

Rapid one-step purification of goat immunoglobulins by chromatography

Journal of Immunological Methods

181, 225-232

DOI: [10.1016/0022-1759\(95\)00006-v](https://doi.org/10.1016/0022-1759(95)00006-v)

Citation Report

#	ARTICLE	IF	CITATIONS
1	SCALE UP ISOLATION OF IMMUNOGLOBULINS FROM PIG SERUM BY IMMOBILIZED METAL AFFINITY CHROMATOGRAPHY. <i>Journal of Food Biochemistry</i> , 1995, 19, 367-380.	2.9	7
2	Liquid column chromatography. <i>Journal of Chromatography A</i> , 1995, 714, B383-B429.	3.7	0
3	Liquid Chromatography: Theory and Methodology. <i>Analytical Chemistry</i> , 1996, 68, 515-568.	6.5	70
4	Immobilized metal-ion affinity chromatography: Imidazole proton pump and chromatographic sequelae. I. Proton pump. , 1996, 9, 389-393.		19
5	Immobilized metal-ion affinity chromatography: Imidazole proton pump and chromatographic sequelae. II. Chromatographic sequelae. , 1996, 9, 494-498.		10
6	Recent Developments in the Use of Group-Specific Ligands for Affinity Bioseparations. <i>Separation and Purification Reviews</i> , 1996, 25, 85-129.	0.8	7
7	Antibody purification methods. <i>Applied Biochemistry and Biotechnology</i> , 1998, 75, 93-102.	2.9	15
8	Application of screen-printed electrodes as transducers in affinity flow-through sensor systems. <i>Biosensors and Bioelectronics</i> , 1998, 13, 1107-1115.	10.1	40
9	Coordination of the six-mer peptide Gly-His-Pro-His-His-Gly to CuII and PdII N-methyliminodiacetate complexes as IMAC chelation site models. <i>Journal of Inorganic Biochemistry</i> , 1999, 76, 211-220.	3.5	14
10	Purification of Human Interleukin-2 Fusion Protein Produced in Insect Larvae Is Facilitated by Fusion with Green Fluorescent Protein and Metal Affinity Ligand. <i>Biotechnology Progress</i> , 1999, 15, 283-286.	2.6	22
11	Chimeric infectious bursal disease virus-like particles expressed in insect cells and purified by immobilized metal affinity chromatography. , 1999, 63, 721-729.		36
12	Comparison of energy-minimized structures of [PdII(mida)] complexes of peptide sequences used in immobilized metal ion affinity chromatography protein separations. <i>Inorganica Chimica Acta</i> , 2000, 311, 57-68.	2.4	2
13	Immobilized Metal Ion Affinity Chromatography. <i>Journal of Chromatography Library</i> , 2000, 61, 301-383.	0.1	29
14	Coordination of Two High-Affinity Hexamer Peptides to Copper(II) and Palladium(II) Models of the Peptide-Metal Chelation Site on IMAC Resins. <i>Inorganic Chemistry</i> , 2000, 39, 1180-1186.	4.0	26
15	Twenty-five years of immobilized metal ion affinity chromatography: past, present and future. <i>Journal of Proteomics</i> , 2001, 49, 313-334.	2.4	315
16	Perspectives of immobilized-metal affinity chromatography. <i>Journal of Proteomics</i> , 2001, 49, 335-360.	2.4	487
17	Purification of antibodies by affinity chromatography. <i>Journal of Proteomics</i> , 2002, 51, 217-231.	2.4	211
18	IMAC of human IgG: studies with IDA-immobilized copper, nickel, zinc, and cobalt ions and different buffer systems. <i>Process Biochemistry</i> , 2002, 37, 573-579.	3.7	67

#	ARTICLE	IF	CITATIONS
19	Current and prospective applications of metal ion-protein binding. <i>Journal of Chromatography A</i> , 2003, 988, 1-23.	3.7	416
20	Solid-phase biotinylation of antibodies. <i>Journal of Molecular Recognition</i> , 2004, 17, 268-276.	2.1	23
21	Mercaptoheterocyclic ligands grafted on a poly(ethylene vinyl alcohol) membrane for the purification of immunoglobulin G in a salt independent thiophilic chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 808, 51-56.	2.3	23
22	Immobilized metal-ion affinity chromatography of human antibodies and their proteolytic fragments. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 808, 57-62.	2.3	57
23	Contributions of commercial sorbents to the selectivity in immobilized metal affinity chromatography with Cu(II). <i>Journal of Chromatography A</i> , 2004, 1031, 87-92.	3.7	43
24	Use of Modified Chitosan Macrospheres in the Selective Removal of Immunoglobulins. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 2649-2669.	1.0	3
25	Evaluation of immobilized metal membrane affinity chromatography for purification of an immunoglobulin G1 monoclonal antibody. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 816, 259-268.	2.3	40
26	A Comparative Study of Monoclonal Antibodies (Mabs) Purified from Cell Culture Supernatant on EDTPA-Modified Zirconia Beads and Protein A-Hyper D Support. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 471-484.	1.0	1
27	Immunoaffinity carrier prepared by immobilization of antibody via Co ³⁺ -chelate. <i>Journal of Separation Science</i> , 2006, 29, 1082-1087.	2.5	1
28	Magnetic IDA-modified hydrophilic methacrylate-based polymer microspheres for IMAC protein separation. <i>Journal of Separation Science</i> , 2006, 29, 2541-2549.	2.5	22
29	Immobilized Metal-Ion Affinity Chromatography: Status and Trends. <i>Separation and Purification Reviews</i> , 2007, 36, 71-111.	5.5	121
30	Affinity-based methodologies and ligands for antibody purification: Advances and perspectives. <i>Journal of Chromatography A</i> , 2007, 1160, 44-55.	3.7	226
31	Pseudoaffinity Chromatography Using a Convective Interaction Media®-Disk Monolithic Column. <i>Chromatographia</i> , 2007, 65, 639-648.	1.3	21
32	Effect of IDA and TREN chelating agents and buffer systems on the purification of human IgG with immobilized nickel affinity membranes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 861, 64-73.	2.3	57
33	Adsorption of human serum proteins onto TREN-agarose: Purification of human IgG by negative chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 17-23.	2.3	17
34	Chapter 27 Immobilized-Metal Affinity Chromatography (IMAC). <i>Methods in Enzymology</i> , 2009, 463, 439-473.	1.0	309
35	Characterization of metal chelate methacrylate monolithic disk for purification of polyclonal and monoclonal immunoglobulin G. <i>Journal of Chromatography A</i> , 2010, 1217, 3660-3667.	3.7	37
36	Interaction of histidine-tagged human proinsulin with immobilized nickel ion: Effect of chelating ligand and thermodynamics analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 369, 176-185.	4.7	8

#	ARTICLE	IF	CITATIONS
37	Immobilized metal-ion affinity systems for recovery and structure–function studies of proteins at molecular, supramolecular, and cellular levels. <i>Pure and Applied Chemistry</i> , 2010, 82, 39-55.	1.9	11
38	Immobilized Metal Ion Affinity Chromatography. <i>Methods of Biochemical Analysis</i> , 2011, 54, 183-201.	0.2	15
40	Investigation of protein adsorption performance of Ni ²⁺ -attached diatomite particles embedded in composite monolithic cryogels. <i>Journal of Separation Science</i> , 2011, 34, 2173-2180.	2.5	30
41	Process intensification of immobilized metal affinity chromatography with longitudinal and oscillatory transverse electric fields. <i>Separation and Purification Technology</i> , 2011, 77, 375-381.	7.9	1
42	Immobilized metal ion affinity chromatography: a review on its applications. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1411-1420.	3.6	202
43	Negative chromatography on agarose-TREN as a technique for purification of protein spiked in soybean seeds extract. <i>Process Biochemistry</i> , 2012, 47, 2255-2261.	3.7	3
44	Oriented covalent immobilization of antibodies onto heterofunctional agarose supports: A highly efficient immuno-affinity chromatography platform. <i>Journal of Chromatography A</i> , 2012, 1262, 56-63.	3.7	28
45	Purification of monoclonal antibodies, IgG1, from cell culture supernatant by use of metal chelate convective interaction media monolithic columns. <i>Biomedical Chromatography</i> , 2012, 26, 1488-1493.	1.7	11
46	Behavior of human immunoglobulin G adsorption onto immobilized Cu(II) affinity hollow fiber membranes. <i>Journal of Molecular Recognition</i> , 2013, 26, 514-520.	2.1	4
47	Separation of human Fab fragments on negative mode Ni(II)-TREN-agarose chromatography. <i>Process Biochemistry</i> , 2014, 49, 715-723.	3.7	6
48	The effect of NaCl on the adsorption of human IgG onto CM-Asp-PEVA hollow fiber membrane-immobilized nickel and cobalt metal ions. <i>Adsorption</i> , 2014, 20, 677-688.	3.0	12
49	Potentiometric, kinetic, and thermodynamic investigations into Cu ²⁺ ion binding properties of vinyl imidazole containing IMAC adsorbent. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	4
50	Novel monoclonal antibody against truncated C terminal region of Histidine Rich Protein2 (PfHRP2) and its utility for the specific diagnosis of malaria caused by <i>Plasmodium falciparum</i> . <i>Experimental Parasitology</i> , 2015, 150, 56-66.	1.2	7
51	Purification of Human Serum Immunoglobulins Using Immobilized Metal Affinity Chromatography with Ethylenediamine Triacetic Acid as Chelating Agent. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 74-81.	1.0	3
52	Biosynthesis and purification of histidine-tagged human soluble catechol-O-methyltransferase. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 3035-3044.	3.2	7
53	Affinity chromatography: A versatile technique for antibody purification. <i>Methods</i> , 2017, 116, 84-94.	3.8	71
54	Formation of complexes between functionalized chitosan membranes and copper: A study by angle resolved XPS. <i>Materials Chemistry and Physics</i> , 2017, 185, 152-161.	4.0	59
55	High selective purification of IgY from quail egg: Process design and quantification of deep eutectic solvent based ultrasound assisted liquid phase microextraction coupled with preparative chromatography. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 253-262.	7.5	20

#	ARTICLE	IF	CITATIONS
56	Non-invasive determination of ionizable ligand group density on high internal phase emulsion derived polymer. Journal of Chromatography A, 2021, 1652, 462077.	3.7	6
57	Purification of Antibodies by Chromatographic Methods. , 2004, , 133-168.		3
58	Immobilized metal-ion affinity chromatography. , 2002, , .		2
60	Isolation and Purification of Enzymes. , 2006, , 515-532.		0