

David S Hage

List of Publications by Year in descending order

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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	Review: Glycation of human serum albumin. <i>Clinica Chimica Acta</i> , 2013, 425, 64-76.	1.1	318
2	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.	6.5	262
3	High-performance affinity chromatography: a powerful tool for studying serum protein binding. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 768, 3-30.	2.3	202
4	Affinity monolith chromatography. <i>Journal of Separation Science</i> , 2006, 29, 1686-1704.	2.5	194
5	Pharmaceutical and biomedical applications of affinity chromatography: Recent trends and developments. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 93-105.	2.8	166
6	Immunoaffinity chromatography: an introduction to applications and recent developments. <i>Bioanalysis</i> , 2010, 2, 769-790.	1.5	161
7	Immunoassays. <i>Analytical Chemistry</i> , 1999, 71, 294-304.	6.5	147
8	Survey of recent advances in analytical applications of immunoaffinity chromatography. <i>Biomedical Applications</i> , 1998, 715, 3-28.	1.7	144
9	Comparison of modification sites formed on human serum albumin at various stages of glycation. <i>Clinica Chimica Acta</i> , 2011, 412, 277-285.	1.1	129
10	High-Performance Affinity Monolith Chromatography: Development and Evaluation of Human Serum Albumin Columns. <i>Analytical Chemistry</i> , 2004, 76, 7013-7022.	6.5	127
11	Affinity monolith chromatography: a review of principles and recent analytical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2133-2145.	3.7	126
12	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.	3.7	119
13	Characterization of thyroxine albumin binding using high-performance affinity chromatography. <i>Biomedical Applications</i> , 1992, 579, 225-235.	1.7	116
14	Development of dihydrazide-activated silica supports for high-performance affinity chromatography. <i>Journal of Chromatography A</i> , 1994, 669, 9-19.	3.7	107
15	Determination of Atrazine in Water Using Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 1994, 66, 3823-3829.	6.5	105
16	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.	6.5	93
17	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.	2.3	93
18	Applications of silica supports in affinity chromatography. <i>Journal of Separation Science</i> , 2006, 29, 719-737.	2.5	92

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19	Immobilization of Î±1-acid glycoprotein for chromatographic studies of drug-protein binding. <i>Analytical Biochemistry</i> , 2005, 346, 300-310.	2.4	88
20	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.	3.7	87
21	Affinity Monoliths for Ultrafast Immunoextraction. <i>Analytical Chemistry</i> , 2005, 77, 2362-2372.	6.5	87
22	Characterization of drug-protein interactions in blood using high-performance affinity chromatography. <i>Journal of Separation Science</i> , 2009, 32, 835-853.	2.5	87
23	High-performance immunoaffinity chromatography and chemiluminescent detection in the automation of a parathyroid hormone sandwich immunoassay. <i>Analytical Chemistry</i> , 1991, 63, 586-595.	6.5	85
24	Clinical Chemistry. <i>Analytical Chemistry</i> , 1997, 69, 165-230.	6.5	84
25	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.	2.3	80
26	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.	2.3	72
27	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.	2.8	70
28	Characterization of Drug Interactions with Serum Proteins by Using High-Performance Affinity Chromatography. <i>Current Drug Metabolism</i> , 2011, 12, 313-328.	1.2	68
29	Measurement of Drug-Protein Dissociation Rates by High-Performance Affinity Chromatography and Peak Profiling. <i>Analytical Chemistry</i> , 2009, 81, 4320-4333.	6.5	67
30	Analytical methods for kinetic studies of biological interactions: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 163-180.	2.8	67
31	Characterization of Minor Site Probes for Human Serum Albumin by High-Performance Affinity Chromatography. <i>Analytical Chemistry</i> , 1999, 71, 3821-3827.	6.5	66
32	Analysis of drug-protein binding by ultrafast affinity chromatography using immobilized human serum albumin. <i>Journal of Chromatography A</i> , 2010, 1217, 2796-2803.	3.7	66
33	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.	2.3	65
34	Theory of a sequential addition competitive binding immunoassay based on high-performance immunoaffinity chromatography. <i>Analytical Chemistry</i> , 1993, 65, 1622-1630.	6.5	64
35	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.	2.3	64
36	Dual-Target Binding Ligands with Modulated Pharmacokinetics for Endoradiotherapy of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1442-1449.	5.0	61

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37	Development of an affinity silica monolith containing $\hat{I}\pm 1$ -acid glycoprotein for chiral separations. <i>Journal of Chromatography A</i> , 2007, 1149, 294-304.	3.7	59
38	Capillary electrophoresis-based immunoassays: Principles and quantitative applications. <i>Electrophoresis</i> , 2008, 29, 3279-3295.	2.4	58
39	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.	3.7	58
40	Affinity monolith chromatography: A review of general principles and applications. <i>Electrophoresis</i> , 2017, 38, 2837-2850.	2.4	58
41	Chiral separations in capillary electrophoresis using proteins as stereoselective binding agents. <i>Electrophoresis</i> , 1997, 18, 2311-2321.	2.4	57
42	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.	6.5	55
43	High performance affinity chromatography and related separation methods for the analysis of biological and pharmaceutical agents. <i>Analyst, The</i> , 2018, 143, 374-391.	3.5	54
44	Antibody immobilization to high-performance liquid chromatography supports. <i>Journal of Chromatography A</i> , 2000, 888, 13-22.	3.7	53
45	Analysis of Free Drug Fractions by Ultrafast Immunoaffinity Chromatography. <i>Analytical Chemistry</i> , 2001, 73, 2157-2164.	6.5	52
46	Effects of Ligand Heterogeneity in the Characterization of Affinity Columns by Frontal Analysis. <i>Analytical Chemistry</i> , 1997, 69, 4790-4798.	6.5	50
47	Analysis of Pesticide Degradation Products by Tandem High-Performance Immunoaffinity Chromatography and Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 1996, 68, 3631-3637.	6.5	49
48	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.	6.5	47
49	Analysis of Free Drug Fractions Using Near-Infrared Fluorescent Labels and an Ultrafast Immunoextraction/Displacement Assay. <i>Analytical Chemistry</i> , 2006, 78, 7547-7556.	6.5	47
50	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.	3.7	47
51	Optimization of human serum albumin monoliths for chiral separations and high-performance affinity chromatography. <i>Journal of Chromatography A</i> , 2012, 1269, 198-207.	3.7	45
52	Peer Reviewed: Chromatographic Immunoassays. <i>Analytical Chemistry</i> , 2001, 73, 198 A-205 A.	6.5	44
53	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.	3.7	44
54	Chromatographic analysis of drug interactions in the serum proteome. <i>Analytical Methods</i> , 2011, 3, 1449.	2.7	41

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55	Clinical and pharmaceutical applications of affinity ligands in capillary electrophoresis: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112882.	2.8	40
56	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.	2.3	38
57	Testosterone meets albumin – the molecular mechanism of sex hormone transport by serum albumins. <i>Chemical Science</i> , 2019, 10, 1607-1618.	7.4	38
58	Studies of Protein Binding to Nonpolar Solutes by Using Zonal Elution and High-Performance Affinity Chromatography: Interactions of <i>cis</i> - and <i>trans</i> -Clomiphene with Human Serum Albumin in the Presence of β -Cyclodextrin. <i>Analytical Chemistry</i> , 1998, 70, 4602-4609.	6.5	37
59	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.	2.5	36
60	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.	2.5	36
61	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.	2.3	35
62	Development of a Kinetic Model To Describe the Effective Rate of Antibody Oxidation by Periodate. <i>Bioconjugate Chemistry</i> , 1997, 8, 914-920.	3.6	34
63	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.	2.3	34
64	Optimization and development of a high-performance liquid chromatography-based one-site immunometric assay with chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2002, 470, 37-50.	5.4	32
65	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.	3.7	32
66	Nanomaterials as stationary phases and supports in liquid chromatography. <i>Electrophoresis</i> , 2017, 38, 2498-2512.	2.4	31
67	Development of a Theoretical Model for Chromatographic-Based Competitive Binding Immunoassays with Simultaneous Injection of Sample and Label. <i>Analytical Chemistry</i> , 1999, 71, 2965-2975.	6.5	30
68	Development of a Flow-Based Ultrafast Immunoextraction and Reverse Displacement Immunoassay: Analysis of Free Drug Fractions. <i>Analytical Chemistry</i> , 2011, 83, 9384-9390.	6.5	30
69	Development of a Portable Immunoextraction-Reversed-Phase Liquid Chromatography System for Field Studies of Herbicide Residues. <i>Analytical Chemistry</i> , 2004, 76, 805-813.	6.5	29
70	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.	2.3	29
71	Effects of Fatty Acids and Glycation on Drug Interactions with Human Serum Albumin. <i>Current Metabolomics</i> , 2013, 1, 241-252.	0.5	29
72	Analysis of Biological Interactions by Affinity Chromatography: Clinical and Pharmaceutical Applications. <i>Clinical Chemistry</i> , 2017, 63, 1083-1093.	3.2	29

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73	Iron-enhanced remediation of water and soil containing atrazine. <i>Weed Science</i> , 1998, 46, 381-388.	1.5	28
74	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.	2.5	28
75	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.	2.3	27
76	High-throughput analysis of drug dissociation from serum proteins using affinity silica monoliths. <i>Journal of Separation Science</i> , 2011, 34, 2255-2263.	2.5	27
77	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.	2.3	27
78	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.	2.8	26
79	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.	6.5	25
80	Analysis of solute-protein interactions and solute-solute competition by zonal elution affinity chromatography. <i>Methods</i> , 2018, 146, 3-11.	3.8	25
81	Affinity monolith chromatography: A review of general principles and recent developments. <i>Electrophoresis</i> , 2021, 42, 2577-2598.	2.4	25
82	Chromatographic Studies of Protein-Based Chiral Separations. <i>Separations</i> , 2016, 3, 27.	2.4	24
83	Entrapment of α 1-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.	2.3	24
84	Analysis of free fractions for chiral drugs using ultrafast extraction and multi-dimensional high-performance affinity chromatography. <i>Analyst</i> , 2013, 138, 6262.	3.5	23
85	Chromatographic immunoassays: strategies and recent developments in the analysis of drugs and biological agents. <i>Bioanalysis</i> , 2015, 7, 2947-2966.	1.5	22
86	Chromatographic studies of drug interactions with α 1-acid glycoprotein by ultrafast affinity extraction and peak profiling. <i>Journal of Chromatography A</i> , 2017, 1497, 92-101.	3.7	22
87	Affinity Chromatography: A Historical Perspective. <i>Methods in Molecular Biology</i> , 2015, 1286, 1-19.	0.9	22
88	High-Performance Affinity Chromatography. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 102, 1-39.	2.3	22
89	Biointeraction analysis of immobilized antibodies and related agents by high-performance immunoaffinity chromatography. <i>Methods</i> , 2012, 56, 130-135.	3.8	21
90	Glycoform analysis of α 1-acid glycoprotein by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2016, 1475, 102-109.	3.7	21

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91	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.	2.8	21
92	Kinetic Studies on the Immobilization of Antibodies to High-Performance Liquid Chromatographic Supports. <i>Bioconjugate Chemistry</i> , 1998, 9, 459-465.	3.6	20
93	Analysis of drug-protein binding using on-line immunoextraction and high-performance affinity microcolumns: Studies with normal and glycated human serum albumin. <i>Journal of Chromatography A</i> , 2015, 1416, 112-120.	3.7	20
94	Kinetic analysis of drug-protein interactions by affinity chromatography. <i>Drug Discovery Today: Technologies</i> , 2015, 17, 16-21.	4.0	20
95	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.	3.7	20
96	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.	4.2	20
97	Analysis of free drug fractions by ultrafast affinity extraction: Interactions of sulfonylurea drugs with normal or glycated human serum albumin. <i>Journal of Chromatography A</i> , 2014, 1371, 82-89.	3.7	19
98	Chromatographic studies of chlorpropamide interactions with normal and glycated 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.	2.3	19
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.	2.5	18
100	Analysis of free drug fractions in serum by ultrafast affinity extraction and two-dimensional affinity chromatography using α 1-acid glycoprotein microcolumns. <i>Journal of Chromatography A</i> , 2016, 1432, 49-57.	3.7	18
101	Determination of Nitrate and Nitrite in Water by Capillary Electrophoresis: An Undergraduate Laboratory Experiment. <i>Journal of Chemical Education</i> , 1998, 75, 1588.	2.3	17
102	Development of Sandwich HPLC Microcolumns for Analyte Adsorption on the Millisecond Time Scale. <i>Analytical Chemistry</i> , 2001, 73, 1366-1373.	6.5	17
103	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.	3.7	17
104	Glycoform analysis of alpha1-acid glycoprotein based on capillary electrophoresis and electrophoretic injection. <i>Journal of Chromatography A</i> , 2017, 1523, 114-122.	3.7	16
105	Kinetic Analysis by Affinity Chromatography. <i>Frontiers in Chemistry</i> , 2019, 7, 673.	3.6	15
106	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.	3.7	14
107	Characterization of solution-phase drug-protein interactions by ultrafast affinity extraction. <i>Methods</i> , 2018, 146, 46-57.	3.8	14
108	Clinical Applications of Affinity Chromatography. <i>Separation and Purification Reviews</i> , 2003, 32, 19-60.	5.5	13

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109	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.	2.3	13
110	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.	3.7	13
111	Development of microcolumn-based one-site immunometric assays for protein biomarkers. <i>Journal of Chromatography A</i> , 2014, 1366, 92-100.	3.7	12
112	Development and evaluation of silica-based lectin microcolumns for glycoform analysis of alpha1-acid glycoprotein. <i>Analytica Chimica Acta</i> , 2019, 1078, 189-199.	5.4	12
113	Periodate Oxidation of Antibodies for Site-Selective Immobilization in Immunoaffinity Chromatography. <i>Methods in Molecular Biology</i> , 2000, 147, 69-82.	0.9	11
114	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.	2.3	11
115	Peak decay analysis and biointeraction studies of immunoglobulin binding and dissociation on protein G affinity microcolumns. <i>Methods</i> , 2018, 146, 39-45.	3.8	11
116	Environmental Analysis by On-Line Immunoextraction and Reversed-Phase Liquid Chromatography:Â Optimization of the Immunoextraction/RPLC Interface. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3788-3797.	5.2	10
117	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1102-1103, 8-16.	2.3	10
118	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.	2.3	10
119	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.	2.3	10
120	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.	2.8	10
121	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.	2.8	10
122	Analysis of drug interactions with very low density lipoprotein by high-performance affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6203-6211.	3.7	9
123	Studies of binding by sulfonylureas with glyoxal- and methylglyoxal-modified albumin by immunoextraction using affinity microcolumns. <i>Journal of Chromatography A</i> , 2021, 1638, 461683.	3.7	9
124	Development of Immuno-chromatographic Assays for the Selective Detection of Zika Virus or Dengue Virus Serotypes in Serum. <i>Clinical Chemistry</i> , 2018, 64, 991-993.	3.2	8
125	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.	2.3	7
126	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.	2.5	6

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127	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
128	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
129	Automated Protein Assay Using Flow Injection Analysis. <i>Journal of Chemical Education</i> , 1998, 75, 1025.	2.3	4
130	An Overview of CE in Clinical Analysis. <i>Methods in Molecular Biology</i> , 2013, 919, 3-10.	0.9	4
131	Use of affinity chromatography in developing acridinium ester-labeled antibodies for an immunometric assay of parathyrin. <i>Clinical Chemistry</i> , 1991, 37, 117-118.	3.2	3
132	An Overview of CE in Clinical Analysis. <i>Methods in Molecular Biology</i> , 2019, 1972, 3-11.	0.9	3
133	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.	3.7	3
134	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.	2.3	3
135	Approaches for the detection and analysis of antidrug antibodies to biopharmaceuticals: A review. <i>Journal of Separation Science</i> , 2022, 45, 2077-2092.	2.5	3
136	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.	2.3	2
137	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.	2.4	1
138	Using Periodate with Nitrite Solutions for Capillary Electrophoresis (the author replies). <i>Journal of Chemical Education</i> , 2003, 80, 1138.	2.3	0
139	Research Spotlight: Research in bioanalysis and separations at the University of Nebraska â€“ Lincoln. <i>Bioanalysis</i> , 2011, 3, 1065-1076.	1.5	0
140	Glycoform Analysis of Alpha1-Acid Glycoprotein by Capillary Electrophoresis Using Electrophoretic Injection. <i>Methods in Molecular Biology</i> , 2019, 1972, 41-56.	0.9	0
141	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.	0.4	0
142	Entrapment of Proteins Within Columns for High-Performance Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2022, 2466, 205-227.	0.9	0