

David S Hage

List of Publications by Year in descending order

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142
papers

6,527
citations

53939

47
h-index

87275

74
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151
all docs

151
docs citations

151
times ranked

4381
citing authors

#	ARTICLE	IF	CITATIONS
1	Approaches for the detection and analysis of antidrug antibodies to biopharmaceuticals: A review. <i>Journal of Separation Science</i> , 2022, 45, 2077-2092.	1.3	3
2	Entrapment of Proteins Within Columns for High-Performance Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2022, 2466, 205-227.	0.4	0
3	Studies of binding by sulfonyleureas with glyoxal- and methylglyoxal-modified albumin by immunoextraction using affinity microcolumns. <i>Journal of Chromatography A</i> , 2021, 1638, 461683.	1.8	9
4	Analysis of curcumin and piperine in biological samples by reversed-phase liquid chromatography with multi-wavelength detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1162, 122487.	1.2	7
5	High-Performance affinity chromatographic studies of repaglinide and nateglinide interactions with normal and glyoxal- or methylglyoxal-modified human albumin serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 201, 114097.	1.4	10
6	Affinity monolith chromatography: A review of general principles and recent developments. <i>Electrophoresis</i> , 2021, 42, 2577-2598.	1.3	25
7	Studies of binding by 2-imidazolines to human serum albumin and alpha1-acid glycoprotein by high-performance affinity chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114135.	1.4	10
8	Glycoprotein analysis using lectin microcolumns and capillary electrophoresis: Characterization of alpha1-acid glycoprotein by combined separation methods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122855.	1.2	3
9	Affinity-Based Methods for the Analysis of Emerging Contaminants in Wastewater and Related Samples. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2021, , 37-64.	0.3	0
10	Evaluation of microcolumn stability in ultrafast affinity extraction for binding and rate studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1187, 123047.	1.2	2
11	Clinical and pharmaceutical applications of affinity ligands in capillary electrophoresis: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112882.	1.4	40
12	Development of a microcolumn one-site immunometric assay for a protein biomarker: Analysis of alpha1-acid glycoprotein. <i>Journal of Chromatography A</i> , 2020, 1610, 460558.	1.8	3
13	Development of an on-line immunoextraction/entrapment system for protein capture and use in drug binding studies by high-performance affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1136, 121812.	1.2	10
14	Affinity chromatography: A review of trends and developments over the past 50 years. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1157, 122332.	1.2	93
15	Development and evaluation of silica-based lectin microcolumns for glycoform analysis of alpha1-acid glycoprotein. <i>Analytica Chimica Acta</i> , 2019, 1078, 189-199.	2.6	12
16	Kinetic Analysis by Affinity Chromatography. <i>Frontiers in Chemistry</i> , 2019, 7, 673.	1.8	15
17	Testosterone meets albumin – the molecular mechanism of sex hormone transport by serum albumins. <i>Chemical Science</i> , 2019, 10, 1607-1618.	3.7	38
18	Characterization of tolazamide binding with glycated and normal human serum albumin by using high-performance affinity chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 273-280.	1.4	21

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19	Optimization of protein entrapment in affinity microcolumns using hydrazide-activated silica and glycogen as a capping agent. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1121, 1-8.	1.2	10
20	An Overview of CE in Clinical Analysis. <i>Methods in Molecular Biology</i> , 2019, 1972, 3-11.	0.4	3
21	Glycoform Analysis of Alpha1-Acid Glycoprotein by Capillary Electrophoresis Using Electrophoretic Injection. <i>Methods in Molecular Biology</i> , 2019, 1972, 41-56.	0.4	0
22	Characterization of solution-phase drug-protein interactions by ultrafast affinity extraction. <i>Methods</i> , 2018, 146, 46-57.	1.9	14
23	Development of Immunochromatographic Assays for the Selective Detection of Zika Virus or Dengue Virus Serotypes in Serum. <i>Clinical Chemistry</i> , 2018, 64, 991-993.	1.5	8
24	Analysis of solute-protein interactions and solute-solute competition by zonal elution affinity chromatography. <i>Methods</i> , 2018, 146, 3-11.	1.9	25
25	Piperine potentiates curcumin-mediated repression of mTORC1 signaling in human intestinal epithelial cells: implications for the inhibition of protein synthesis and TNF α signaling. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 276-286.	1.9	20
26	Affinity extraction of emerging contaminants from water based on bovine serum albumin as a binding agent. <i>Journal of Separation Science</i> , 2018, 41, 1074-1082.	1.3	6
27	High performance affinity chromatography and related separation methods for the analysis of biological and pharmaceutical agents. <i>Analyst</i> , The, 2018, 143, 374-391.	1.7	54
28	Binding studies based on ultrafast affinity extraction and single- or two-column systems: Interactions of second- and third-generation sulfonylurea drugs with normal or glycosylated human serum albumin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1102-1103, 8-16.	1.2	10
29	Chromatographic studies of chlorpropamide interactions with normal and glycosylated human serum albumin based on affinity microcolumns. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1097-1098, 64-73.	1.2	19
30	Peak decay analysis and biointeraction studies of immunoglobulin binding and dissociation on protein G affinity microcolumns. <i>Methods</i> , 2018, 146, 39-45.	1.9	11
31	Analysis of stereoselective drug interactions with serum proteins by high-performance affinity chromatography: A historical perspective. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 12-24.	1.4	26
32	Analysis of Biological Interactions by Affinity Chromatography: Clinical and Pharmaceutical Applications. <i>Clinical Chemistry</i> , 2017, 63, 1083-1093.	1.5	29
33	Affinity monolith chromatography: A review of general principles and applications. <i>Electrophoresis</i> , 2017, 38, 2837-2850.	1.3	58
34	Dual-Target Binding Ligands with Modulated Pharmacokinetics for Endoradiotherapy of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1442-1449.	2.8	61
35	Chromatographic studies of drug interactions with alpha1-acid glycoprotein by ultrafast affinity extraction and peak profiling. <i>Journal of Chromatography A</i> , 2017, 1497, 92-101.	1.8	22
36	Studies of drug interactions with alpha 1 -acid glycoprotein by using on-line immunoextraction and high-performance affinity chromatography. <i>Journal of Chromatography A</i> , 2017, 1519, 64-73.	1.8	17

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37	Nanomaterials as stationary phases and supports in liquid chromatography. <i>Electrophoresis</i> , 2017, 38, 2498-2512.	1.3	31
38	Glycoform analysis of alpha1-acid glycoprotein based on capillary electrophoresis and electrophoretic injection. <i>Journal of Chromatography A</i> , 2017, 1523, 114-122.	1.8	16
39	Chromatographic Studies of Protein-Based Chiral Separations. <i>Separations</i> , 2016, 3, 27.	1.1	24
40	On-column entrapment of alpha1-acid glycoprotein for studies of drug-protein binding by high-performance affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5745-5756.	1.9	20
41	Use of protein G microcolumns in chromatographic immunoassays: A comparison of competitive binding formats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 91-100.	1.2	11
42	Optimizing sequence coverage for a moderate mass protein in nano-electrospray ionization quadrupole time-of-flight mass spectrometry. <i>Analytical Biochemistry</i> , 2016, 509, 115-117.	1.1	1
43	Glycoform analysis of alpha1-acid glycoprotein by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2016, 1475, 102-109.	1.8	21
44	Chromatographic analysis of the effects of fatty acids and glycation on binding by probes for Sudlow sites I and II to human serum albumin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 175-181.	1.2	13
45	Entrapment of alpha1-acid glycoprotein in high-performance affinity columns for drug-protein binding studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 188-196.	1.2	24
46	Analysis of free drug fractions in serum by ultrafast affinity extraction and two-dimensional affinity chromatography using alpha1-acid glycoprotein microcolumns. <i>Journal of Chromatography A</i> , 2016, 1432, 49-57.	1.8	18
47	Analysis of free drug fractions in human serum by ultrafast affinity extraction and two-dimensional affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 131-140.	1.9	13
48	High-Performance Affinity Chromatography. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 102, 1-39.	1.0	22
49	Chromatographic immunoassays: strategies and recent developments in the analysis of drugs and biological agents. <i>Bioanalysis</i> , 2015, 7, 2947-2966.	0.6	22
50	Analysis of Hormone-Protein Binding in Solution by Ultrafast Affinity Extraction: Interactions of Testosterone with Human Serum Albumin and Sex Hormone Binding Globulin. <i>Analytical Chemistry</i> , 2015, 87, 11187-11194.	3.2	25
51	Analytical methods for kinetic studies of biological interactions: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 163-180.	1.4	67
52	Analysis of multi-site drug-protein interactions by high-performance affinity chromatography: Binding by glimepiride to normal or glycosylated human serum albumin. <i>Journal of Chromatography A</i> , 2015, 1408, 133-144.	1.8	32
53	Development of enhanced capacity affinity microcolumns by using a hybrid of protein cross-linking/modification and immobilization. <i>Journal of Chromatography A</i> , 2015, 1400, 82-90.	1.8	14
54	Analysis of drug-protein binding using on-line immunoextraction and high-performance affinity microcolumns: Studies with normal and glycosylated human serum albumin. <i>Journal of Chromatography A</i> , 2015, 1416, 112-120.	1.8	20

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55	Kinetic analysis of drug-protein interactions by affinity chromatography. <i>Drug Discovery Today: Technologies</i> , 2015, 17, 16-21.	4.0	20
56	Affinity Chromatography: A Historical Perspective. <i>Methods in Molecular Biology</i> , 2015, 1286, 1-19.	0.4	22
57	Analysis of drug interactions with very low density lipoprotein by high-performance affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6203-6211.	1.9	9
58	Analysis of biomolecular interactions using affinity microcolumns: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 968, 49-63.	1.2	64
59	Studies of metabolite-protein interactions: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, 48-58.	1.2	27
60	Analysis of free drug fractions by ultrafast affinity extraction: Interactions of sulfonylurea drugs with normal or glycosylated human serum albumin. <i>Journal of Chromatography A</i> , 2014, 1371, 82-89.	1.8	19
61	Development of microcolumn-based one-site immunometric assays for protein biomarkers. <i>Journal of Chromatography A</i> , 2014, 1366, 92-100.	1.8	12
62	Determination of Rate Constants and Equilibrium Constants for Solution-Phase Drug-Protein Interactions by Ultrafast Affinity Extraction. <i>Analytical Chemistry</i> , 2014, 86, 6454-6460.	3.2	55
63	Analysis of free fractions for chiral drugs using ultrafast extraction and multi-dimensional high-performance affinity chromatography. <i>Analyst</i> , 2013, 138, 6262.	1.7	23
64	Review: Glycation of human serum albumin. <i>Clinica Chimica Acta</i> , 2013, 425, 64-76.	0.5	318
65	Affinity monolith chromatography: a review of principles and recent analytical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2133-2145.	1.9	126
66	Use of entrapment and high-performance affinity chromatography to compare the binding of drugs and site-specific probes with normal and glycosylated human serum albumin. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5833-5841.	1.9	44
67	An Overview of CE in Clinical Analysis. <i>Methods in Molecular Biology</i> , 2013, 919, 3-10.	0.4	4
68	Effects of Fatty Acids and Glycation on Drug Interactions with Human Serum Albumin. <i>Current Metabolomics</i> , 2013, 1, 241-252.	0.5	29
69	Biointeraction analysis of immobilized antibodies and related agents by high-performance immunoaffinity chromatography. <i>Methods</i> , 2012, 56, 130-135.	1.9	21
70	Pharmaceutical and biomedical applications of affinity chromatography: Recent trends and developments. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 93-105.	1.4	166
71	Optimization of human serum albumin monoliths for chiral separations and high-performance affinity chromatography. <i>Journal of Chromatography A</i> , 2012, 1269, 198-207.	1.8	45
72	Analysis of Drug Interactions with Lipoproteins by High-Performance Affinity Chromatography. <i>Advances in Medicine and Biology</i> , 2012, 53, 199-216.	0.2	6

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73	Chromatographic analysis of drug interactions in the serum proteome. <i>Analytical Methods</i> , 2011, 3, 1449.	1.3	41
74	Development of a Flow-Based Ultrafast Immunoextraction and Reverse Displacement Immunoassay: Analysis of Free Drug Fractions. <i>Analytical Chemistry</i> , 2011, 83, 9384-9390.	3.2	30
75	Comparison of modification sites formed on human serum albumin at various stages of glycation. <i>Clinica Chimica Acta</i> , 2011, 412, 277-285.	0.5	129
76	High-throughput analysis of drug dissociation from serum proteins using affinity silica monoliths. <i>Journal of Separation Science</i> , 2011, 34, 2255-2263.	1.3	27
77	Use of peak decay analysis and affinity microcolumns containing silica monoliths for rapid determination of drug-protein dissociation rates. <i>Journal of Chromatography A</i> , 2011, 1218, 2072-2078.	1.8	58
78	Research Spotlight: Research in bioanalysis and separations at the University of Nebraska – Lincoln. <i>Bioanalysis</i> , 2011, 3, 1065-1076.	0.6	0
79	Characterization of Drug Interactions with Serum Proteins by Using High-Performance Affinity Chromatography. <i>Current Drug Metabolism</i> , 2011, 12, 313-328.	0.7	68
80	Analysis of lidocaine interactions with serum proteins using high-performance affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 705-708.	1.2	27
81	Biointeraction analysis of carbamazepine binding to α_1 -acid glycoprotein by high-performance affinity chromatography. <i>Journal of Separation Science</i> , 2010, 33, 2294-2301.	1.3	28
82	Biointeraction analysis by high-performance affinity chromatography: Kinetic studies of immobilized antibodies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 165-171.	1.2	29
83	Characterization of the binding of sulfonylurea drugs to HSA by high-performance affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1590-1598.	1.2	65
84	Analysis of drug-protein binding by ultrafast affinity chromatography using immobilized human serum albumin. <i>Journal of Chromatography A</i> , 2010, 1217, 2796-2803.	1.8	66
85	Immunoaffinity chromatography: an introduction to applications and recent developments. <i>Bioanalysis</i> , 2010, 2, 769-790.	0.6	161
86	Evaluation of indole-based probes for high-throughput screening of drug binding to human serum albumin: Analysis by high-performance affinity chromatography. <i>Journal of Separation Science</i> , 2009, 32, 1145-1155.	1.3	36
87	Characterization of drug-protein interactions in blood using high-performance affinity chromatography. <i>Journal of Separation Science</i> , 2009, 32, 835-853.	1.3	87
88	Evaluation of silica monoliths in affinity microcolumns for high-throughput analysis of drug-protein interactions. <i>Journal of Separation Science</i> , 2009, 32, 2776-2785.	1.3	36
89	Studies of imipramine binding to human serum albumin by high-performance affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1149-1154.	1.2	38
90	Evaluation of alternatives to warfarin as probes for Sudlow site I of human serum albumin. <i>Journal of Chromatography A</i> , 2009, 1216, 3492-3500.	1.8	47

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91	Measurement of Drug-Protein Dissociation Rates by High-Performance Affinity Chromatography and Peak Profiling. <i>Analytical Chemistry</i> , 2009, 81, 4320-4333.	3.2	67
92	Capillary electrophoresis-based immunoassays: Principles and quantitative applications. <i>Electrophoresis</i> , 2008, 29, 3279-3295.	1.3	58
93	Studies of verapamil binding to human serum albumin by high-performance affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 69-75.	1.2	35
94	Development of an affinity silica monolith containing human serum albumin for chiral separations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 820-830.	1.4	70
95	Environmental Analysis by On-Line Immunoextraction and Reversed-Phase Liquid Chromatography: Optimization of the Immunoextraction/RPLC Interface. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3788-3797.	2.4	10
96	Development of an affinity silica monolith containing α 1-acid glycoprotein for chiral separations. <i>Journal of Chromatography A</i> , 2007, 1149, 294-304.	1.8	59
97	Analysis of Free Drug Fractions Using Near-Infrared Fluorescent Labels and an Ultrafast Immunoextraction/Displacement Assay. <i>Analytical Chemistry</i> , 2006, 78, 7547-7556.	3.2	47
98	Applications of silica supports in affinity chromatography. <i>Journal of Separation Science</i> , 2006, 29, 719-737.	1.3	92
99	Evaluation of a hydrazide-linked α 1-acid glycoprotein chiral stationary phase: Separation of R- and S-propranolol. <i>Journal of Separation Science</i> , 2006, 29, 1412-1422.	1.3	18
100	Affinity monolith chromatography. <i>Journal of Separation Science</i> , 2006, 29, 1686-1704.	1.3	194
101	Chromatographic analysis of carbamazepine binding to human serum albumin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 816, 57-66.	1.2	80
102	Immobilization of α 1-acid glycoprotein for chromatographic studies of drug-protein binding. <i>Analytical Biochemistry</i> , 2005, 346, 300-310.	1.1	88
103	Affinity Monoliths for Ultrafast Immunoextraction. <i>Analytical Chemistry</i> , 2005, 77, 2362-2372.	3.2	87
104	Analysis of Free Hormone Fractions by an Ultrafast Immunoextraction/Displacement Immunoassay: Studies Using Free Thyroxine as a Model System. <i>Analytical Chemistry</i> , 2005, 77, 1859-1866.	3.2	47
105	Studies of phenytoin binding to human serum albumin by high-performance affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 809, 137-145.	1.2	72
106	Development of a Portable Immunoextraction-Reversed-Phase Liquid Chromatography System for Field Studies of Herbicide Residues. <i>Analytical Chemistry</i> , 2004, 76, 805-813.	3.2	29
107	High-Performance Affinity Monolith Chromatography: Development and Evaluation of Human Serum Albumin Columns. <i>Analytical Chemistry</i> , 2004, 76, 7013-7022.	3.2	127
108	Using Periodate with Nitrite Solutions for Capillary Electrophoresis (the author replies). <i>Journal of Chemical Education</i> , 2003, 80, 1138.	1.1	0

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109	Clinical Applications of Affinity Chromatography. Separation and Purification Reviews, 2003, 32, 19-60.	2.8	13
110	High-performance affinity chromatography: a powerful tool for studying serum protein binding. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 768, 3-30.	1.2	202
111	Optimization and development of a high-performance liquid chromatography-based one-site immunometric assay with chemiluminescence detection. Analytica Chimica Acta, 2002, 470, 37-50.	2.6	32
112	Development of Sandwich HPLC Microcolumns for Analyte Adsorption on the Millisecond Time Scale. Analytical Chemistry, 2001, 73, 1366-1373.	3.2	17
113	Analysis of Free Drug Fractions by Ultrafast Immunoaffinity Chromatography. Analytical Chemistry, 2001, 73, 2157-2164.	3.2	52
114	Peer Reviewed: Chromatographic Immunoassays. Analytical Chemistry, 2001, 73, 198 A-205 A.	3.2	44
115	Antibody immobilization to high-performance liquid chromatography supports. Journal of Chromatography A, 2000, 888, 13-22.	1.8	53
116	Periodate Oxidation of Antibodies for Site-Selective Immobilization in Immunoaffinity Chromatography. Methods in Molecular Biology, 2000, 147, 69-82.	0.4	11
117	Immunoassays. Analytical Chemistry, 1999, 71, 294-304.	3.2	147
118	Characterization of Minor Site Probes for Human Serum Albumin by High-Performance Affinity Chromatography. Analytical Chemistry, 1999, 71, 3821-3827.	3.2	66
119	Development of a Theoretical Model for Chromatographic-Based Competitive Binding Immunoassays with Simultaneous Injection of Sample and Label. Analytical Chemistry, 1999, 71, 2965-2975.	3.2	30
120	Survey of recent advances in analytical applications of immunoaffinity chromatography. Biomedical Applications, 1998, 715, 3-28.	1.7	144
121	Kinetic Studies on the Immobilization of Antibodies to High-Performance Liquid Chromatographic Supports. Bioconjugate Chemistry, 1998, 9, 459-465.	1.8	20
122	Studies of Protein Binding to Nonpolar Solutes by Using Zonal Elution and High-Performance Affinity Chromatography: A Interactions of cis- and trans-Clomiphene with Human Serum Albumin in the Presence of β -Cyclodextrin. Analytical Chemistry, 1998, 70, 4602-4609.	3.2	37
123	Automated Protein Assay Using Flow Injection Analysis. Journal of Chemical Education, 1998, 75, 1025.	1.1	4
124	Determination of Nitrate and Nitrite in Water by Capillary Electrophoresis: An Undergraduate Laboratory Experiment. Journal of Chemical Education, 1998, 75, 1588.	1.1	17
125	Iron-enhanced remediation of water and soil containing atrazine. Weed Science, 1998, 46, 381-388.	0.8	28
126	Effects of Ligand Heterogeneity in the Characterization of Affinity Columns by Frontal Analysis. Analytical Chemistry, 1997, 69, 4790-4798.	3.2	50

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127	Development of a Kinetic Model To Describe the Effective Rate of Antibody Oxidation by Periodate. <i>Bioconjugate Chemistry</i> , 1997, 8, 914-920.	1.8	34
128	Clinical Chemistry. <i>Analytical Chemistry</i> , 1997, 69, 165-230.	3.2	84
129	A Discussion of Water Pollution in the United States and Mexico; with High School Laboratory Activities for the Analysis of Lead, Atrazine, and Nitrate. <i>Journal of Chemical Education</i> , 1997, 74, 1413.	1.1	34
130	Analysis of Atrazine and Its Degradation Products in Water by Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. <i>ACS Symposium Series</i> , 1997, , 118-132.	0.5	4
131	Chiral separations in capillary electrophoresis using proteins as stereoselective binding agents. <i>Electrophoresis</i> , 1997, 18, 2311-2321.	1.3	57
132	Chiral Separation Mechanisms in Protein-Based HPLC Columns. 2. Kinetic Studies of (R)- and (S)-Warfarin Binding to Immobilized Human Serum Albumin. <i>Analytical Chemistry</i> , 1996, 68, 1218-1225.	3.2	93
133	Analysis of Pesticide Degradation Products by Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 1996, 68, 3631-3637.	3.2	49
134	Role of binding capacity versus binding strength in the separation of chiral compounds on protein-based high-performance liquid chromatography columns Interactions of d- and l-tryptophan with human serum albumin. <i>Journal of Chromatography A</i> , 1996, 725, 273-285.	1.8	87
135	Development of dihydrazide-activated silica supports for high-performance affinity chromatography. <i>Journal of Chromatography A</i> , 1994, 669, 9-19.	1.8	107
136	Chiral Separation Mechanisms in Protein-Based HPLC Columns. 1. Thermodynamic Studies of (R)- and (S)-Warfarin Binding to Immobilized Human Serum Albumin. <i>Analytical Chemistry</i> , 1994, 66, 3814-3822.	3.2	262
137	Determination of Atrazine in Water Using Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 1994, 66, 3823-3829.	3.2	105
138	Characterization of the binding and chiral separation of d- and l-tryptophan on a high-performance immobilized human serum albumin column. <i>Journal of Chromatography A</i> , 1993, 645, 241-250.	1.8	119
139	Theory of a sequential addition competitive binding immunoassay based on high-performance immunoaffinity chromatography. <i>Analytical Chemistry</i> , 1993, 65, 1622-1630.	3.2	64
140	Characterization of thyroxine- α -albumin binding using high-performance affinity chromatography. <i>Biomedical Applications</i> , 1992, 579, 225-235.	1.7	116
141	High-performance immunoaffinity chromatography and chemiluminescent detection in the automation of a parathyroid hormone sandwich immunoassay. <i>Analytical Chemistry</i> , 1991, 63, 586-595.	3.2	85
142	Use of affinity chromatography in developing acridinium ester-labeled antibodies for an immunometric assay of parathyrin. <i>Clinical Chemistry</i> , 1991, 37, 117-118.	1.5	3