

Ira S Krull

List of Publications by Year in descending order

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36
papers

629
citations

686830

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h-index

610482

24
g-index

36
all docs

36
docs citations

36
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Capillary electrochromatography: An alternative to HPLC and CE. <i>Journal of Separation Science</i> , 2002, 25, 935-958.	1.3	77
2	Construction and comparison of open tubular reactors for post-column reaction detection in liquid chromatography. <i>Analytical Chemistry</i> , 1987, 59, 2221-2224.	3.2	61
3	Applications of hydrophilic interaction chromatography to amino acids, peptides, and proteins. <i>Journal of Separation Science</i> , 2015, 38, 357-367.	1.3	61
4	Capillary electrophoresis: the promise and the practice. <i>Nature</i> , 1992, 357, 92-94.	13.7	40
5	Derivatization of phospholipids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 793, 3-14.	1.2	40
6	Derivatization of peptides and small proteins for improved identification and detection in capillary zone electrophoresis (CZE). <i>Analytica Chimica Acta</i> , 1999, 400, 181-209.	2.6	30
7	Homogeneous fluorescent derivatization of large proteins. <i>Journal of Chromatography A</i> , 2001, 927, 77-89.	1.8	29
8	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
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). <i>Applied Organometallic Chemistry</i> , 1989, 3, 295-308.	1.7	24
10	The Forensic Determination of Drugs of Abuse Using Liquid Chromatography with Electrochemical Detection: A Review. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1987, 10, 345-375.	0.9	23
11	Application of affinity capillary electrophoresis for the determination of binding and thermodynamic constants of enediynes with bovine serum albumin. <i>Electrophoresis</i> , 2002, 23, 945-950.	1.3	22
12	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
13	Nonaqueous Capillary Electrochromatographic Separation of Synthetic Neutral Polymers by Size Exclusion Chromatography Using Polymeric Stationary Phases. <i>Analytical Chemistry</i> , 2002, 74, 617-625.	3.2	15
14	A mixed-bed, multi-derivatization approach using polymeric reagents for derivatizations of amines in high performance liquid chromatographic detection. <i>Biomedical Chromatography</i> , 1991, 5, 23-31.	0.8	13
15	The Analysis of Synthetic Organic, Neutral Polymers Using Nonaqueous Capillary Gel Electrophoresis (NACGE). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 939-964.	0.5	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. <i>Electrophoresis</i> , 2003, 24, 1753-1763.	1.3	12

#	ARTICLE	IF	CITATIONS
19	Liquid chromatography with photolysisâ€“electrochemical detection for nitro-based high explosives and water gel formulation sensitizers. <i>Journal of Energetic Materials</i> , 1986, 4, 273-303.	1.0	11
20	Mixed-bed polymeric o-nitrobenzophenone reagents for the on-line derivatization of amines in high performance liquid chromatography. <i>Biomedical Chromatography</i> , 1992, 6, 269-277.	0.8	11
21	Separation of quaternary ammonium diastereomeric oligomers by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1034, 213-220.	1.8	10
22	Capillary isoelectric focusing and affinity capillary electrophoresis approaches for the determination of binding constants for antibodies to the prion protein. <i>Journal of Chromatography A</i> , 2004, 1053, 253-262.	1.8	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. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 2195-2224.	0.5	9
25	Taking a Walk on the Wild Side with Planar Electrochromatography and Thinâ€“Layer Electrophoresis: Of Peptides, Proteins, and Proteomics. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 1177-1218.	0.5	9
26	Identification of photochemical products of amino acids, peptides, and proteins in on-line, postcolumn photolytic derivatization detection by HPLC-electrochemistry. <i>Electroanalysis</i> , 1992, 4, 381-391.	1.5	7
27	Polymeric reagents for derivatizations in micellar electrokinetic chromatography. <i>Biomedical Chromatography</i> , 1994, 8, 212-218.	0.8	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. <i>ACS Symposium Series</i> , 1992, , 257-274.	0.5	5
30	Comparison of Fluorometric Detection Methods for Quantitative Polymerase Chain Reaction (PCR). <i>Journal of Immunoassay and Immunochemistry</i> , 2005, 26, 1-12.	0.5	5
31	Recent Advances in New and Potentially Novel Detectors in High-Performance Liquid Chromatography and Flow Injection Analysis. <i>ACS Symposium Series</i> , 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. <i>Analytical Sciences</i> , 1991, 7, 1535-1538.	0.8	0
34	INDUSTRIAL INTERNSHIPS (CO-OPS) IN GRADUATE SCHOOLâ€“HOW, WHEN, WHY, AND WHERE?. <i>Analytical Letters</i> , 2001, 34, 1-15.	1.0	0
35	Author review in publishing science. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 827, 1-1.	1.2	0
36	Middle-Out Proteomics. , 2005, , 387-417.		0