

Rigid porous polyacrylamide-based monolithic column  
separation medium for the rapid hydrophobic interaction

Journal of Chromatography A

775, 65-72

DOI: 10.1016/S0021-9673(97)00254-9

Citation Report

#	ARTICLE	IF	CITATIONS
1	Molded Rigid Monolithic Porous Polymers: An Inexpensive, Efficient, and Versatile Alternative to Beads for the Design of Materials for Numerous Applications. <i>Industrial &amp; Engineering Chemistry Research</i> , 1999, 38, 34-48.	3.7	237
2	Design of reactive porous polymer supports for high throughput bioreactors: Poly(2-vinyl-4,4-dimethylazlactone-co-acrylamide-co-ethylene dimethacrylate) monoliths. , 1999, 62, 30-35.		163
3	In situ crosslinked polybutadiene-encapsulated zirconia as a monolithic column for fast solvating gas chromatography. <i>Journal of Separation Science</i> , 1999, 11, 415-420.	1.0	12
4	Template-Directed Preparation of Macroporous Polymers with Oriented and Crystalline Arrays of Voids. <i>Journal of the American Chemical Society</i> , 1999, 121, 11630-11637.	13.7	371
5	Fast Analytical-Scale Separations by Capillary Electrophoresis and Liquid Chromatography. <i>Chemical Reviews</i> , 1999, 99, 3081-3132.	47.7	68
6	Continuous-bed columns containing sol-gel bonded octadecylsilica for capillary liquid chromatography. <i>Journal of Separation Science</i> , 2000, 12, 6-12.	1.0	23
7	A New Monolithic-Type HPLC Column For Fast Separations. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 93-99.	1.4	306
8	Suspension polymerisation to form polymer beads. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 161, 259-269.	4.7	153
9	Affinity membrane chromatography for the analysis and purification of proteins. <i>Journal of Proteomics</i> , 2001, 49, 199-240.	2.4	215
10	PREPARATION AND CHROMATOGRAPHIC BEHAVIOR OF A BIFUNCTIONAL CONTINUOUS ROD FOR WEAK CATION EXCHANGE AND IMMOBILIZED METAL AFFINITY CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 2983-2998.	1.0	8
11	Entropically driven self-assembly of colloidal crystals on templates in space. , 2001, , .		0
12	Chromatographic separation of proteins on metal immobilized iminodiacetic acid-bound molded monolithic rods of macroporous poly(glycidyl methacrylate-co-ethylene dimethacrylate). <i>Journal of Chromatography A</i> , 2001, 926, 255-264.	3.7	122
13	New synthetic ways for the preparation of high-performance liquid chromatography supports. <i>Journal of Chromatography A</i> , 2001, 918, 233-266.	3.7	150
14	Acrylamide-based monoliths as robust stationary phases for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2001, 914, 211-222.	3.7	125
15	Monoliths as stationary phases for separation of proteins and polynucleotides and enzymatic conversion. <i>Biomedical Applications</i> , 2001, 752, 191-205.	1.7	193
16	Porous Polymer Monoliths: An Alternative to Classical Beads. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2002, 76, 87-125.	1.1	27
17	Functionalized glycidyl methacrylate based polymers as stationary phases for protein retention. <i>Separation and Purification Technology</i> , 2002, 27, 1-10.	7.9	13
18	High-performance affinity chromatography for characterization of human immunoglobulin G digestion with papain. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 776, 139-147.	2.3	41

#	ARTICLE	IF	CITATIONS
19	Determination of the porosities of monolithic columns by inverse size-exclusion chromatography. <i>Journal of Chromatography A</i> , 2002, 975, 275-284.	3.7	168
20	Repeatability and reproducibility of retention data and band profiles on six batches of monolithic columns. <i>Journal of Chromatography A</i> , 2002, 960, 19-49.	3.7	181
21	Monolithic stationary phases for liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2002, 954, 5-32.	3.7	353
22	Adsorption equilibria of butyl- and amylbenzene on monolithic silica-based columns. <i>Journal of Chromatography A</i> , 2002, 957, 111-126.	3.7	51
23	Monolithic silica columns with chemically bonded $\beta$ -cyclodextrin as a stationary phase for enantiomer separations of chiral pharmaceuticals. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 892-901.	3.7	70
24	Methacrylate monolithic columns for capillary liquid chromatography polymerized using ammonium peroxydisulfate as initiator. <i>Journal of Separation Science</i> , 2003, 26, 1623-1628.	2.5	45
25	Silica gel-based monoliths prepared by the sol-gel method: facts and figures. <i>Journal of Chromatography A</i> , 2003, 1000, 801-818.	3.7	312
26	Synthesis of porous cross-linked polymer monoliths using 1,1,1,2-tetrafluoroethane (R134a) as the porogen. <i>Composites Science and Technology</i> , 2003, 63, 2379-2387.	7.8	22
27	Evaluation of a silica-based monolithic column in the HPLC analysis of taxanes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 191-196.	2.8	11
28	Influence of the amination conditions on the textural properties and chromatographic behaviour of amino-functionalized glycidyl methacrylate-based particulate supports. <i>Acta Materialia</i> , 2003, 51, 6189-6198.	7.9	17
29	Structural Control in Porous Cross-Linked Poly(methacrylate) Monoliths Using Supercritical Carbon Dioxide as a Pressure-Adjustable Porogenic Solvent. <i>Chemistry of Materials</i> , 2003, 15, 2061-2069.	6.7	48
30	Applications of Monolithic Silica Capillary Columns in Proteomics. <i>Journal of Proteome Research</i> , 2003, 2, 633-642.	3.7	44
31	Separation of Peptides and Proteins. <i>Journal of Chromatography Library</i> , 2003, 67, 389-415.	0.1	0
32	Particulate poly(glycidyl methacrylate-co-ethylene dimethacrylate) material for protein separation by anion-exchange chromatography. <i>Separation and Purification Technology</i> , 2004, 40, 243-250.	7.9	14
33	Functionalized polymer networks: synthesis of microporous polymers by frontal polymerization. <i>Bulletin of Materials Science</i> , 2004, 27, 529-535.	1.7	17
34	Evaluation of a monolithic epoxy silica support for penicillin G acylase immobilization. <i>Journal of Chromatography A</i> , 2004, 1031, 93-100.	3.7	81
35	Monolithic silica columns with chemically bonded tert-butylcarbamoylquinine chiral anion-exchanger selector as a stationary phase for enantiomer separations. <i>Journal of Chromatography A</i> , 2004, 1036, 135-143.	3.7	60
36	Preparation and HPLC applications of rigid macroporous organic polymer monoliths. <i>Journal of Separation Science</i> , 2004, 27, 747-766.	2.5	225

#	ARTICLE	IF	CITATIONS
37	Comparison of monolithic silica and polymethacrylate capillary columns for LC. <i>Journal of Separation Science</i> , 2004, 27, 789-800.	2.5	55
38	Monoliths for microfluidic devices in proteomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 808, 3-14.	2.3	66
39	Preparation of hydrophobic interaction chromatographic packings based on monodisperse poly(glycidylmethacrylate-co-ethylenedimethacrylate) beads and their application. <i>Journal of Chromatography A</i> , 2004, 1022, 33-39.	3.7	49
40	Preparation and Evaluation of a Series of Reversed-Phase Monolithic Columns for Capillary Electrochromatography. <i>Analytical Letters</i> , 2004, 37, 2363-2377.	1.8	2
41	Comprehensive pore structure characterization of silica monoliths with controlled mesopore size and macropore size by nitrogen sorption, mercury porosimetry, transmission electron microscopy and inverse size exclusion chromatography. <i>Journal of Chromatography A</i> , 2005, 1083, 14-22.	3.7	69
42	Preparation and Porous Property of C14-Monolithic Column for Capillary Electrochromatography. <i>Chromatographia</i> , 2005, 61, 55-60.	1.3	5
43	Amino-Functionalized Monolithic Poly(glycidyl methacrylate-co-divinylbenzene) Ion-Exchange Stationary Phases for the Separation of Oligonucleotides. <i>Chromatographia</i> , 2005, 62, s31-s36.	1.3	42
44	Preparation and characterization of C16 monolithic columns for capillary electrochromatography. <i>Journal of Separation Science</i> , 2005, 28, 217-224.	2.5	13
45	Synthesis of Macroporous PMMA/Silica Nanocomposite Monoliths in Supercritical Carbon Dioxide. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1406-1411.	3.9	19
46	Ordered Honeycomb-Structured Films from Dendronized PMA-b-PEO Rod-Coil Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1266-1272.	3.9	76
47	Synthesis and Pore Structure of Monolithic Polymeric Sorbents. <i>Russian Journal of Applied Chemistry</i> , 2005, 78, 617-622.	0.5	8
48	Application of Monolithic Columns in High Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 1055-1074.	1.0	34
49	A new template for the synthesis of porous inorganic oxide monoliths. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 4003-4007.	3.1	16
51	Synthesis of macroporous polymer rods based on an acrylamide derivative monomer. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6616-6623.	2.3	11
52	Fabrication of a pore-connected, macroporous, crosslinked polystyrene monolith with anhydride groups bonded onto a pore surface. <i>Journal of Polymer Science Part A</i> , 2006, 44, 653-658.	2.3	12
53	Fast determination of anions on a short coated column. <i>Journal of Chromatography A</i> , 2006, 1118, 46-50.	3.7	22
54	Preparation of porous materials with ordered hole structure. <i>Advances in Colloid and Interface Science</i> , 2006, 121, 9-23.	14.7	149
55	Modification of porous alumina membranes with n-alkanoic acids and their application in protein adsorption. <i>Journal of Membrane Science</i> , 2006, 275, 70-81.	8.2	46

#	ARTICLE	IF	CITATIONS
56	Monolithic organic polymeric columns for capillary liquid chromatography and electrochromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 841, 79-87.	2.3	70
57	Macroporous polymeric monoliths as stationary phases in gas adsorption chromatography. <i>Polymer Science - Series A</i> , 2006, 48, 779-786.	1.0	18
58	Monolithic media in microfluidic devices for proteomics. <i>Electrophoresis</i> , 2006, 27, 3547-3558.	2.4	53
59	Macroporous polyacrylamide-based monolithic column with immobilized pH gradient for protein analysis. <i>Electrophoresis</i> , 2006, 27, 3578-3583.	2.4	45
60	Preparation of a monolithic column for weak cation exchange chromatography and its application in the separation of biopolymers. <i>Journal of Separation Science</i> , 2006, 29, 5-13.	2.5	29
61	Polymer-based monolithic microcolumns for hydrophobic interaction chromatography of proteins. <i>Journal of Separation Science</i> , 2006, 29, 25-32.	2.5	58
62	Monolithic poly(glycidyl methacrylate-co-divinylbenzene) capillary columns functionalized to strong anion exchangers for nucleotide and oligonucleotide separation. <i>Journal of Separation Science</i> , 2006, 29, 2478-2484.	2.5	56
63	The use of derivatized cyclodextrins as solubilizing agents in the preparation of macroporous polymers employed as amphiphilic continuous beds in capillary electrochromatography. <i>Journal of Separation Science</i> , 2006, 29, 2816-2826.	2.5	12
64	Preparation and application of monolithic beds in the separation of selected natural biologically important compounds. <i>Journal of Separation Science</i> , 2007, 30, 55-66.	2.5	25
65	Preparation and evaluation of rigid porous polyacrylamide-based strong cation exchange monolithic columns for capillary electrochromatography. <i>Journal of Separation Science</i> , 2007, 30, 2986-2992.	2.5	37
66	Pore structural characterization of monolithic silica columns by inverse size-exclusion chromatography. <i>Journal of Chromatography A</i> , 2007, 1144, 14-29.	3.7	39
67	Rapid determination of Papaver somniferum alkaloids in process streams using monolithic column high-performance liquid chromatography with chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2007, 597, 19-23.	5.4	44
68	Polymeric monolithic materials: Syntheses, properties, functionalization and applications. <i>Polymer</i> , 2007, 48, 2187-2198.	3.8	235
69	Porous polyacrylamide monoliths in hydrophilic interaction capillary electrochromatography of oligosaccharides. <i>Journal of Proteomics</i> , 2007, 70, 3-13.	2.4	24
70	Monolithic macroporous albumin/chitosan cryogel structure: a new matrix for enzyme immobilization. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 907-912.	3.7	65
71	Preparation and characterization of three-dimensionally ordered macroporous polystyrene via atom-transfer radical polymerization. <i>Science Bulletin</i> , 2008, 53, 3824-3828.	9.0	0
72	Functionalization of three-dimensionally ordered macroporous cross-linked polystyrene by atom-transfer radical polymerization of hydroxyethyl methacrylate and subsequent derivatization. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7950-7959.	2.3	8
73	Lauroyl peroxide as thermal initiator of lauryl methacrylate monolithic columns for CEC. <i>Electrophoresis</i> , 2008, 29, 4399-4406.	2.4	14

#	ARTICLE	IF	CITATIONS
74	Gaseous infiltration method for preparation of three-dimensionally ordered macroporous polyethylene. <i>Polymer</i> , 2008, 49, 5446-5451.	3.8	13
75	Recent development of monolithic stationary phases with emphasis on microscale chromatographic separation. <i>Journal of Chromatography A</i> , 2008, 1184, 369-392.	3.7	251
76	Preparation of polymeric macroporous rod systems: Study of the influence of the reaction parameters on the porous properties. <i>Materials Chemistry and Physics</i> , 2008, 112, 1055-1060.	4.0	8
77	Mechanical properties of composite polymer microstructures fabricated by interference lithography. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 4093.	2.8	19
78	Membrane Chromatography. , 2008, , 25-63.		2
79	Rigid Crosslinked Polyacrylamide Monoliths with Well-Defined Macropores Synthesized by Living Polymerization. <i>Macromolecular Rapid Communications</i> , 2009, 30, 986-990.	3.9	59
80	1 mm ID poly(styrene- <i>co</i> -divinylbenzene) monolithic columns for high peak capacity one- and two-dimensional liquid chromatographic separations of intact proteins. <i>Journal of Separation Science</i> , 2009, 32, 2504-2509.	2.5	39
81	Silica-based monolithic column with evaporative light scattering detector for HPLC analysis of bacosides and apigenin in <i>Bacopa monnieri</i> . <i>Journal of Separation Science</i> , 2009, 32, 2812-2818.	2.5	14
82	Highly cross-linked polymeric capillary monoliths for the separation of low, medium, and high molecular weight analytes. <i>Journal of Separation Science</i> , 2009, 32, 2521-2529.	2.5	48
83	Biocompatible polymeric monoliths for protein and peptide separations. <i>Journal of Separation Science</i> , 2009, 32, 3369-3378.	2.5	54
84	Separation of Immunoglobulin G and Immunoglobulin Y on Poly(vinyl ester resin-co-ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342	1.7	8
85	Preparation and characterization of pore wall-functionalized three-dimensionally ordered macroporous syndiotactic polystyrene. <i>Polymer Engineering and Science</i> , 2009, 49, 223-228.	3.1	4
86	Preparation of poly(N-isopropylacrylamide)-grafted polymer monolith for hydrophobic interaction chromatography of proteins. <i>Journal of Chromatography A</i> , 2009, 1216, 2404-2411.	3.7	43
87	Graft polymerization from pore wall of three-dimensionally ordered macroporous cross-linked polystyrene via atom transfer radical polymerization. <i>European Polymer Journal</i> , 2009, 45, 1359-1366.	5.4	16
88	Poly[hydroxyethyl acrylate- <i>co</i> -poly(ethylene glycol) diacrylate] Monolithic Column for Efficient Hydrophobic Interaction Chromatography of Proteins. <i>Analytical Chemistry</i> , 2009, 81, 9416-9424.	6.5	47
89	Polymeric Monolith "New Fabrication Methods and Applications". <i>Kobunshi Ronbunshu</i> , 2010, 67, 489-496.	0.2	14
90	Monolithic Stationary Phases in HPLC. <i>Chromatographic Science</i> , 2010, , 3-45.	0.1	1
91	Synthesis of 2-(diethylamino)ethyl methacrylate-based polymers. <i>Reactive and Functional Polymers</i> , 2010, 70, 890-899.	4.1	15

#	ARTICLE	IF	CITATIONS
92	New method for preparation of hydrophobic interaction chromatographic stationary phases based on polymer-grafted silica and their chromatographic properties. <i>Journal of Applied Polymer Science</i> , 2010, 118, 1513-1519.	2.6	0
93	Preparation of macroporous monoliths based on epoxy-bearing hydrophilic terpolymers and applied for affinity separations. <i>European Polymer Journal</i> , 2010, 46, 663-672.	5.4	21
94	Monoliths from poly(ethylene glycol) diacrylate and dimethacrylate for capillary hydrophobic interaction chromatography of proteins. <i>Journal of Chromatography A</i> , 2010, 1217, 4934-4945.	3.7	64
95	Control of Selectivity via Nanochemistry: Monolithic Capillary Column Containing Hydroxyapatite Nanoparticles for Separation of Proteins and Enrichment of Phosphopeptides. <i>Analytical Chemistry</i> , 2010, 82, 8335-8341.	6.5	138
96	Repeatability in column preparation of a reversed-phase C18 monolith and its application to separation of tocopherol homologues. <i>Talanta</i> , 2011, 84, 1374-1378.	5.5	12
98	Hydrophilic methacrylate monoliths as platforms for protein microarray. <i>Polymer</i> , 2011, 52, 2132-2140.	3.8	19
99	Liquid chromatographic behavior of lanthanides and actinides on monolith supports. <i>Radiochimica Acta</i> , 2011, 99, 275-283.	1.2	22
100	Modified Macroporous Polystyrene Matrices as Highly Efficient Adsorption Material for Cyanobacteria Control. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 1451-1459.	1.9	7
101	New monolithic chromatographic supports for macromolecules immobilization: Challenges and opportunities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 64-76.	2.8	23
102	Preparation of porous polymer monoliths featuring enhanced surface coverage with gold nanoparticles. <i>Journal of Chromatography A</i> , 2012, 1261, 121-128.	3.7	115
103	Hybrid monolithic columns with nanoparticles incorporated for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2012, 1239, 64-71.	3.7	40
104	Advances in the development of organic polymer monolithic columns and their applications in food analysis—A review. <i>Journal of Chromatography A</i> , 2013, 1313, 37-53.	3.7	105
105	Fundamentals for LC Miniaturization. <i>Analytical Chemistry</i> , 2013, 85, 543-556.	6.5	132
106	Adamantyl-group containing mixed-mode acrylamide-based continuous beds for capillary electrochromatography. Part I: Study of a synthesis procedure including solubilization of N-adamantyl-acrylamide via complex formation with a water-soluble cyclodextrin. <i>Journal of Chromatography A</i> , 2013, 1286, 183-191.	3.7	9
107	The integration of flow reactors into synthetic organic chemistry. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 519-552.	3.2	231
108	Extension of Living Radical Polymerization Accompanied by Phase Separation to Methacrylate- and Acrylamide-based Polymer Monoliths. <i>Springer Theses</i> , 2013, , 33-45.	0.1	0
109	Properties of a three-dimensionally ordered macro-mesoporous carbon-doped TiO <sub>2</sub> composite catalyst. <i>Functional Materials Letters</i> , 2014, 07, 1350068.	1.2	9
110	Poly(glycidyl methacrylate-co-N-methylolacrylamide-co-ethylene dimethacrylate) monolith coupled to high-performance liquid chromatography for the determination of adenosine phosphates in royal jelly. <i>Journal of Separation Science</i> , 2014, 37, 1826-1833.	2.5	8

#	ARTICLE	IF	CITATIONS
111	Nanoparticle-based monoliths for chromatographic separations. <i>Analyst, The</i> , 2014, 139, 4103.	3.5	41
112	Facile preparation of octadecyl monoliths with incorporated carbon nanotubes and neutral monoliths with coated carbon nanotubes stationary phases for HPLC of small and large molecules by hydrophobic and $\pi$ - $\pi$ interactions. <i>Talanta</i> , 2014, 129, 565-574.	5.5	39
113	Fabricating electrospun cellulose nanofibre adsorbents for ion-exchange chromatography. <i>Journal of Chromatography A</i> , 2015, 1376, 74-83.	3.7	60
114	Hybrid methacrylate monolithic columns containing magnetic nanoparticles for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2015, 1385, 77-84.	3.7	42
115	Radiation synthesis and characterization of Poly(butyl methacrylate/acrylamide) copolymeric hydrogels and heparin controlled drug release. <i>Polymer Bulletin</i> , 2015, 72, 2739-2756.	3.3	21
116	Silica-Based Monolithic Coupled Column for the Simultaneous Determination of Echitamine, Nb-Demethylalstogustine, and Loganetin in <i>Alstonia scholaris</i> by RP-HPLC and Optimization of Extraction Method. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 543-549.	1.0	2
117	One-pot preparation of a novel monolith for high performance liquid chromatography applications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1007, 100-109.	2.3	8
118	Improving Proteome Coverage by Reducing Sample Complexity via Chromatography. <i>Advances in Experimental Medicine and Biology</i> , 2016, 919, 83-143.	1.6	5
119	Fabrication and characterization of aligned macroporous monolith for high-performance protein chromatography. <i>Journal of Chromatography A</i> , 2016, 1443, 111-117.	3.7	18
120	Advances in organic polymer-based monolithic column technology for high-resolution liquid chromatography-mass spectrometry profiling of antibodies, intact proteins, oligonucleotides, and peptides. <i>Journal of Chromatography A</i> , 2017, 1498, 8-21.	3.7	71
121	Glycopolymer monoliths for affinity bioseparation of proteins in a continuous-flow system: glycomonoliths. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1148-1154.	5.8	10
123	Ionic liquid-regenerated macroporous cellulose monolith: Fabrication, characterization and its protein chromatography. <i>Journal of Chromatography A</i> , 2017, 1494, 40-45.	3.7	16
124	Macroporous Gel with a Permeable Reaction Platform for Catalytic Flow Synthesis. <i>ACS Omega</i> , 2017, 2, 8796-8802.	3.5	17
125	Optimization and Investigation of Zwitterionic Monolithic Stationary Phases for Capillary Ion Chromatography. <i>Analytical Sciences</i> , 2017, 33, 631-634.	1.6	2
126	Comparison of poly(styrene-divinylbenzene)-based monolithic and bead-based methodologies used in NANOFLOW LCMS for proteomic studies. <i>Analytical Methods</i> , 2018, 10, 4756-4764.	2.7	5
127	Biopolymer monolith for protein purification. <i>Faraday Discussions</i> , 2019, 219, 154-167.	3.2	2
128	In-situ photopolymerized C4-functionalized organosilicon monoliths for reversed-phase protein separation in nano-liquid chromatography. <i>Talanta</i> , 2019, 198, 330-336.	5.5	10
129	Suspension polymerization technique: parameters affecting polymer properties and application in oxidation reactions. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	47

#	ARTICLE	IF	CITATIONS
130	A porous layer open-tubular capillary column with immobilized pH gradient (PLOT-IPG) for isoelectric focusing of amino acids and proteins. <i>Analytica Chimica Acta</i> , 2019, 1048, 204-211.	5.4	17
131	Organic solvent-free fabrication of mesoporous polymer monolith from miscible PLLA/PMMA blend. <i>Polymer</i> , 2020, 203, 122742.	3.8	4
132	Gold nanoparticles-functionalized monolithic column for enantioseparation of eight basic chiral drugs by capillary electrochromatography. <i>Mikrochimica Acta</i> , 2020, 187, 178.	5.0	11
133	Preparation of palladium-loaded polymer hydrogel catalysts with high durability and recyclability. <i>Polymer Journal</i> , 2020, 52, 671-679.	2.7	12
134	Facile preparation of porous polymeric sheets with different sizes of pores on both sides using spontaneous emulsification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126149.	4.7	2
135	Separation of Inorganic Anions Using an 18-Crown-6-ether-modified Organic Polymer Monolithic Stationary Phase in Capillary Ion Chromatography. <i>Analytical Sciences</i> , 2021, 37, 845-850.	1.6	4
137	Transfer Phenomena in Chromatography. , 2006, , 221-279.		1
138	Optimization of binary porogen solvent composition for preparation of butyl methacrylate monoliths in capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2004, 1049, 43-49.	3.7	41
139	Organic Monolith Column Technology for Capillary Liquid Chromatography. <i>Advances in Chromatography</i> , 2012, 50, 237-280.	1.0	3
142	Development of the hydrophilic additive by suspension copolymerisation of methacrylic acid with isodecyl methacrylate for easy-to-clean coatings. <i>Polymer Bulletin</i> , 2023, 80, 3309-3329.	3.3	2
143	Profiling Protein Interactions by Purification with Capillary Monolithic Affinity Column in Combination with Label-Free Quantitative Proteomics. <i>Journal of Chromatography A</i> , 2022, , 463273.	3.7	1
144	Porous polymer film formation by water droplet templating using polystyrene. <i>European Physical Journal E</i> , 2023, 46, .	1.6	2
145	A monolithic stationary phase with dendritic nanostructures for the separation of PEGylated proteins. <i>Electrophoresis</i> , 2023, 44, 1989-1999.	2.4	1