

Jun Haginaka

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200 papers	5,812 citations	43 h-index	66 g-index
216 ext. papers	6,156 ext. citations	3.8 avg, IF	5.93 L-index

#	Paper	IF	Citations
200	Separation and sensing based on molecular recognition using molecularly imprinted polymers. <i>Biomedical Applications</i> , 1999 , 728, 1-20		269
199	Protein-based chiral stationary phases for high-performance liquid chromatography enantioseparations. <i>Journal of Chromatography A</i> , 2001 , 906, 253-73	4.5	185
198	Molecularly imprinted polymers as affinity-based separation media for sample preparation. <i>Journal of Separation Science</i> , 2009 , 32, 1548-65	3.4	151
197	Uniform-sized molecularly imprinted polymer for (S)-naproxen selectively modified with hydrophilic external layer. <i>Journal of Chromatography A</i> , 1999 , 849, 331-9	4.5	147
196	Enantiomer separation of drugs by capillary electrophoresis using proteins as chiral selectors. <i>Journal of Chromatography A</i> , 2000 , 875, 235-54	4.5	143
195	Monodispersed, molecularly imprinted polymers as affinity-based chromatography media. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 866, 3-13	3.2	140
194	Uniform-sized molecularly imprinted polymers for 2-arylpropionic acid derivatives selectively modified with hydrophilic external layer and their applications to direct serum injection analysis. <i>Analytical Chemistry</i> , 2000 , 72, 5206-10	7.8	137
193	Determination of bisphenol A in environmental water at ultra-low level by high-performance liquid chromatography with an effective on-line pretreatment device. <i>Journal of Chromatography A</i> , 2004 , 1032, 45-9	4.5	121
192	Molecularly imprinted polymers for triazine herbicides prepared by multi-step swelling and polymerization method. Their application to the determination of methylthiotriazine herbicides in river water. <i>Journal of Chromatography A</i> , 2007 , 1152, 130-7	4.5	119
191	Simultaneous determination of bisphenol A and its halogenated derivatives in river water by combination of isotope imprinting and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1134, 16-23	4.5	116
190	Uniformly sized molecularly imprinted polymer for (S)-nilvadipine. Comparison of chiral recognition ability with HPLC chiral stationary phases based on a protein. <i>Analytical Chemistry</i> , 2003 , 75, 191-8	7.8	116
189	Molecularly imprinted uniform-size polymer-based stationary phase for high-performance liquid chromatography structural contribution of cross-linked polymer network on specific molecular recognition. <i>Journal of Chromatography A</i> , 1996 , 728, 139-147	4.5	101
188	Restricted access media-molecularly imprinted polymer for propranolol and its application to direct injection analysis of beta-blockers in biological fluids. <i>Analyst, The</i> , 2003 , 128, 593-7	5	92
187	Recent progresses in protein-based chiral stationary phases for enantioseparations in liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 875, 12-9	3.2	83
186	Uniformly sized molecularly imprinted polymer for (S)-naproxen retention and molecular recognition properties in aqueous mobile phase. <i>Journal of Chromatography A</i> , 2001 , 913, 141-6	4.5	83
185	Uniformly-sized, molecularly imprinted polymers for nicotine by precipitation polymerization. <i>Journal of Chromatography A</i> , 2006 , 1134, 88-94	4.5	82
184	Preparation of magnetic molecularly imprinted polymers for bisphenol A and its analogues and their application to the assay of bisphenol A in river water. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 75, 180-5	3.5	80

183	Corosolic acid prevents oxidative stress, inflammation and hypertension in SHR/NDmcr-cp rats, a model of metabolic syndrome. <i>Life Sciences</i> , 2006 , 79, 2474-9	6.8	76
182	Displacement and nonlinear chromatographic techniques in the investigation of interaction of noncompetitive inhibitors with an immobilized alpha3beta4 nicotinic acetylcholine receptor liquid chromatographic stationary phase. <i>Analytical Chemistry</i> , 2002 , 74, 4618-24	7.8	73
181	Molecularly imprinted polymers for simultaneous determination of antiepileptics in river water samples by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 4957-62	4.5	72
180	Uniform-sized molecularly imprinted polymer for (S)-ibuprofen retention properties in aqueous mobile phases. <i>Journal of Chromatography A</i> , 1999 , 857, 117-25	4.5	72
179	The absence of chiral recognition ability in ovomucoid: ovoglycoprotein-bonded HPLC stationary phases for chiral recognition. <i>Analytical Chemistry</i> , 1995 , 67, 2539-47	7.8	67
178	Selectivity of affinity media in solid-phase extraction of analytes. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 407-415	14.6	66
177	Molecularly imprinted uniform-sized polymer-based stationary phase for naproxen. <i>Journal of Chromatography A</i> , 1998 , 816, 113-121	4.5	65
176	Uniformly sized molecularly imprinted polymers for bisphenol A and beta-estradiol: retention and molecular recognition properties in hydro-organic mobile phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 30, 1835-44	3.5	64
175	Uniform-size Macroporous Polymer-based Stationary Phase for HPLC Prepared through Molecular Imprinting Technique. <i>Chemistry Letters</i> , 1994 , 23, 1437-1438	1.7	64
174	Beta-cyclodextrin bonded silica for direct injection analysis of drug enantiomers in serum by liquid chromatography. <i>Analytical Chemistry</i> , 1990 , 62, 997-1000	7.8	63
173	Direct injection analysis of bisphenol A in serum by combination of isotope imprinting with liquid chromatography-mass spectrometry. <i>Analyst, The</i> , 2005 , 130, 38-40	5	62
172	Uniformly sized molecularly imprinted polymer for d-chlorpheniramine. Evaluation of retention and molecular recognition properties in an aqueous mobile phase. <i>Journal of Chromatography A</i> , 2002 , 948, 77-84	4.5	61
171	Molecularly imprinted polymers for solid-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 379, 332-4	4.4	60
170	Monodispersed, molecularly imprinted polymers for cinchonidine by precipitation polymerization. <i>Talanta</i> , 2010 , 80, 1713-8	6.2	58
169	Drug determination in serum by liquid chromatography with restricted access stationary phases. <i>TrAC - Trends in Analytical Chemistry</i> , 1991 , 10, 17-22	14.6	58
168	Pharmaceutical and biomedical applications of enantioseparations using liquid chromatographic techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 357-72	3.5	56
167	Oxidants in cigarette smoke extract modify low-density lipoprotein in the plasma and facilitate atherogenesis in the aorta of Watanabe heritable hyperlipidemic rabbits. <i>Atherosclerosis</i> , 2001 , 156, 109-117	3.7	53
166	Elevated circulating levels of markers of oxidative-nitrative stress and inflammation in a genetic rat model of metabolic syndrome. <i>Nitric Oxide - Biology and Chemistry</i> , 2006 , 15, 380-6	5	51

165	Determination of ATP and its metabolites released from rat caudal artery by isocratic ion-pair reversed-phase high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 1998 , 262, 33-8	3.1	48
164	Uniform-sized molecularly imprinted polymer material for (S)-propranolol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 22, 899-907	3.5	48
163	High-performance liquid chromatographic assay of ampicillin, amoxicillin and ciclacillin in serum and urine using a pre-column reaction with 1,2,4-triazole and mercury(II) chloride. <i>Analyst, The</i> , 1985 , 110, 1277-81	5	47
162	Uniformly sized molecularly imprinted polymer for atropine and its application to the determination of atropine and scopolamine in pharmaceutical preparations containing Scopolia extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 231-7	3.5	46
161	Simultaneous determination of non-steroidal anti-inflammatory drugs in river water samples by liquid chromatography-tandem mass spectrometry using molecularly imprinted polymers as a pretreatment column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 916-22	3.5	45
160	Retention properties of internal-surface reversed-phase silica packing and recovery of drugs from human plasma. <i>Biomedical Applications</i> , 1987 , 420, 297-311		45
159	Protein binding chiral discrimination of HPLC stationary phases made with whole, fragmented, and third domain turkey ovomucoid. <i>Analytical Chemistry</i> , 1995 , 67, 2354-67	7.8	44
158	Direct serum injection with micellar liquid chromatography: chromatographic behavior and recovery of cephalosporins. <i>Analytical Chemistry</i> , 1987 , 59, 2732-2734	7.8	43
157	Internal-surface reversed-phase silica support for direct injection determination of drugs in biological fluids by liquid chromatography. <i>Analytical Chemistry</i> , 1989 , 61, 2445-8	7.8	42
156	Matrine- and oxymatrine-imprinted monodisperse polymers prepared by precipitation polymerization and their applications for the selective extraction of matrine-type alkaloids from <i>Sophora flavescens</i> Aiton. <i>Journal of Chromatography A</i> , 2012 , 1248, 18-23	4.5	38
155	Separation of enantiomers on a pepsin-bonded column. <i>Journal of Chromatography A</i> , 1995 , 708, 161-168	4.5	38
154	Peroxynitrite-mediated oxidative modification of low-density lipoprotein by aqueous extracts of cigarette smoke and the preventive effect of fluvastatin. <i>Atherosclerosis</i> , 2004 , 172, 259-65	3.1	37
153	Screening of tobacco smoke condensate for nicotinic acetylcholine receptor ligands using cellular membrane affinity chromatography columns and missing peak chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 238-46	3.5	35
152	Preparation of uniformly sized molecularly imprinted polymers for phenolic compounds and their application to the assay of bisphenol A in river water. <i>Analytical Sciences</i> , 2003 , 19, 715-9	1.7	34
151	Molecularly imprinted polymer for chlorogenic acid by modified precipitation polymerization and its application to extraction of chlorogenic acid from <i>Eucommia ulmoides</i> leaves. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 139-44	3.5	33
150	Retentivity and enantioselectivity of uniformly sized molecularly imprinted polymers for d-chlorpheniramine and -brompheniramine in hydro-organic mobile phases. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 804, 19-24	3.2	31
149	Screening of bitterness-suppressing agents for quinine: the use of molecularly imprinted polymers. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 353-62	3.9	31
148	Monodisperse, molecularly imprinted polymers for creatinine by modified precipitation polymerization and their applications to creatinine assays for human serum and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 85, 288-94	3.5	30

147	Uniformly-sized, molecularly imprinted polymers for (-)-epigallocatechin gallate, -epicatechin gallate and -gallocatechin gallate by multi-step swelling and polymerization method. <i>Journal of Chromatography A</i> , 2007 , 1156, 45-50	4.5	30
146	Preparation and evaluation of a novel chiral stationary phase based on covalently bonded chitosan for ligand-exchange chromatography. <i>Journal of Separation Science</i> , 2006 , 29, 1440-6	3.4	29
145	Liquid chromatographic determination of amoxicillin and its metabolites in human urine by postcolumn degradation with sodium hypochlorite. <i>Biomedical Applications</i> , 1987 , 413, 219-26		29
144	Uniformly sized molecularly imprinted polymers for d-chlorpheniramine: influence of a porogen on their morphology and enantioselectivity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 46, 877-81	3.5	28
143	Multiple ligand-binding properties of the lipocalin member chicken alpha1-acid glycoprotein studied by circular dichroism and electronic absorption spectroscopy: the essential role of the conserved tryptophan residue. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 1248-73	4	28
142	Chiral resolution of derivatized amino acids using uniformly sized molecularly imprinted polymers in hydro-organic mobile phases. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 1907-12	4.4	28
141	HPLC-based bioseparations using molecularly imprinted polymers. <i>Bioseparation</i> , 2001 , 10, 337-51		27
140	Participation of peroxyxynitrite in oxidative modification of LDL by aqueous extracts of cigarette smoke. <i>FEBS Letters</i> , 2002 , 512, 218-22	3.8	27
139	Evidence of modified lipoprotein in the plasma of Watanabe heritable hyperlipidemic rabbits by anion-exchange high-performance liquid chromatographic assay. <i>Atherosclerosis</i> , 1998 , 139, 323-31	3.1	27
138	Enantioselectivity of bovine serum albumin-bonded columns produced with isolated protein fragments. <i>Journal of Chromatography A</i> , 1995 , 694, 71-80	4.5	27
137	Separation of enantiomers on a lysozyme-bonded silica column. <i>Journal of Chromatography A</i> , 1994 , 666, 203-210	4.5	27
136	Molecularly Imprinted Uniform-Sized Polymer-Based Stationary Phase for Naproxen. <i>Chemistry Letters</i> , 1997 , 26, 555-556	1.7	26
135	Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. II. Comparison of chiral recognition properties with crude ovomucoid. <i>Journal of Chromatography A</i> , 1997 , 777, 241-7	4.5	26
134	Protein domain of chicken alpha(1)-acid glycoprotein is responsible for chiral recognition. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 295, 587-90	3.4	26
133	High-Performance Liquid Chromatography Stationary Phases Based on Electron Interaction. Aminopropyl Silica Gels Modified with Metal Phthalocyanines. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 1825-1829	5.1	26
132	Separation of basic drug enantiomers by capillary zone electrophoresis using ovoglycoprotein as a chiral selector. <i>Journal of Chromatography A</i> , 1997 , 782, 281-288	4.5	25
131	Addition of N-carbobenzyloxy-L-tryptophan as a co-template molecule to molecularly imprinted polymer monoliths for (+)-nilvadipine. <i>Journal of Chromatography A</i> , 2008 , 1185, 258-62	4.5	24
130	Retention and enantioselectivity of 2-arylpropionic acid derivatives on an avidin-bonded silica column Influence of base materials, spacer type and protein modification. <i>Journal of Chromatography A</i> , 1994 , 677, 229-237	4.5	24

129	Retention and enantioselectivity of racemic solutes on a modified ovomucoid-bonded column. <i>Journal of Chromatography A</i> , 1992 , 592, 301-307	4.5	24
128	Investigation of enantioselectivity and enantiomeric elution order of propranolol and its ester derivatives on an ovomucoid-bonded column. <i>Journal of Chromatography A</i> , 1992 , 598, 67-72	4.5	24
127	Molecularly imprinted polymer for caffeic acid by precipitation polymerization and its application to extraction of caffeic acid and chlorogenic acid from <i>Eucommia ulmoides</i> leaves. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 127, 32-8	3.5	23
126	Preparation of molecularly imprinted polymers for organophosphates and their application to the recognition of organophosphorus compounds and phosphopeptides. <i>Analytica Chimica Acta</i> , 2012 , 748, 1-8	6.6	23
125	Determination of anticonvulsant drugs and methyl xanthine derivatives in serum by liquid chromatography with direct injection: column-switching method using a new internal-surface reversed-phase silica support as a precolumn. <i>Biomedical Applications</i> , 1990 , 529, 455-61		23
124	Synthesis of mixed-functional-phase silica supports for liquid chromatography and their applications to assays of drugs in serum. <i>Journal of Chromatography A</i> , 1990 , 535, 163-72	4.5	23
123	Liquid chromatographic determination of penicillins by postcolumn alkaline degradation. <i>Analytical Chemistry</i> , 1985 , 57, 1568-71	7.8	23
122	Enantioselectivity of bovine serum albumin-bonded columns produced with isolated protein fragments. II. Characterization of protein fragments and chiral binding sites. <i>Journal of Chromatography A</i> , 1997 , 769, 215-23	4.5	22
121	Liquid chromatographic assay of beta-lactamase inhibitors in human serum and urine using a hollow-fiber postcolumn reactor. <i>Analytical Chemistry</i> , 1987 , 59, 324-7	7.8	22
120	Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. I. Influences of the pore size of base silica materials and bound protein amounts on chiral resolution. <i>Journal of Chromatography A</i> , 1997 , 773, 85-91	4.5	21
119	Uniform-Size Molecularly Imprinted Polymer Material for Propranolol. Recognition of Propranolol and Its Metabolites.. <i>Analytical Sciences</i> , 1998 , 14, 823-826	1.7	21
118	Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. V. Influence of immobilization method on chiral resolution. <i>Journal of Chromatography A</i> , 1999 , 840, 171-81	4.5	21
117	Peroxynitrite-generating species: good candidate oxidants in aqueous extracts of cigarette smoke. <i>The Japanese Journal of Pharmacology</i> , 2000 , 82, 78-81		21
116	Effect of stationary phase structure on retention and selectivity of restricted-access reversed-phase packing materials. <i>Journal of Chromatography A</i> , 1991 , 558, 19-30	4.5	21
115	Investigation of chiral recognition mechanism on chicken alpha(1)-acid glycoprotein using separation system. <i>Journal of Chromatography A</i> , 2006 , 1106, 124-30	4.5	20
114	Separation of basic drug enantiomers by capillary electrophoresis using chicken alpha1-acid glycoprotein: insight into chiral recognition mechanism. <i>Electrophoresis</i> , 2003 , 24, 2442-7	3.6	20
113	An Unexpected Molecular Imprinting Effect for a Polyaromatic Hydrocarbon, Anthracene, Using Uniform Size Ethylene Dimethacrylate Particles. <i>Journal of High Resolution Chromatography</i> , 1999 , 22, 256-260		20
112	Liquid chromatographic determination of penicillins by postcolumn degradation with sodium hypochlorite. <i>Analytical Chemistry</i> , 1986 , 58, 1896-8	7.8	20

111	Chiral resolution of basic drugs by capillary electrophoresis with new glycosaminoglycans. <i>Journal of Chromatography A</i> , 1999 , 864, 163-71	4.5	19
110	Determination of enantiomers of 1-benzyl-4-[(5,6-dimethoxy-1-indanon)-2-yl]methylpiperidine hydrochloride (E2020), a centrally acting acetylcholine esterase inhibitor, in plasma by liquid chromatography with fluorometric detection. <i>Biomedical Applications</i> , 1992 , 577, 95-102		19
109	Characterization of an internal-surface reversed-phase silica support for liquid chromatography and its application to assays of drugs in serum. <i>Journal of Chromatography A</i> , 1990 , 515, 59-66	4.5	19
108	Uniform-sized Molecularly Imprinted Polymers for Bisphenol A. <i>Chemistry Letters</i> , 1999 , 28, 757-758	1.7	18
107	Determination of cyclodextrins and branched cyclodextrins by reversed-phase chromatography with pulsed amperometric detection and a membrane reactor. <i>Analytical Biochemistry</i> , 1989 , 179, 336-40	3.1	18
106	High-performance liquid chromatographic determination of ampicillin and its metabolites in rat plasma, bile and urine by post-column degradation with sodium hypochlorite. <i>Journal of Chromatography A</i> , 1987 , 400, 101-11	4.5	18
105	Preparation of monodisperse curcumin-imprinted polymer by precipitation polymerization and its application for the extraction of curcuminoids from <i>Curcuma longa</i> L. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6555-61	4.4	17
104	Separation of basic drug enantiomers by capillary electrophoresis using methylated glucuronyl glucosyl β -cyclodextrin as a chiral selector. <i>Journal of Separation Science</i> , 2002 , 25, 1175-1182	3.4	17
103	Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. VII. Comparison of chiral recognition ability of ovoglycoprotein from chicken and Japanese quail egg whites. <i>Journal of Chromatography A</i> , 1999 , 858, 155-65	4.5	17
102	Anion-exchange high-performance liquid chromatographic assay of plasma lipoproteins. <i>Analytical Biochemistry</i> , 1995 , 232, 163-71	3.1	17
101	Assay methods of modified lipoproteins in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 781, 313-30	3.2	16
100	Determination of the molecular mass of new L-fucose-containing glycosaminoglycan and its distribution by high-performance gel-permeation chromatography with laser light-scattering detection. <i>Analytical Sciences</i> , 2001 , 17, 555-8	1.7	16
99	Copper(II)-Phthalocyanine Sulfonyl-Aminopropyl Silica Gel for Separation of .PI.-Electron Rich Compounds by High-Performance Liquid Chromatography.. <i>Analytical Sciences</i> , 1991 , 7, 805-806	1.7	16
98	Liquid chromatographic determination of barbiturates using a hollow-fibre membrane for postcolumn pH modification. <i>Journal of Chromatography A</i> , 1987 , 390, 421-8	4.5	16
97	High-performance liquid chromatographic assay of carbenicillin, ticarcillin and sulbenicillin in serum and urine using pre-column reaction with 1,2,4-triazole and mercury(II) chloride. <i>Analyst, The</i> , 1985 , 110, 1185-8	5	16
96	Molecularly imprinted polymer for glutathione by modified precipitation polymerization and its application to determination of glutathione in supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 230-235	3.5	15
95	Retention and enantioselective properties of ovomucoid-bonded silica columns: Influence of physical properties of base materials and spacer length. <i>Journal of Chromatography A</i> , 1994 , 660, 275-284	4.5	15
94	Retention and molecular-recognition mechanisms of molecularly imprinted polymers for promazine derivatives. <i>Talanta</i> , 2019 , 205, 120149	6.2	14

93	Highly stereoselective, uniformly sized molecularly imprinted polymers for cinchona alkaloids in hydro-organic mobile phases. <i>Analytical Sciences</i> , 2003 , 19, 39-42	1.7	14
92	Fluvastatin reduces modification of low-density lipoprotein in hyperlipidemic rabbit loaded with oxidative stress. <i>European Journal of Pharmacology</i> , 2002 , 436, 97-105	5.3	14
91	Enantiomeric purity determination of acetyl-L-carnitine by NMR with chiral lanthanide shift reagents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 38, 918-23	3.5	14
90	Direct injection assay of drug enantiomers in serum on ovomucoid-bonded silica materials by liquid chromatography. <i>Biomedical Applications</i> , 1993 , 620, 199-204		14
89	Preparation of molecularly imprinted polymers for strychnine by precipitation polymerization and multistep swelling and polymerization and their application for the selective extraction of strychnine from nux-vomica extract powder. <i>Journal of Separation Science</i> , 2016 , 39, 1542-50	3.4	14
88	Interaction of cepharanthine with immobilized heat shock protein 90 (Hsp90) and screening of Hsp90 inhibitors. <i>Analytical Biochemistry</i> , 2013 , 434, 202-6	3.1	13
87	Identification of disulfide bonds and site-specific glycosylation in chicken alpha1-acid glycoprotein by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Analytical Biochemistry</i> , 2004 , 331, 358-63	3.1	13
86	Improved detectability with a polymer-based trapping device in rapid HPLC analysis for ultra-low levels of bisphenol A (BPA) in environmental samples. <i>Analytical Sciences</i> , 2004 , 20, 133-7	1.7	13
85	Retentive and enantioselective properties of ovomucoid-bonded silica columns. Influence of protein purity and isolation method. <i>Journal of Chromatography A</i> , 1995 , 704, 279-287	4.5	13
84	Determination of cyclodextrins in serum by reversed-phase chromatography with pulsed amperometric detection and a membrane reactor. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1993 , 11, 1023-6	3.5	13
83	Liquid chromatographic assay of clavulanic acid using a hollow-fiber postcolumn reactor.. <i>Chemical and Pharmaceutical Bulletin</i> , 1986 , 34, 1850-1852	1.9	13
82	Monodispersed molecularly imprinted polymer for creatinine by modified precipitation polymerization. <i>Analytical Sciences</i> , 2012 , 28, 315-7	1.7	12
81	Liquid chromatographic determination of ampicillin and its metabolites in human urine by postcolumn alkaline degradation. <i>Journal of Pharmacy and Pharmacology</i> , 1987 , 39, 5-8	4.8	12
80	Separation of basic drug enantiomers by capillary electrophoresis using ovoglycoprotein as a chiral selector: comparison of chiral resolution ability of ovoglycoprotein and completely deglycosylated ovoglycoprotein. <i>Electrophoresis</i> , 2001 , 22, 3251-6	3.6	12
79	Evidence of modified LDL in the plasma of hypercholesterolemic WHHL rabbits injected with aqueous extracts of cigarette smoke. <i>Environmental Toxicology and Pharmacology</i> , 2000 , 8, 255-260	5.8	12
78	Retention and enantioselective properties of racemic compounds on modified ovomucoid columns. <i>Journal of Chromatography A</i> , 1993 , 631, 183-190	4.5	12
77	Fluorimetric determination of amino acids by high-performance liquid chromatography using a hollow-fibre membrane reactor. <i>Journal of Chromatography A</i> , 1987 , 396, 297-305	4.5	12
76	Ion-exclusion chromatography of carboxylic acids with conductivity detection Peak enhancement using a cation-exchange hollow-fibre membrane and an alkaline solution. <i>Journal of Chromatography A</i> , 1988 , 447, 373-382	4.5	12

75	A possible purification method of DNA fragments from humic matters in soil extracts using novel stimulus responsive polymer adsorbent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 30, 1919-22	3.5	11
74	Aminopropyl-Silica Gel Modified with Nickel(II)-Phthalocyanine for Separation of π -Electron Rich Compounds by High Performance Liquid Chromatography.. <i>Chemical and Pharmaceutical Bulletin</i> , 1999 , 47, 346-350	1.9	11
73	Direct serum injection in micellar liquid chromatography. <i>Biomedical Applications</i> , 1989 , 488, 341-348		11
72	Liquid chromatographic determination of penicillins by postcolumn alkaline degradation using a hollow-fiber membrane reactor. <i>Analytical Biochemistry</i> , 1988 , 168, 132-40	3.1	11
71	Maintenance of luminal pH and protease activity in lysosomes/late endosomes by vacuolar ATPase in chlorpromazine-treated RAW264 cells accumulating phospholipids. <i>Cell Biology and Toxicology</i> , 2014 , 30, 67-77	7.4	10
70	Preparation of molecularly imprinted polymers for warfarin and coumachlor by multi-step swelling and polymerization method and their imprinting effects. <i>Journal of Chromatography A</i> , 2017 , 1516, 71-78	4.5	10
69	Separation Characteristics of Aminopropyl Silica Gels Modified with Copper-Phthalocyanine as High Performance Liquid Chromatography Stationary Phase.. <i>Analytical Sciences</i> , 1998 , 14, 1127-1131	1.7	10
68	Preparation and characterization of mixed functional phase silica materials using phenyl-, butyl- or octylchlorosilane as a silylating agent. <i>Journal of Chromatography A</i> , 1992 , 596, 151-156	4.5	10
67	Simultaneous determination of ampicillin and sulbactam by liquid chromatography: post-column reaction with sodium hydroxide and sodium hypochlorite using an active hollow-fibre membrane reactor. <i>Biomedical Applications</i> , 1990 , 532, 87-94		10
66	Novel sensitive determination method for a genotoxic alkylating agent, 4-chloro-1-butanol, in active pharmaceutical ingredients by LC-ICP-MS employing iodo derivatization. <i>Analytical Sciences</i> , 2014 , 30, 377-82	1.7	9
65	HPLC Chiral Stationary Phases Based on a Glycoprotein.. <i>Trends in Glycoscience and Glycotechnology</i> , 1997 , 9, 399-407	0.1	9
64	Anion-exchange high-performance liquid chromatographic assay of plasma lipoproteins of rabbits, rats and mice. <i>Biomedical Applications</i> , 1998 , 716, 57-64		9
63	Effects of trimethylsilylation of copper(II)-phthalocyanine sulfonyl-aminopropyl silica gels on the separation of π -electron-rich compounds by high-performance liquid chromatography. <i>Analytical Sciences</i> , 2001 , 17, 301-5	1.7	9
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