journal of Chromatography Library</i> , 2005, , 242-267.	0.1	9
20	Amino Acid Analysis Using Pre-Column Derivatization with Phenylisothiocyanate: Matrix Effects and Tryptophan Analysis. , 1987, , 207-213.		8
21	Amino acid analysis of unusual and complex samples based on 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate derivatization. <i>Techniques in Protein Chemistry</i> , 1997, , 185-196.	0.3	6
22	Femtomole Peptide Mapping by Derivatization, High-Performance Liquid Chromatography, and Fluorescence Detection. <i>Analytical Biochemistry</i> , 2001, 294, 7-18.	2.4	6
23	High sensitivity detection of tryptic digests using derivatization and fluorescence detection. <i>Techniques in Protein Chemistry</i> , 1995, , 251-258.	0.3	4
24	Liquid Chromatography and Mass Spectrometry for the Analysis of N- ¹² -Methylamino-l-alanine with 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate. <i>Methods in Molecular Biology</i> , 2015, 1208, 379-391.	0.9	3