

# Steven A Cohen

## List of Publications by Year in descending order

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24  
papers

3,848  
citations

643344

15  
h-index

799663

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid Chromatography and Mass Spectrometry for the Analysis of N- <sup>2</sup> -Methylamino-L-alanine with 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate. <i>Methods in Molecular Biology</i> , 2015, 1208, 379-391.	0.4	3
2	Analytical techniques for the detection of L- <sup>1</sup> -amino- <sup>2</sup> -methylaminopropionic acid. <i>Analyst, The</i> , 2012, 137, 1991.	1.7	59
3	Integration of Multidimensional Chromatographic Protein Separations with a Combined "Top-Down" and "Bottom-Up" Proteomic Strategy. <i>Journal of Proteome Research</i> , 2006, 5, 135-146.	1.8	64
4	Evaluation of multidimensional (ion-exchange/reversed-phase) protein separations using linear and step gradients in the first dimension. <i>Journal of Chromatography A</i> , 2005, 1079, 287-298.	1.8	17
5	Quantitation of Amino Acids as 6-Aminoquinolyl-N-hydroxysuccinimidyl Carbamate Derivatives. <i>Journal of Chromatography Library</i> , 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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 782, 267-289.	1.2	67
7	Femtomole Peptide Mapping by Derivatization, High-Performance Liquid Chromatography, and Fluorescence Detection. <i>Analytical Biochemistry</i> , 2001, 294, 7-18.	1.1	6
8	Homogeneous fluorescent derivatization of large proteins. <i>Journal of Chromatography A</i> , 2001, 927, 77-89.	1.8	29
9	Amino Acid Analysis Using Precolumn Derivatization with 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate. , 2000, 159, 039-047.		57
10	ADVANTAGES AND LIMITATIONS OF DERIVATIZATION OF PEPTIDES FOR IMPROVED PERFORMANCE AND DETECTABILITY IN CAPILLARY ISOELECTRIC FOCUSING (CIEF). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 1775-1807.	0.5	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. <i>Journal of Chromatography A</i> , 1998, 828, 383-395.	1.8	68
12	Neurochemical and morphological responses to acutely and chronically implanted brain microdialysis probes. <i>Journal of Neuroscience Methods</i> , 1998, 82, 25-34.	1.3	50
13	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
14	Using quaternary high-performance liquid chromatography eluent systems for separating 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate-derivatized amino acid mixtures. <i>Journal of Chromatography A</i> , 1997, 763, 11-22.	1.8	124
15	High sensitivity detection of tryptic digests using derivatization and fluorescence detection. <i>Techniques in Protein Chemistry</i> , 1995, , 251-258.	0.3	4
16	Applications of amino acid derivatization with 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate. <i>Journal of Chromatography A</i> , 1994, 661, 25-34.	1.8	193
17	Analysis of derivatized peptides by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1994, 661, 279-285.	1.8	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. <i>Journal of Chromatography A</i> , 1990, 512, 283-290.	1.8	20
20	Identification of phenylthiocarbamyl amino acids for compositional analysis by thermospray liquid chromatography/mass spectrometry. <i>Analytical Biochemistry</i> , 1989, 176, 269-277.	1.1	21
21	Amino acid analysis utilizing phenylisothiocyanate derivatives. <i>Analytical Biochemistry</i> , 1988, 174, 1-16.	1.1	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. <i>Nature</i> , 1986, 320, 769-770.	13.7	224
24	Rapid analysis of amino acids using pre-column derivatization. <i>Biomedical Applications</i> , 1984, 336, 93-104.	1.7	2,333