David S Hage

List of Publications by Year
in descending order

142 papers	6,527 citations	47004 47 h-index	76898 74 g-index
151 all docs	151 docs citations	151 times ranked	3984 citing authors

#	Article	IF	Citations
1	Approaches for the detection and analysis of antidrug antibodies to biopharmaceuticals: A review. Journal of Separation Science, 2022, 45, 2077-2092.	2.5	3
2	Entrapment of Proteins Within Columns for High-Performance Affinity Chromatography. Methods in Molecular Biology, 2022, 2466, 205-227.	0.9	0
3	Studies of binding by sulfonylureas with glyoxal- and methylglyoxal-modified albumin by immunoextraction using affinity microcolumns. Journal of Chromatography A, 2021, 1638, 461683.	3.7	9
4	Analysis of curcumin and piperine in biological samples by reversed-phase liquid chromatography with multi-wavelength detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1162, 122487.	2.3	7
5	High-Performance affinity chromatographic studies of repaglinide and nateglinide interactions with normal and glyoxal- or methylglyoxal-modified human albumin serum. Journal of Pharmaceutical and Biomedical Analysis, 2021, 201, 114097.	2.8	10
6	Affinity monolith chromatography: A review of general principles and recent developments. Electrophoresis, 2021, 42, 2577-2598.	2.4	25
7	Studies of binding by 2-imidazolines to human serum albumin and alpha1-acid glycoprotein by high-performance affinity chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2021, 202, 114135.	2.8	10
8	Glycoprotein analysis using lectin microcolumns and capillary electrophoresis: Characterization of alpha1-acid glycoprotein by combined separation methods. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1179, 122855.	2.3	3
9	Affinity-Based Methods for the Analysis of Emerging Contaminants in Wastewater and Related Samples. Springer Transactions in Civil and Environmental Engineering, 2021, , 37-64.	0.4	0
10	Evaluation of microcolumn stability in ultrafast affinity extraction for binding and rate studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1187, 123047.	2.3	2
11	Clinical and pharmaceutical applications of affinity ligands in capillary electrophoresis: A review. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112882.	2.8	40
12	Development of a microcolumn one-site immunometric assay for a protein biomarker: Analysis of alpha1-acid glycoprotein. Journal of Chromatography A, 2020, 1610, 460558.	3.7	3
13	Development of an on-line immunoextraction/entrapment system for protein capture and use in drug binding studies by high-performance affinity chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1136, 121812.	2.3	10
14	Affinity chromatography: A review of trends and developments over the past 50Âyears. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1157, 122332.	2.3	93
15	Development and evaluation of silica-based lectin microcolumns for glycoform analysis of alpha1-acid glycoprotein. Analytica Chimica Acta, 2019, 1078, 189-199.	5.4	12
16	Kinetic Analysis by Affinity Chromatography. Frontiers in Chemistry, 2019, 7, 673.	3.6	15
17	Testosterone meets albumin â€" the molecular mechanism of sex hormone transport by serum albumins. Chemical Science, 2019, 10, 1607-1618.	7.4	38
18	Characterization of tolazamide binding with glycated and normal human serum albumin by using high-performance affinity chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 273-280.	2.8	21

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19	Optimization of protein entrapment in affinity microcolumns using hydrazide-activated silica and glycogen as a capping agent. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1121, 1-8.	2.3	10
20	An Overview of CE in Clinical Analysis. Methods in Molecular Biology, 2019, 1972, 3-11.	0.9	3
21	Glycoform Analysis of Alpha1-Acid Glycoprotein by Capillary Electrophoresis Using Electrophoretic Injection. Methods in Molecular Biology, 2019, 1972, 41-56.	0.9	0
22	Characterization of solution-phase drug-protein interactions by ultrafast affinity extraction. Methods, 2018, 146, 46-57.	3.8	14
23	Development of Immunochromatographic Assays for the Selective Detection of Zika Virus or Dengue Virus Serotypes in Serum. Clinical Chemistry, 2018, 64, 991-993.	3.2	8
24	Analysis of solute-protein interactions and solute-solute competition by zonal elution affinity chromatography. Methods, 2018, 146, 3-11.	3.8	25
25	Piperine potentiates curcumin-mediated repression of mTORC1 signaling in human intestinal epithelial cells: implications for the inhibition of protein synthesis and TNFÎ± signaling. Journal of Nutritional Biochemistry, 2018, 57, 276-286.	4.2	20
26	Affinity extraction of emerging contaminants from water based on bovine serum albumin as a binding agent. Journal of Separation Science, 2018, 41, 1074-1082.	2.5	6
27	High performance affinity chromatography and related separation methods for the analysis of biological and pharmaceutical agents. Analyst, The, 2018, 143, 374-391.	3.5	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 glycated human serum albumin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1102-1103, 8-16.	2.3	10
29	Chromatographic studies of chlorpropamide interactions with normal and glycated human serum albumin based on affinity microcolumns. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1097-1098, 64-73.	2.3	19
30	Peak decay analysis and biointeraction studies of immunoglobulin binding and dissociation on protein G affinity microcolumns. Methods, 2018, 146, 39-45.	3.8	11
31	Analysis of stereoselective drug interactions with serum proteins by high-performance affinity chromatography: A historical perspective. Journal of Pharmaceutical and Biomedical Analysis, 2017, 144, 12-24.	2.8	26
32	Analysis of Biological Interactions by Affinity Chromatography: Clinical and Pharmaceutical Applications. Clinical Chemistry, 2017, 63, 1083-1093.	3.2	29
33	Affinity monolith chromatography: A review of general principles and applications. Electrophoresis, 2017, 38, 2837-2850.	2.4	58
34	Dual-Target Binding Ligands with Modulated Pharmacokinetics for Endoradiotherapy of Prostate Cancer. Journal of Nuclear Medicine, 2017, 58, 1442-1449.	5.0	61
35	Chromatographic studies of drug interactions with alpha1-acid glycoprotein by ultrafast affinity extraction and peak profiling. Journal of Chromatography A, 2017, 1497, 92-101.	3.7	22
36	Studies of drug interactions with alpha 1 -acid glycoprotein by using on-line immunoextraction and high-performance affinity chromatography. Journal of Chromatography A, 2017, 1519, 64-73.	3.7	17

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37	Nanomaterials as stationary phases and supports in liquid chromatography. Electrophoresis, 2017, 38, 2498-2512.	2.4	31
38	Glycoform analysis of alpha1-acid glycoprotein based on capillary electrophoresis and electrophoretic injection. Journal of Chromatography A, 2017, 1523, 114-122.	3.7	16
39	Chromatographic Studies of Protein-Based Chiral Separations. Separations, 2016, 3, 27.	2.4	24
40	On-column entrapment of alpha1-acid glycoprotein for studies of drug-protein binding by high-performance affinity chromatography. Analytical and Bioanalytical Chemistry, 2016, 408, 5745-5756.	3.7	20
41	Use of protein G microcolumns in chromatographic immunoassays: A comparison of competitive binding formats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1021, 91-100.	2.3	11
42	Optimizing sequence coverage for a moderate mass protein in nano-electrospray ionization quadrupole time-of-flight mass spectrometry. Analytical Biochemistry, 2016, 509, 115-117.	2.4	1
43	Glycoform analysis of alpha1-acid glycoprotein by capillary electrophoresis. Journal of Chromatography A, 2016, 1475, 102-109.	3.7	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1021, 175-181.	2.3	13
45	Entrapment of alpha1-acid glycoprotein in high-performance affinity columns for drug-protein binding studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1021, 188-196.	2.3	24
46	Analysis of free drug fractions in serum by ultrafast affinity extraction and two-dimensional affinity chromatography using Î±1-acid glycoprotein microcolumns. Journal of Chromatography A, 2016, 1432, 49-57.	3.7	18
47	Analysis of free drug fractions in human serum by ultrafast affinity extraction and two-dimensional affinity chromatography. Analytical and Bioanalytical Chemistry, 2016, 408, 131-140.	3.7	13
48	High-Performance Affinity Chromatography. Advances in Protein Chemistry and Structural Biology, 2016, 102, 1-39.	2.3	22
49	Chromatographic immunoassays: strategies and recent developments in the analysis of drugs and biological agents. Bioanalysis, 2015, 7, 2947-2966.	1.5	22
50	Analysis of Hormoneâ€"Protein Binding in Solution by Ultrafast Affinity Extraction: Interactions of Testosterone with Human Serum Albumin and Sex Hormone Binding Globulin. Analytical Chemistry, 2015, 87, 11187-11194.	6.5	25
51	Analytical methods for kinetic studies of biological interactions: A review. Journal of Pharmaceutical and Biomedical Analysis, 2015, 113, 163-180.	2.8	67
52	Analysis of multi-site drugâ€"protein interactions by high-performance affinity chromatography: Binding by glimepiride to normal or glycated human serum albumin. Journal of Chromatography A, 2015, 1408, 133-144.	3.7	32
53	Development of enhanced capacity affinity microcolumns by using a hybrid of protein cross-linking/modification and immobilization. Journal of Chromatography A, 2015, 1400, 82-90.	3.7	14
54	Analysis of drugâ€"protein binding using on-line immunoextraction and high-performance affinity microcolumns: Studies with normal and glycated human serum albumin. Journal of Chromatography A, 2015, 1416, 112-120.	3.7	20

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55	Kinetic analysis of drugâ€"protein interactions by affinity chromatography. Drug Discovery Today: Technologies, 2015, 17, 16-21.	4.0	20
56	Affinity Chromatography: A Historical Perspective. Methods in Molecular Biology, 2015, 1286, 1-19.	0.9	22
57	Analysis of drug interactions with very low density lipoprotein by high-performance affinity chromatography. Analytical and Bioanalytical Chemistry, 2014, 406, 6203-6211.	3.7	9
58	Analysis of biomolecular interactions using affinity microcolumns: A review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 968, 49-63.	2.3	64
59	Studies of metaboliteâ€"protein interactions: A review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 966, 48-58.	2.3	27
60	Analysis of free drug fractions by ultrafast affinity extraction: Interactions of sulfonylurea drugs with normal or glycated human serum albumin. Journal of Chromatography A, 2014, 1371, 82-89.	3.7	19
61	Development of microcolumn-based one-site immunometric assays for protein biomarkers. Journal of Chromatography A, 2014, 1366, 92-100.	3.7	12
62	Determination of Rate Constants and Equilibrium Constants for Solution-Phase Drugâ€"Protein Interactions by Ultrafast Affinity Extraction. Analytical Chemistry, 2014, 86, 6454-6460.	6.5	55
63	Analysis of free fractions for chiral drugs using ultrafast extraction and multi-dimensional high-performance affinity chromatography. Analyst, The, 2013, 138, 6262.	3.5	23
64	Review: Glycation of human serum albumin. Clinica Chimica Acta, 2013, 425, 64-76.	1.1	318
65	Affinity monolith chromatography: a review of principles and recent analytical applications. Analytical and Bioanalytical Chemistry, 2013, 405, 2133-2145.	3.7	126
66	Use of entrapment and high-performance affinity chromatography to compare the binding of drugs and site-specific probes with normal and glycated human serum albumin. Analytical and Bioanalytical Chemistry, 2013, 405, 5833-5841.	3.7	44
67	An Overview of CE in Clinical Analysis. Methods in Molecular Biology, 2013, 919, 3-10.	0.9	4
68	Effects of Fatty Acids and Glycation on Drug Interactions with Human Serum Albumin. Current Metabolomics, 2013, 1, 241-252.	0.5	29
69	Biointeraction analysis of immobilized antibodies and related agents by high-performance immunoaffinity chromatography. Methods, 2012, 56, 130-135.	3.8	21
70	Pharmaceutical and biomedical applications of affinity chromatography: Recent trends and developments. Journal of Pharmaceutical and Biomedical Analysis, 2012, 69, 93-105.	2.8	166
71	Optimization of human serum albumin monoliths for chiral separations and high-performance affinity chromatography. Journal of Chromatography A, 2012, 1269, 198-207.	3.7	45
72	Analysis of Drug Interactions with Lipoproteins by High-Performance Affinity Chromatography. Advances in Medicine and Biology, 2012, 53, 199-216.	0.2	6

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73	Chromatographic analysis of drug interactions in the serum proteome. Analytical Methods, 2011, 3, 1449.	2.7	41
74	Development of a Flow-Based Ultrafast Immunoextraction and Reverse Displacement Immunoassay: Analysis of Free Drug Fractions. Analytical Chemistry, 2011, 83, 9384-9390.	6.5	30
75	Comparison of modification sites formed on human serum albumin at various stages of glycation. Clinica Chimica Acta, 2011, 412, 277-285.	1.1	129
76	Highâ€throughput analysis of drug dissociation from serum proteins using affinity silica monoliths. Journal of Separation Science, 2011, 34, 2255-2263.	2.5	27
77	Use of peak decay analysis and affinity microcolumns containing silica monoliths for rapid determination of drugâ€"protein dissociation rates. Journal of Chromatography A, 2011, 1218, 2072-2078.	3.7	58
78	Research Spotlight: Research in bioanalysis and separations at the University of Nebraska â€" Lincoln. Bioanalysis, 2011, 3, 1065-1076.	1.5	0
79	Characterization of Drug Interactions with Serum Proteins by Using High-Performance Affinity Chromatography. Current Drug Metabolism, 2011, 12, 313-328.	1.2	68
80	Analysis of lidocaine interactions with serum proteins using high-performance affinity chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 705-708.	2.3	27
81	Biointeraction analysis of carbamazepine binding to Î±₁â€acid glycoprotein by highâ€performance affinity chromatography. Journal of Separation Science, 2010, 33, 2294-2301.	2.5	28
82	Biointeraction analysis by high-performance affinity chromatography: Kinetic studies of immobilized antibodies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 165-171.	2.3	29
83	Characterization of the binding of sulfonylurea drugs to HSA by high-performance affinity chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 1590-1598.	2.3	65
84	Analysis of drugâ€"protein binding by ultrafast affinity chromatography using immobilized human serum albumin. Journal of Chromatography A, 2010, 1217, 2796-2803.	3.7	66
85	Immunoaffinity chromatography: an introduction to applications and recent developments. Bioanalysis, 2010, 2, 769-790.	1.5	161
86	Evaluation of indoleâ€based probes for highâ€throughput screening of drug binding to human serum albumin: Analysis by highâ€performance affinity chromatography. Journal of Separation Science, 2009, 32, 1145-1155.	2.5	36
87	Characterization of drugâ€"protein interactions in blood using highâ€performance affinity chromatography. Journal of Separation Science, 2009, 32, 835-853.	2.5	87
88	Evaluation of silica monoliths in affinity microcolumns for highâ€throughput analysis of drugâ€"protein interactions. Journal of Separation Science, 2009, 32, 2776-2785.	2.5	36
89	Studies of imipramine binding to human serum albumin by high-performance affinity chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1149-1154.	2.3	38
90	Evaluation of alternatives to warfarin as probes for Sudlow site I of human serum albumin. Journal of Chromatography A, 2009, 1216, 3492-3500.	3.7	47

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91	Measurement of Drugâˆ'Protein Dissociation Rates by High-Performance Affinity Chromatography and Peak Profiling. Analytical Chemistry, 2009, 81, 4320-4333.	6.5	67
92	Capillary electrophoresisâ€based immunoassays: Principles and quantitative applications. Electrophoresis, 2008, 29, 3279-3295.	2.4	58
93	Studies of verapamil binding to human serum albumin by high-performance affinity chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 876, 69-75.	2.3	35
94	Development of an affinity silica monolith containing human serum albumin for chiral separations. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 820-830.	2.8	70
95	Environmental Analysis by On-Line Immunoextraction and Reversed-Phase Liquid Chromatography:Â Optimization of the Immunoextraction/RPLC Interface. Journal of Agricultural and Food Chemistry, 2007, 55, 3788-3797.	5.2	10
96	Development of an affinity silica monolith containing Î±1-acid glycoprotein for chiral separations. Journal of Chromatography A, 2007, 1149, 294-304.	3.7	59
97	Analysis of Free Drug Fractions Using Near-Infrared Fluorescent Labels and an Ultrafast Immunoextraction/Displacement Assay. Analytical Chemistry, 2006, 78, 7547-7556.	6.5	47
98	Applications of silica supports in affinity chromatography. Journal of Separation Science, 2006, 29, 719-737.	2.5	92
99	Evaluation of a hydrazide-linked Î±1-acid glycoprotein chiral stationary phase: Separation ofR- andS-propranolol. Journal of Separation Science, 2006, 29, 1412-1422.	2.5	18
100	Affinity monolith chromatography. Journal of Separation Science, 2006, 29, 1686-1704.	2.5	194
101	Chromatographic analysis of carbamazepine binding to human serum albumin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 816, 57-66.	2.3	80
102	Immobilization of Î±1-acid glycoprotein for chromatographic studies of drugâ€"protein binding. Analytical Biochemistry, 2005, 346, 300-310.	2.4	88
103	Affinity Monoliths for Ultrafast Immunoextraction. Analytical Chemistry, 2005, 77, 2362-2372.	6.5	87
104	Analysis of Free Hormone Fractions by an Ultrafast Immunoextraction/Displacement Immunoassay:â€‰ Studies Using Free Thyroxine as a Model System. Analytical Chemistry, 2005, 77, 1859-1866.	6.5	47
105	Studies of phenytoin binding to human serum albumin by high-performance affinity chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 809, 137-145.	2.3	72
106	Development of a Portable Immunoextraction-Reversed-Phase Liquid Chromatography System for Field Studies of Herbicide Residues. Analytical Chemistry, 2004, 76, 805-813.	6.5	29
107	High-Performance Affinity Monolith Chromatography:Â Development and Evaluation of Human Serum Albumin Columns. Analytical Chemistry, 2004, 76, 7013-7022.	6.5	127
108	Using Periodate with Nitrite Solutions for Capillary Electrophoresis (the author replies). Journal of Chemical Education, 2003, 80, 1138.	2.3	0

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109	Clinical Applications of Affinity Chromatography. Separation and Purification Reviews, 2003, 32, 19-60.	5.5	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.	2.3	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.	5.4	32
112	Development of Sandwich HPLC Microcolumns for Analyte Adsorption on the Millisecond Time Scale. Analytical Chemistry, 2001, 73, 1366-1373.	6.5	17
113	Analysis of Free Drug Fractions by Ultrafast Immunoaffinity Chromatography. Analytical Chemistry, 2001, 73, 2157-2164.	6.5	52
114	Peer Reviewed: Chromatographic Immunoassays. Analytical Chemistry, 2001, 73, 198 A-205 A.	6.5	44
115	Antibody immobilization to high-performance liquid chromatography supports. Journal of Chromatography A, 2000, 888, 13-22.	3.7	53
116	Periodate Oxidation of Antibodies for Site-Selective Immobilization in Immunoaffinity Chromatography. Methods in Molecular Biology, 2000, 147, 69-82.	0.9	11
117	Immunoassays. Analytical Chemistry, 1999, 71, 294-304.	6.5	147
118	Characterization of Minor Site Probes for Human Serum Albumin by High-Performance Affinity Chromatography. Analytical Chemistry, 1999, 71, 3821-3827.	6.5	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.	6.5	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.	3.6	20
122	Studies of Protein Binding to Nonpolar Solutes by Using Zonal Elution and High-Performance Affinity Chromatography:Â Interactions ofcis- andtrans-Clomiphene with Human Serum Albumin in the Presence of Î²-Cyclodextrin. Analytical Chemistry, 1998, 70, 4602-4609.	6.5	37
123	Automated Protein Assay Using Flow Injection Analysis. Journal of Chemical Education, 1998, 75, 1025.	2.3	4
124	Determination of Nitrate and Nitrite in Water by Capillary Electrophoresis: An Undergraduate Laboratory Experiment. Journal of Chemical Education, 1998, 75, 1588.	2.3	17
125	Iron-enhanced remediation of water and soil containing atrazine. Weed Science, 1998, 46, 381-388.	1.5	28
126	Effects of Ligand Heterogeneity in the Characterization of Affinity Columns by Frontal Analysis. Analytical Chemistry, 1997, 69, 4790-4798.	6.5	50

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127	Development of a Kinetic Model To Describe the Effective Rate of Antibody Oxidation by Periodate. Bioconjugate Chemistry, 1997, 8, 914-920.	3.6	34
128	Clinical Chemistry. Analytical Chemistry, 1997, 69, 165-230.	6.5	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. Journal of Chemical Education, 1997, 74, 1413.	2.3	34
130	Analysis of Atrazine and Its Degradation Products in Water by Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. ACS Symposium Series, 1997, , 118-132.	0.5	4
131	Chiral separations in capillary electrophoresis using proteins as stereoselective binding agents. Electrophoresis, 1997, 18, 2311-2321.	2.4	57
132	Chiral Separation Mechanisms in Protein-Based HPLC Columns. 2. Kinetic Studies of (R)- and (S)-Warfarin Binding to Immobilized Human Serum Albumin. Analytical Chemistry, 1996, 68, 1218-1225.	6.5	93
133	Analysis of Pesticide Degradation Products by Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. Analytical Chemistry, 1996, 68, 3631-3637.	6.5	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. Journal of Chromatography A, 1996, 725, 273-285.	3.7	87
135	Development of dihydrazide-activated silica supports for high-performance affinity chromatography. Journal of Chromatography A, 1994, 669, 9-19.	3.7	107
136	Chiral Separation Mechanisms in Protein-Based HPLC Columns. 1. Thermodynamic Studies of (R)- and (S)-Warfarin Binding to Immobilized Human Serum Albumin. Analytical Chemistry, 1994, 66, 3814-3822.	6.5	262
137	Determination of Atrazine in Water Using Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. Analytical Chemistry, 1994, 66, 3823-3829.	6.5	105
138	Characterization of the binding and chiral separation of d- and l-tryptophan on a high-performance immobilized human serum albumin column. Journal of Chromatography A, 1993, 645, 241-250.	3.7	119
139	Theory of a sequential addition competitive binding immunoassay based on high-performance immunoaffinity chromatography. Analytical Chemistry, 1993, 65, 1622-1630.	6.5	64
140	Characterization of thyroxineâ€"albumin binding using high-performance affinity chromatography. Biomedical Applications, 1992, 579, 225-235.	1.7	116
141	High-performance immunoaffinity chromatography and chemiluminescent detection in the automation of a parathyroid hormone sandwich immunoassay. Analytical Chemistry, 1991, 63, 586-595.	6.5	85
142	Use of affinity chromatography in developing acridinium ester-labeled antibodies for an immunometric assay of parathyrin. Clinical Chemistry, 1991, 37, 117-118.	3.2	3