

Ira S Krull

List of Publications by Year in descending order

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36
papers

629
citations

687363
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36
all docs

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36
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Capillary electrochromatography: An alternative to HPLC and CE. Journal of Separation Science, 2002, 25, 935-958.	2.5	77
2	Construction and comparison of open tubular reactors for post-column reaction detection in liquid chromatography. Analytical Chemistry, 1987, 59, 2221-2224.	6.5	61
3	Applications of hydrophilic interaction chromatography to amino acids, peptides, and proteins. Journal of Separation Science, 2015, 38, 357-367.	2.5	61
4	Capillary electrophoresis: the promise and the practice. Nature, 1992, 357, 92-94.	27.8	40
5	Derivatization of phospholipids. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 793, 3-14.	2.3	40
6	Derivatization of peptides and small proteins for improved identification and detection in capillary zone electrophoresis (CZE). Analytica Chimica Acta, 1999, 400, 181-209.	5.4	30
7	Homogeneous fluorescent derivatization of large proteins. Journal of Chromatography A, 2001, 927, 77-89.	3.7	29
8	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
9	The determination of organotin (TBT) in fish and shellfish via gas chromatography-flame photometric detection and direct current plasma emission spectroscopy (GC-FPD/DCP). Applied Organometallic Chemistry, 1989, 3, 295-308.	3.5	24
10	The Forensic Determination of Drugs of Abuse Using Liquid Chromatography with Electrochemical Detection: A Review. Journal of Liquid Chromatography and Related Technologies, 1987, 10, 345-375.	1.0	23
11	Application of affinity capillary electrophoresis for the determination of binding and thermodynamic constants of enediynes with bovine serum albumin. Electrophoresis, 2002, 23, 945-950.	2.4	22
12	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
13	Nonaqueous Capillary Electrochromatographic Separation of Synthetic Neutral Polymers by Size Exclusion Chromatography Using Polymeric Stationary Phases. Analytical Chemistry, 2002, 74, 617-625.	6.5	15
14	A mixed-bed, multi-derivatization approach using polymeric reagents for derivatizations of amines in high performance liquid chromatographic detection. Biomedical Chromatography, 1991, 5, 23-31.	1.7	13
15	The Analysis of Synthetic Organic, Neutral Polymers Using Nonaqueous Capillary Gel Electrophoresis (NACGE). Journal of Liquid Chromatography and Related Technologies, 2004, 27, 939-964.	1.0	13
16	Characterization of Immunochemical Reaction for Human Growth Hormone with its Monoclonal Antibody by Perfusion Protein G Affinity Chromatography and Capillary. , 1996, 10, 78-82.		12
17	Perfusion Immunoaffinity Chromatography and its Application in Analysis and Purification of Biomolecules. , 1996, 10, 122-126.		12
18	Size-exclusion capillary electrochromatographic separation of polysaccharides using polymeric stationary phases. Electrophoresis, 2003, 24, 1753-1763.	2.4	12

#	ARTICLE	IF	CITATIONS
19	Liquid chromatography with photolysisâ€“electrochemical detection for nitro-based high explosives and water gel formulation sensitizers. Journal of Energetic Materials, 1986, 4, 273-303.	2.0	11
20	Mixed-bed polymeric o-nitrobenzophenone reagents for the on-line derivatization of amines in high performance liquid chromatography. Biomedical Chromatography, 1992, 6, 269-277.	1.7	11
21	Separation of quaternary ammonium diastereomeric oligomers by capillary electrophoresis. Journal of Chromatography A, 2004, 1034, 213-220.	3.7	10
22	Capillary isoelectric focusing and affinity capillary electrophoresis approaches for the determination of binding constants for antibodies to the prion protein. Journal of Chromatography A, 2004, 1053, 253-262.	3.7	10
23	Immunodetection Approaches and High-Performance Immunoaffinity Chromatography for an Analogue of Bovine Growth Hormone Releasing Factor at Trace Levels. , 1996, 10, 337-345.		9
24	Subproteomics in Analytical Chemistry: Chromatographic Fractionation Techniques in the Characterization of Proteins and Peptides. Journal of Liquid Chromatography and Related Technologies, 2003, 26, 2195-2224.	1.0	9
25	Taking a Walk on the Wild Side with Planar Electrochromatography and Thinâ€“Layer Electrophoresis: Of Peptides, Proteins, and Proteomics. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 1177-1218.	1.0	9
26	Identification of photochemical products of amino acids, peptides, and proteins in on-line, postcolumn photolytic derivatization detection by HPLC-electrochemistry. Electroanalysis, 1992, 4, 381-391.	2.9	7
27	Polymeric reagents for derivatizations in micellar electrokinetic chromatography. Biomedical Chromatography, 1994, 8, 212-218.	1.7	6
28	Size-selective Derivatizations with Polymer Immobilized Reagents. , 1997, 11, 207-223.		6
29	Trace Selenium Speciation via High-Performance Liquid Chromatography with Ultraviolet and Direct-Current Plasma Emission Detection. ACS Symposium Series, 1992, , 257-274.	0.5	5
30	Comparison of Fluorometric Detection Methods for Quantitative Polymerase Chain Reaction (PCR). Journal of Immunoassay and Immunochemistry, 2005, 26, 1-12.	1.1	5
31	Recent Advances in New and Potentially Novel Detectors in High-Performance Liquid Chromatography and Flow Injection Analysis. ACS Symposium Series, 1986, , 137-166.	0.5	3
32	Separation of Glycoproteins by Capillary Isoelectric Focusing. , 2003, 213, 197-218.		2
33	SOLID PHASE DERIVATIZATIONS OF DRUGS IN BIOLOGICAL FLUIDS. Analytical Sciences, 1991, 7, 1535-1538.	1.6	0
34	INDUSTRIAL INTERNSHIPS (CO-OPS) IN GRADUATE SCHOOLâ€“HOW, WHEN, WHY, AND WHERE?. Analytical Letters, 2001, 34, 1-15.	1.8	0
35	Author review in publishing science. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 827, 1-1.	2.3	0
36	Middle-Out Proteomics. , 2005, , 387-417.		0