Hideko Kanazawa

List of Publications by Year
in descending order

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Version: 2024-02-01

186 papers	6,262 citations	61984 43 h-index	85541 71 g-index
191 all docs	191 docs citations	191 times ranked	4514 citing authors

#	Article	IF	Citations
1	Viral vector purification with thermoresponsive-anionic mixed polymer brush modified beads-packed column. Separation and Purification Technology, 2022, 286, 120445.	7.9	9
2	Two-dimensional temperature-responsive chromatography using a poly(N-isopropylacrylamide) brush-modified stationary phase for effective therapeutic drug monitoring. Scientific Reports, 2022, 12, 2653.	3.3	6
3	Temperature-responsive mixed-mode column for the modulation of multiple interactions. Scientific Reports, 2022, 12, 4434.	3.3	5
4	Role of Wnt Signaling in Mouse Fetal Skin Wound Healing. Biomedicines, 2022, 10, 1536.	3.2	3
5	Selective capture and non-invasive release of cells using a thermoresponsive polymer brush with affinity peptides. Biomaterials Science, 2021, 9, 663-674.	5.4	23
6	Thermally-modulated cell separation columns using a thermoresponsive block copolymer brush as a packing material for the purification of mesenchymal stem cells. Biomaterials Science, 2021, 9, 7054-7064.	5.4	18
7	Effect of pore diameter on the elution behavior of analytes from thermoresponsive polymer grafted beads packed columns. Scientific Reports, 2021, 11, 9976.	3.3	15
8	Effective Separation for New Therapeutic Modalities Utilizing Temperature-responsive Chromatography. Analytical Sciences, 2021, 37, 651-660.	1.6	8
9	Discrimination of ranitidine hydrochloride crystals using X-ray micro-computed tomography for the evaluation of three-dimensional spatial distribution in solid dosage forms. International Journal of Pharmaceutics, 2021, 605, 120834.	5.2	8
10	Anion species-triggered antibody separation system utilizing a thermo-responsive polymer column under optimized constant temperature. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111890.	5.0	15
11	Temperature-responsive spin column for sample preparation using an all-aqueous eluent. Analytica Chimica Acta, 2021, 1179, 338806.	5.4	7
12	Temperature responsive chromatography for therapeutic drug monitoring with an aqueous mobile phase. Scientific Reports, 2021, 11, 23508.	3.3	8
13	Thermoresponsive anionic copolymer brush-grafted surfaces for cell separation. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110565.	5.0	32
14	Mixed polymer brush as a functional ligand of silica beads for temperature-modulated hydrophobic and electrostatic interactions. Analytica Chimica Acta, 2020, 1095, 1-13.	5.4	26
15	Temperature-responsive chromatography for bioseparations: A review. Analytica Chimica Acta, 2020, 1138, 191-212.	5.4	31
16	Thermoresponsive Cationic Block Copolymer Brushes for Temperatureâ€Modulated Stem Cell Separation. Macromolecular Rapid Communications, 2020, 41, e2000308.	3.9	32
17	Antibody drug separation using thermoresponsive anionic polymer brush modified beads with optimised electrostatic and hydrophobic interactions. Scientific Reports, 2020, 10, 11896.	3.3	29
18	Green analytical method for the simultaneous analysis of cytochrome P450 probe substrates by poly(N-isopropylacrylamide)-based temperature-responsive chromatography. Scientific Reports, 2020, 10, 8828.	3.3	16

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19	Simultaneous analysis of multiple oligonucleotides by temperature-responsive chromatography using a poly(N-isopropylacrylamide)-based stationary phase. Analytical and Bioanalytical Chemistry, 2020, 412, 5341-5351.	3.7	15
20	Design of two complementary copolymers that work as a glue for cell-laden collagen gels. Chemical Communications, 2020, 56, 10545-10548.	4.1	1
21	Temperature-responsive mixed-mode column containing temperature-responsive polymer-modified beads and anionic polymer-modified beads. Analytica Chimica Acta, 2019, 1079, 220-229.	5.4	19
22	Crosslinked Poly(N â€Isopropylacrylamide)â€Based Microfibers as Cell Manipulation Materials with Prompt Cell Detachment. Macromolecular Rapid Communications, 2019, 40, 1900464.	3.9	10
23	Effect of Polymer Phase Transition Behavior on Temperature-Responsive Polymer-Modified Liposomes for siRNA Transfection. International Journal of Molecular Sciences, 2019, 20, 430.	4.1	43
24	Liposomes with temperature-responsive reversible surface properties. Colloids and Surfaces B: Biointerfaces, 2019, 176, 309-316.	5.0	32
25	Characteristic differences of cell sheets composed of mesenchymal stem cells with different tissue origins. Regenerative Therapy, 2019, 11, 34-40.	3.0	31
26	Temperature-modulated cell-separation column using temperature-responsive cationic copolymer hydrogel-modified silica beads. Colloids and Surfaces B: Biointerfaces, 2019, 178, 253-262.	5.0	24
27	LAT1-Targeting Thermoresponsive Liposomes for Effective Cellular Uptake by Cancer Cells. ACS Omega, 2019, 4, 6443-6451.	3.5	31
28	Adsorptionâ€“Desorption Control of Fibronectin in Real Time at the Liquid/Polymer Interface on a Quartz Crystal Microbalance by Thermoresponsivity. Biomacromolecules, 2019, 20, 1748-1755.	5.4	15
29	Phenotypic traits of mesenchymal stem cell sheets fabricated by temperature-responsive cell culture plate: structural characteristics of MSC sheets. Stem Cell Research and Therapy, 2019, 10, 353.	5.5	47
30	CD44-Targeting Nanocarriers for Cancer Treatment. Drug Delivery System, 2019, 34, 38-45.	0.0	1
31	Design of VEGF Releasing Fiber Mat for Effective Transplantation of Cardiomyocyte Sheets. Drug Delivery System, 2019, 34, 173-178.	0.0	0
32	Poly(N-isopropylacrylamide) based thermoresponsive polymer brushes for bioseparation, cellular tissue fabrication, and nano actuators. Nano Structures Nano Objects, 2018, 16, 9-23.	3.5	56
33	Poly(N-isopropylacrylamide)-based thermoresponsive surfaces provide new types of biomedical applications. Biomaterials, 2018, 153, 27-48.	11.4	297
34	Development of Nanocarriers Functionalized with Stimuli-Responsive Polymer for Controlled Cellular Uptake. Kobunshi Ronbunshu, 2018, 75, 116-127.	0.2	2
35	Design of Functional Thermoresponsive Polymer Brushes and Their Application to Bioseparation. Kobunshi Ronbunshu, 2018, 75, 143-154.	0.2	1
36	Mesenchylmal Stem Cell Culture on Poly(N-isopropylacrylamide) Hydrogel with Repeated Thermo-Stimulation. International Journal of Molecular Sciences, 2018, 19, 1253.	4.1	21

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37	LAT1-Targeting Thermoresponsive Fluorescent Polymer Probes for Cancer Cell Imaging. International Journal of Molecular Sciences, 2018, 19, 1646.	4.1	32
38	Protein purification using solid-phase extraction on temperature-responsive hydrogel-modified silica beads. Journal of Chromatography A, 2018, 1568, 38-48.	3.7	40
39	Comparison of plasma propofol concentration for apnea, response to mechanical ventilation, and airway device between endotracheal tube and supraglottic airway device in Beagles. Journal of Veterinary Medical Science, 2018, 80, 1420-1423.	0.9	1
40	Tunable Surface Properties of Temperature-Responsive Polymer-Modified Liposomes Induce Faster Cellular Uptake. ACS Omega, 2017, 2, 316-325.	3.5	40
41	Reversible conformational changes in the parallel type G-quadruplex structure inside a thermoresponsive hydrogel. Chemical Communications, 2017, 53, 3142-3144.	4.1	22
42	Fractional laser-assisted percutaneous drug delivery via temperature-responsive liposomes. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 679-689.	3.5	8
43	Design and synthesis of temperature-responsive polymer/silica hybrid nanoparticles and application to thermally controlled cellular uptake. Colloids and Surfaces B: Biointerfaces, 2017, 153, 2-9.	5.0	16
44	Intracellular localization and delivery of plasmid DNA by biodegradable microsphereâ€mediated femtosecond laser optoporation. Journal of Biophotonics, 2017, 10, 1723-1731.	2.3	10
45	Dual temperature- and pH-responsive polymeric micelle for selective and efficient two-step doxorubicin delivery. RSC Advances, 2017, 7, 29540-29549.	3.6	26
46	Local Release of VEGF Using Fiber Mats Enables Effective Transplantation of Layered Cardiomyocyte Sheets. Macromolecular Bioscience, 2017, 17, 1700073.	4.1	45
47	Enhanced cellular uptake and gene silencing activity of siRNA using temperature-responsive polymer-modified liposome. International Journal of Pharmaceutics, 2017, 523, 217-228.	5.2	37
48	Transcutaneous drug delivery by liposomes using fractional laser technology. Lasers in Surgery and Medicine, 2017, 49, 525-532.	2.1	8
49	The use of a temperature-responsive column for the direct analysis of drugs in serum by two-dimensional heart-cutting liquid chromatography. Analytical and Bioanalytical Chemistry, 2017, 409, 1059-1065.	3.7	13
50	Analysis of Psychoactive Drugs by Temperature-Responsive Chromatography. Chromatography, 2017, 38, 115-121.	1.7	12
51	Design of Tetra-arm PEG-crosslinked Thermoresponsive Hydrogel for 3D Cell Culture. Analytical Sciences, 2016, 32, 1203-1205.	1.6	15
52	Evaluation of the Total Antioxidant Effect of Complex-type Supplements. Bunseki Kagaku, 2016, 65, 519-526.	0.2	0
53	Protein separations via thermally responsive ionic block copolymer brush layers. RSC Advances, 2016, 6, 26254-26263.	3.6	38
54	Approaching over 10Â000â€fold sensitivity increase in chiral capillary electrophoresis: Cationâ€selective exhaustive injection and sweeping cyclodextrinâ€modified micellar electrokinetic chromatography. Electrophoresis, 2016, 37, 2970-2976.	2.4	19

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55	Rapid and Simultaneous Analysis of Psychotropic Drugs by Ultra-High-Speed HPLC. Bunseki Kagaku, 2016, 65, 173-179.	0.2	1
56	Thermoresponsive anionic block copolymer brushes with a strongly anionic bottom segment for effective interactions with biomolecules. RSC Advances, 2016, 6, 93169-93179.	3.6	20
57	Temperature-responsive molecular recognition chromatography using phenylalanine and tryptophan derived polymer modified silica beads. Analyst, The, 2016, 141, 910-917.	3.5	31
58	Analysis of Fusarium Toxins in Processed Grain Products Using High-Performance Liquid Chromatography/Tandem Mass Spectrometry. Chromatography, 2016, 37, 79-85.	1.7	3
59	Temperature-responsive Solid-phase Extraction Column for Biological Sample Pretreatment. Analytical Sciences, 2015, 31, 881-886.	1.6	20
60	Correlation of Physicochemical Property and the Dissolution Behavior of Ingredients of an Antihypertensive Combination Tablet. Bunseki Kagaku, 2015, 64, 835-844.	0.2	0
61	Simultaneous Analysis of Oral Antidiabetic Drug by LC-MS/MS. Chromatography, 2015, 36, 19-24.	1.7	3
62	The Mechanism of Melanocytes-Specific Cytotoxicity Induced by Phenol Compounds Having a Prooxidant Effect, relating to the Appearance of Leukoderma. BioMed Research International, 2015, 2015, 1-12.	1.9	21
63	Design of Environmentally Responsive Fluorescent Polymer Probes for Cellular Imaging. Biomacromolecules, 2015, 16, 2356-2362.	5.4	47
64	The effects of anionic electrolytes and human serum albumin on the LCST of poly(N) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (-isop Biointerfaces, 2015, 132, 299-304.	5.0	49
65	Measurement of the dynamic behavior of thin poly(N-isopropylacrylamide) hydrogels and their phase transition temperatures measured using reflectometric interference spectroscopy. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	9
66	Effects of terminal group and chain length on temperature-responsive chromatography utilizing poly(N-isopropylacrylamide) synthesized via RAFT polymerization. RSC Advances, 2015, 5, 73217-73224.	3.6	19
67	Thermoresponsive hydrophobic copolymer brushes modified porous monolithic silica for high-resolution bioseparation. RSC Advances, 2015, 5, 66155-66167.	3.6	42
68	pH/temperature-responsive fluorescence polymer probe with pH-controlled cellular uptake. Sensors and Actuators B: Chemical, 2015, 207, 724-731.	7.8	34
69	Temperature-Responsive Chromatography Using a Functional Polymer Modified Stationary Phase with Molecular Recognition Sites. Kobunshi Ronbunshu, 2014, 71, 293-301.	0.2	5
70	Liquid Chromatography-Mass Spectrometric Analysis of Dehydroepiandrosterone and Related Steroids Utilizing a Temperature-Responsive Stationary Phase. Chromatography, 2014, 35, 131-138.	1.7	4
71	Nano-scale physical surface coating of temperature-responsive polymers for cell sheet fabrication. , 2014, , .		0
72	High temperature heat source generation with quasi-continuous wave semiconductor lasers at power levels of 6ÂW for medical use. Journal of Biomedical Optics, 2014, 19, 101502.	2.6	2

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73	Thermoresponsive Anionic Copolymer Brushes Containing Strong Acid Moieties for Effective Separation of Basic Biomolecules and Proteins. Biomacromolecules, 2014, 15, 3846-3858.	5.4	40
74	Monolithic Silica Rods Grafted with Thermoresponsive Anionic Polymer Brushes for High-Speed Separation of Basic Biomolecules and Peptides. Biomacromolecules, 2014, 15, 1204-1215.	5.4	46
75	Thermoresponsive Copolymer Brushes Possessing Quaternary Amine Groups for Strong Anion-Exchange Chromatographic Matrices. Biomacromolecules, 2014, 15, 1031-1043.	5.4	42
76	Temperature-Responsive Fluorescence Polymer Probes with Accurate Thermally Controlled Cellular Uptakes. ACS Macro Letters, 2014, 3, 281-285.	4.8	76
77	Temperature-responsive Smart Packing Materials Utilizing Multi-functional Polymers. Analytical Sciences, 2014, 30, 167-173.	1.6	19
78	Rapid Quantitative Analysis of Multi-component Supplements for Antioxidation Using Ultra High-speed LC. Bunseki Kagaku, 2014, 63, 679-685.	0.2	0
79	Evaluation of the predictive performance of a pharmacokinetic model for propofol in Japanese macaques (Macaca fuscata fuscata). Journal of Veterinary Pharmacology and Therapeutics, 2013, 36, 169-173.	1.3	19
80	Thermally Modulated Cationic Copolymer Brush on Monolithic Silica Rods for High-Speed Separation of Acidic Biomolecules. ACS Applied Materials & Interfaces, 2013, 5, 1442-1452.	8.0	42
81	Rapid and Simultaneous Analysis of Oral Antidiabetic Drug by Ultra-high-speed HPLC. Bunseki Kagaku, 2013, 62, 725-730.	0.2	0
82	Identification of Antihypertensive Combination Tablets Using Ultra-high-speed Liquid Chromatography-Photodiode Array Detection. Bunseki Kagaku, 2013, 62, 743-750.	0.2	0
83	Removal of Radiocesium Using Cation Exchange Resin. Bunseki Kagaku, 2013, 62, 541-545.	0.2	3
84	Dissolution Tests of Loxoprofen Sodium Hydrate Tablets Using Ultra High-speed Liquid Chromatography. Bunseki Kagaku, 2012, 61, 713-718.	0.2	0
85	pH-induced phase transition control of thermoresponsive nano-micelles possessing outermost surface sulfonamide moieties. Colloids and Surfaces B: Biointerfaces, 2012, 99, 12-19.	5.0	26
86	Poly (N-isopropylacrylamide)â€“PLA and PLA blend nanoparticles for temperature-controllable drug release and intracellular uptake. Colloids and Surfaces B: Biointerfaces, 2012, 99, 67-73.	5.0	74
87	Induction of different reactive oxygen species in the skin during various laser therapies and their inhibition by fullerene. Lasers in Surgery and Medicine, 2012, 44, 685-694.	2.1	17
88	High Stability of Thermoresponsive Polymer-Brush-Grafted Silica Beads as Chromatography Matrices. ACS Applied Materials & Interfaces, 2012, 4, 1998-2008.	8.0	61
89	Thermoresponsive Poly(Nâ€isopropylacrylamide)â€Based Block Copolymer Coating for Optimizing Cell Sheet Fabrication. Macromolecular Bioscience, 2012, 12, 751-760.	4.1	62
90	Effect of polymer containing a naphthyl-alanine derivative on the separation selectivity for aromatic compounds in temperature-responsive chromatography. Journal of Chromatography A, 2012, 1228, 148-154.	3.7	19

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91	Thermo-responsive protein adsorbing materials for purifying pharmaceuticalprotein on exposed charging surface. Journal of Materials Chemistry, 2011, 21, 2590-2593.	6.7	47
92	Thermoresponsive Polymer Brush on Monolithic-Silica-Rod for the High-Speed Separation of Bioactive Compounds. Langmuir, 2011, 27, 10830-10839.	3.5	51
93	Estimation of the Postmortem Duration of Mouse Tissue by Electron Spin Resonance Spectroscopy. Journal of Toxicology, 2011, 2011, 1-11.	3.0	1
94	Temperature-responsive chromatography for the separation of biomolecules. Journal of Chromatography A, 2011, 1218, 8738-8747.	3.7	79
95	Effect of reaction solvent on the preparation of thermo-responsive stationary phase through a surface initiated atom transfer radical polymerization. Journal of Chromatography A, 2011, 1218, 8617-8628.	3.7	42
96	Reaction monitoring of tocopherols with active nitrogen oxides by ultra high-speed liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 241-246.	2.8	7
97	Separation of phosphorylated peptides utilizing dual pH- and temperature-responsive chromatography. Journal of Chromatography A, 2011, 1218, 2079-2084.	3.7	33
98	Thermally-modulated on/off-adsorption materials for pharmaceutical protein purification. Biomaterials, 2011, 32, 619-627.	11.4	78
99	Development of Chromatography System Organic Solvent-Free Using Multi-Functional Polymers. Bunseki Kagaku, 2010, 59, 163-173.	0.2	0
100	Preparation of thermo-responsive polymer brushes on hydrophilic polymeric beads by surface-initiated atom transfer radical polymerization for a highly resolutive separation of peptides. Journal of Chromatography A, 2010, 1217, 5978-5985.	3.7	44
101	Effective separation of peptides using highly dense thermo-responsive polymer brush-grafted porous polystyrene beads. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2191-2198.	2.3	39
102	Thermo-responsive polymer brush-grafted porous polystyrene beads for all-aqueous chromatography. Journal of Chromatography A, 2010, 1217, 522-529.	3.7	79
103	Hydration of poly(N-isopropylacrylamide) brushes on micro-silica beads measured by a fluorescent probe. Chemical Physics Letters, 2010, 491, 193-198.	2.6	8
104	Hypnotic effects and pharmacokinetics of a single bolus dose of propofol in Japanese macaques (Macaca fsucata fsucata). Veterinary Anaesthesia and Analgesia, 2010, 37, 501-510.	0.6	13
105	Thermoresponsive Polymer Brush Surfaces with Hydrophobic Groups for All-Aqueous Chromatography. ACS Applied Materials & Interfaces, 2010, 2, 1247-1253.	8.0	61
106	Preparation of Thermoresponsive Anionic Copolymer Brush Surfaces for Separating Basic Biomolecules. Biomacromolecules, 2010, 11, 215-223.	5.4	41
107	Intracellular delivery of siRNA by cell-penetrating peptides modified with cationic oligopeptides. Drug Delivery, 2009, 16, 153-159.	5.7	26
108	Efficient entrapment of poorly water-soluble pharmaceuticals in hybrid nanoparticles. Journal of Pharmaceutical Sciences, 2009, 98, 2357-2363.	3.3	17

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109	Polymeric nanoparticles encapsulating betamethasone phosphate with different release profiles and stealthiness. International Journal of Pharmaceutics, 2009, 375, 148-154.	5.2	45
110	Aqueous chromatographic system for the quantification of propofol in biological fluids using a temperature-responsive polymer modified stationary phase. Journal of Chromatography A, 2009, 1216, 7427-7432.	3.7	28
111	Dual Temperature- and pH-Responsive Fluorescence Molecular Probe for Cellular Imaging Utilizing a PNIPAAm-Fluorescein Copolymer. Analytical Sciences, 2009, 25, 1043-1047.	1.6	19
112	Preparation of thermoresponsive polymer brush surfaces and their interaction with cells. Biomaterials, 2008, 29, 2073-2081.	11.4	276
113	Aqueous chromatographic system for separation of biomolecules using thermoresponsive polymer modified stationary phase. Journal of Chromatography A, 2008, 1191, 157-161.	3.7	58
114	Preparation of Thermoresponsive Cationic Copolymer Brush Surfaces and Application of the Surface to Separation of Biomolecules. Biomacromolecules, 2008, 9, 1340-1347.	5.4	119
115	Effects of Graft Densities and Chain Lengths on Separation of Bioactive Compounds by Nanolayered Thermoresponsive Polymer Brush Surfaces. Langmuir, 2008, 24, 511-517.	3.5	160
116	Influence of Graft Interface Polarity on Hydration/Dehydration of Grafted Thermoresponsive Polymer Brushes and Steroid Separation Using All-Aqueous Chromatography. Langmuir, 2008, 24, 10981-10987.	3.5	62
117	The Study of Drug Delivery System for Hyperthermic Cancer Therapy. Journal of Life Support Engineering, 2008, 20, 152-152.	0.0	0
118	Novel Analytical System Using Environment-Responsive Polymer. Bunseki Kagaku, 2007, 56, 397-407.	0.2	1
119	Screening Method for Veterinary Drugs in Livestock Foods and Fish by Liquid Chromatography/Tandem Mass Spectrometry. Bunseki Kagaku, 2007, 56, 1105-1112.	0.2	2
120	Metabolism of Bisphenol A in the Rat Syncytiotrophoblast Cell Line, TR-TBT 18d-1. Journal of Health Science, 2007, 53, 146-150.	0.9	1
121	Scandium Ion-accelerated Scavenging Reaction of Cumylperoxyl Radical by a Cyclic Nitroxyl Radical via Electron Transfer. Chemistry Letters, 2007, 36, 378-379.	1.3	9
122	Interfacial Property Modulation of Thermoresponsive Polymer Brush Surfaces and Their Interaction with Biomolecules. Langmuir, 2007, 23, 9409-9415.	3.5	143
123	Thermally responsive chromatographic materials using functional polymers. Journal of Separation Science, 2007, 30, 1646-1656.	2.5	61
124	Differential effects of the ascorbyl and tocopheryl derivative on the methamphetamine-induced toxic behavior and toxicity. Toxicology, 2007, 240, 96-110.	4.2	16
125	Analysis of melatonin using a pH- and temperature-responsive aqueous chromatography system. Journal of Chromatography A, 2007, 1156, 213-219.	3.7	25
126	A developed determination of midazolam and 1â€²-hydroxymidazolam in plasma by liquid chromatographyâ€“mass spectrometry: Application of human pharmacokinetic study for measurement of CYP3A activity. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 847, 275-281.	2.3	27

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127	The Basic Study for Intelligent Liposome using Environmentally Responsive Polymer. Journal of Life Support Engineering, 2007, 19, 199-199.	0.0	1
128	Study of Stereoselective Metabolism by Drug-metabolizing Enzyme Cytochrome P450. Journal of Life Support Engineering, 2007, 19, 210-210.	0.0	0
129	Analysis of Medicines by Aqueous Mobile Phase using Temperature-responsive Chromatography. Journal of Life Support Engineering, 2007, 19, 208-208.	0.0	0
130	Design of Environmentally Responsive Polymer and Application to Separation of Bio-macromolecular. Journal of Life Support Engineering, 2007, 19, 209-209.	0.0	0
131	Increased F2-Isoprostane Levels in the Rat Brain and Plasma Caused by Oxidative Stress and Aging, and Inhibitory Effect of Vitamin E. Journal of Clinical Biochemistry and Nutrition, 2006, 38, 161-166.	1.4	13
132	Separation of Nucleotides with an Aqueous Mobile Phase Using pH- and Temperature-Responsive Polymer Modified Packing Materials. Analytical Sciences, 2006, 22, 539-543.	1.6	39
133	Pharmacokinetics of fentanyl after single intravenous injection and constant rate infusion in dogs. Veterinary Anaesthesia and Analgesia, 2006, 33, 266-273.	0.6	89
134	Temperature-responsive stationary phase utilizing a polymer of proline derivative for hydrophobic interaction chromatography using an aqueous mobile phase. Journal of Chromatography A, 2006, 1106, 152-158.	3.7	48
135	Aqueous chromatography system using pH- and temperature-responsive stationary phase with ion-exchange groups. Journal of Chromatography A, 2006, 1119, 58-65.	3.7	55
136	Study of temperature-responsibility on the surfaces of a thermo-responsive polymer modified stationary phase. Journal of Chromatography A, 2006, 1119, 51-57.	3.7	50
137	Aqueous chromatography system using temperature-responsive polymer-modified stationary phases. Journal of Separation Science, 2006, 29, 738-749.	2.5	65
138	Analysis of Benzimidazole Anthelmintics in Livestock Foods by HPLC/MS/MS. Bunseki Kagaku, 2005, 54, 775-782.	0.2	5
139	Development of Temperature-Responsive Chromatography Using Functional Polymers. Bunseki Kagaku, 2005, 54, 593-603.	0.2	5
140	Analysis of herbicides in water using temperature-responsive chromatography and an aqueous mobile phase. Journal of Chromatography A, 2005, 1069, 281-285.	3.7	31
141	Electron-transfer mechanism in radical-scavenging reactions by a vitamin E model in a protic medium. Organic and Biomolecular Chemistry, 2005, 3, 626.	2.8	104
142	Analysis of protein using Handy-SPR(Surface Plasmon Resonance). Journal of Life Support Engineering, 2005, 17, 162-162.	0.0	0
143	The anti-oxidative activity by the combined use of vitamin E isomers. Journal of Life Support Engineering, 2005, 17, 161-161.	0.0	0
144	Analysis of drugs using temperature-/pH-responsive chromatography. Journal of Life Support Engineering, 2005, 17, 163-163.	0.0	0

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145	Products of the reaction between Î±- or Î³-tocopherol and nitrogen oxides analyzed by high-performance liquid chromatography with UV-visible and atmospheric pressure chemical ionization mass spectrometric detection. Journal of Chromatography A, 2004, 1036, 177-182.	3.7	5
146	Temperature-responsive polymers for liquid-phase separations. Analytical and Bioanalytical Chemistry, 2004, 378, 46-48.	3.7	32
147	Determination of midazolam and its metabolite as a probe for cytochrome P450 3A4 phenotype by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2004, 1031, 213-218.	3.7	32
148	Temperature- and pH-responsive aminopropyl-silica ion-exchange columns grafted with copolymers of N-isopropylacrylamide. Journal of Chromatography A, 2004, 1030, 247-253.	3.7	71
149	Determination and quantitation of sulfonylurea and urea herbicides in water samples using liquid chromatography with electrospray ionization mass spectrometric detection. Analytica Chimica Acta, 2004, 507, 211-218.	5.4	79
150	The study on functional evaluation of the catechin in bottled green tea drinks. Journal of Life Support Engineering, 2004, 16, 133-134.	0.0	0
151	The simultaneous analysis of drugs using the temperature responsive chromatography. Journal of Life Support Engineering, 2004, 16, 319-320.	0.0	0
152	The determination of radioactivity in imported teas and vegetables. Journal of Life Support Engineering, 2004, 16, 139-140.	0.0	0
153	Preparation of nanoparticles covered with inorganic compound as a drug carrier.. Journal of Life Support Engineering, 2004, 16, 183-184.	0.0	0
154	The protective effect by the combined use of vitamin Eisomers on oxidative stress.. Journal of Life Support Engineering, 2004, 16, 137-138.	0.0	0
155	Stereospecific analysis of chiral drugs by metabolic enzyme. Journal of Life Support Engineering, 2004, 16, 135-136.	0.0	0
156	Stereospecific analysis of omeprazole in human plasma as a probe for CYP2C19 phenotype. Journal of Pharmaceutical and Biomedical Analysis, 2003, 30, 1817-1824.	2.8	54
157	Effect of metabolic inhibition against CYP3A4 by catechins in bottled green tea drinks. Bunseki Kagaku, 2003, 52, 769-773.	0.2	5
158	Separation of catechins by temperature-responsive chromatography. Bunseki Kagaku, 2003, 52, 903-906.	0.2	3
159	Temperature-Responsive Chromatography Using Poly-(N-isopropylacrylamide) Hydrogel-Modified Silica.. Analytical Sciences, 2002, 18, 45-48.	1.6	80
160	Stereospecific analysis of loxoprofen in plasma by chiral column liquid chromatography with a circular dichroism-based detector. Journal of Chromatography A, 2002, 948, 303-308.	3.7	22
161	Determination of omeprazole and its metabolites in human plasma by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2002, 949, 1-9.	3.7	50
162	Determination of .ALPHA.-Tocopherol and .ALPHA.-Tocopherylquinone in Rat Tissues and Plasma by High-Performance Liquid Chromatography with Electrochemical Detection.. Chemical and Pharmaceutical Bulletin, 2000, 48, 1462-1466.	1.3	18

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163	Enantiomeric determination ofL- andD-lactic acid in human cerebrospinal fluid by chiral ligand exchange high-performance liquid chromatography. Biomedical Chromatography, 2000, 14, 474-477.	1.7	28
164	Determination of theophylline and its metabolites in biological samples by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2000, 870, 87-96.	3.7	60
165	Stereospecific analysis of lorazepam in plasma by chiral column chromatography with a circular dichroism-based detector. Journal of Chromatography A, 2000, 871, 181-188.	3.7	36
166	Reaction of 2,2,5,7,8-pentamethyl-6-chromanol, an Î±-tocopherol analogue, with NO in the presence of oxygen. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 2709-2712.	2.2	6
167	Temperature-Responsive Chromatographic Separation of Amino Acid Phenylthiohydantoins Using Aqueous Media as the Mobile Phase. Analytical Chemistry, 2000, 72, 5961-5966.	6.5	146
168	Species Absorbing in the 500-nm Region in the Reactions of Pyridoxamine with Pyrroloquinoline Quinone and Phenathrolinequinones.. Chemical and Pharmaceutical Bulletin, 1999, 47, 1774-1777.	1.3	1
169	Determination of sedatives and anesthetics in plasma by liquid chromatographyâ€“mass spectrometry with a desalting system. Journal of Chromatography A, 1998, 797, 227-236.	3.7	46
170	Temperature-responsive chromatography. TrAC - Trends in Analytical Chemistry, 1998, 17, 435-440.	11.4	61
171	Temperature-Responsive Chromatography. Yakugaku Zasshi, 1997, 117, 817-824.	0.2	8
172	Temperature-Responsive Liquid Chromatography. 2. Effects of Hydrophobic Groups inN-Isopropylacrylamide Copolymer-Modified Silica. Analytical Chemistry, 1997, 69, 823-830.	6.5	233
173	Analysis of peptides and proteins by temperature-responsive chromatographic system using N-isopropylacrylamide polymer-modified columns. Journal of Pharmaceutical and Biomedical Analysis, 1997, 15, 1545-1550.	2.8	83
174	Determination of peptides by high-performance liquid chromatography with laser-induced fluorescence detection. Journal of Chromatography A, 1997, 763, 23-29.	3.7	25
175	Temperature-Responsive Chromatography Using Poly(N-isopropylacrylamide)-Modified Silica. Analytical Chemistry, 1996, 68, 100-105.	6.5	414
176	Acidic Catecholamine Metabolites and 5-Hydroxyindoleacetic Acid in Urine: The Influence of Diet. Annals of Clinical Biochemistry, 1996, 33, 43-49.	1.6	37
177	Determination of medetomidine, atipamezole and midazolam in pig plasma by liquid chromatography-mass spectrometry. Biomedical Chromatography, 1995, 9, 188-191.	1.7	25
178	Simultaneous determination of catecholamines, their basic metabolites and serotonin in urine by high-performance liquid chromatography using A mixed-mode column and an eight-channel electrochemical detector. Biomedical Chromatography, 1995, 9, 221-225.	1.7	47
179	High-performance liquid chromatographic determination of catecholamine metabolites and 5-hydroxyindoleacetic acid in human urine using a mixed-mode column and an eight-channel electrode electrochemical detector. Biomedical Applications, 1994, 658, 63-68.	1.7	26
180	Comparison of columns of chemically modified porous glass and silica in reversed-phase high-performance liquid chromatography of ginsenosides. Journal of Chromatography A, 1993, 632, 79-85.	3.7	15

#	Article	IF	Citations
181	Determination of acidic saponins in crude drugs by high- performance liquid chromatography on octadecylsilyl porous glass. Journal of Chromatography A, 1993, 630, 408-414.	3.7	17
182	Liquid chromatography-mass spectrometry for the determination of medetomidine and other anaesthetics in plasma. Journal of Chromatography A, 1993, 631, 215-220.	3.7	26
183	Preparative high-performance liquid chromatography on chemically modified porous glass. Journal of Chromatography A, 1991, 537, 469-474.	3.7	7
184	Preparative high-performance liquid chromatography on chemically modified porous glass. Isolation of saponins from ginseng.. Chemical and Pharmaceutical Bulletin, 1990, 38, 1630-1632.	1.3	9
185	Simultaneous determination of ginsenosides and saikosaponins by high-performance liquid chromatography. Journal of Chromatography A, 1990, 507, 327-332.	3.7	31
186	High-performance liquid chromatographic analysis of ginsenosides inPanax ginseng extracts using glass-ODS column. Chromatographia, 1987, 24, 517-519.	1.3	14