Yoichiro Ito

List of Publications by Year in descending order

339 papers	9,992 citations	50276 46 h-index	62596 80 g-index
340 all docs	340 docs citations	340 times ranked	4426 citing authors

#	Article	IF	Citations
1	Golden rules and pitfalls in selecting optimum conditions for high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1065, 145-168.	3.7	1,286
2	Countercurrent Chromatography: Liquid-Liquid Partition Chromatography without Solid Support. Science, 1970, 167, 281-283.	12.6	245
3	High-Speed Countercurrent Chromatography. Critical Reviews in Analytical Chemistry, 1986, 17, 65-143.	3.5	226
4	Systematic search for suitable two-phase solvent systems for high-speed counter-current chromatography. Journal of Chromatography A, 1991, 538, 99-108.	3.7	163
5	Efficient preparative counter-current chromatography with a coil planet centrifuge. Journal of Chromatography A, 1981, 214, 122-125.	3.7	153
6	pH-zone-refining countercurrent chromatography. Journal of Chromatography A, 1996, 753, 1-36.	3.7	150
7	High-speed preparative counter-current chromatography with a coil planet centrifuge. Journal of Chromatography A, 1982, 244, 247-258.	3.7	148
8	A new preparative-scale purification technique: pH-zone-refining countercurrent chromatography. Journal of the American Chemical Society, 1994, 116, 704-708.	13.7	132
9	pH-zone-refining counter-current chromatography: Origin, mechanism, procedure and applications. Journal of Chromatography A, 2013, 1271, 71-85.	3.7	97
10	Application of analytical and preparative high-speed counter-current chromatography for separation of alkaloids from Coptis chinensis Franch. Journal of Chromatography A, 1998, 829, 137-141.	3.7	95
11	Preparative isolation of imperatorin, oxypeucedanin and isoimperatorin from traditional Chinese herb â€œbai zhiâ€•Angelica dahurica (Fisch. ex Hoffm) Benth. et Hook using multidimensional high-speed counter-current chromatography. Journal of Chromatography A, 2006, 1115, 112-117.	3.7	94
12	Analytical separation of tea catechins and food-related polyphenols by high-speed counter-current chromatography. Journal of Chromatography A, 2006, 1112, 195-201.	3.7	92
13	Separation and purification of isoflavones from Pueraria lobata by high-speed counter-current chromatography. Journal of Chromatography A, 1999, 855, 709-713.	3.7	91
14	High-speed countercurrent chromatography. CRC Critical Reviews in Analytical Chemistry, 1986, 17, 65-143.	1.8	89
15	Preparative isolation and purification of hydroxyanthraquinones from Rheum officinale Baill by high-speed counter-current chromatography using pH-modulated stepwise elution. Journal of Chromatography A, 1999, 858, 103-107.	3.7	87
16	Preparative isolation and purification of acteoside and 2â€²-acetyl acteoside from Cistanches salsa (C.A.) Tj ETQq0 0 0 rgBT /Overlock 1 181-185.	3.7	86
17	Recent advances in counter-current chromatography. Journal of Chromatography A, 1991, 538, 3-25.	3.7	81
18	Experimental observations of the hydrodynamic behavior of solvent systems in high-speed counter-current chromatography. Journal of Chromatography A, 1984, 301, 405-414.	3.7	80

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19	Separation of antibiotics by counter-current chromatography. Journal of Chromatography A, 1998, 812, 35-52.	3.7	79
20	Preparative isolation of osthol and xanthotoxol from Common Cnidium Fruit (Chinese traditional) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chromatography A, 2004, 1033, 373-377.	3.7	78
21	Separation of epigallocatechin and flavonoids from Hypericum perforatum L. by high-speed counter-current chromatography and preparative high-performance liquid chromatography. Journal of Chromatography A, 2009, 1216, 4313-4318.	3.7	76
22	Countercurrent chromatography. Journal of Proteomics, 1981, 5, 105-129.	2.4	75
23	Development of countercurrent chromatography. Analytical Chemistry, 1984, 56, 534A-554A.	6.5	74
24	Relationship between the flow-rate of the mobile phase and retention of the stationary phase in counter-current chromatography. Journal of Chromatography A, 1999, 835, 231-235.	3.7	73
25	Multidimensional counter-current chromatographic system and its application. Journal of Chromatography A, 1998, 803, 298-301.	3.7	72
26	Large-scale separation of resveratrol, anthraglycoside A and anthraglycoside B from Polygonum cuspidatum Sieb. et Zucc by high-speed counter-current chromatography. Journal of Chromatography A, 2001, 919, 443-448.	3.7	71
27	Preparative isolation and purification of two isoflavones from Astragalus membranaceus Bge. var. mongholicus (Bge.) Hsiao by high-speed counter-current chromatography. Journal of Chromatography A, 2003, 992, 193-197.	3.7	68
28	Resolution of gram quantities of racemates by high-speed counter-current chromatography. Journal of Chromatography A, 1995, 704, 75-81.	3.7	65
29	Application of analytical and preparative high-speed counter-current chromatography for separation of lycopene from crude extract of tomato paste. Journal of Chromatography A, 2001, 929, 169-173.	3.7	65
30	Separation of tanshinones from Salvia miltiorrhiza Bunge by high-speed counter-current chromatography using stepwise elution. Journal of Chromatography A, 2000, 904, 107-111.	3.7	64
31	Purification of (+)-dihydromyricetin from leaves extract of Ampelopsis grossedentata using high-speed countercurrent chromatograph with scale-up triple columns. Journal of Chromatography A, 2002, 973, 217-220.	3.7	58
32	Separation of tanshinones from Salvia miltiorrhiza Bunge by multidimensional counter-current chromatography. Journal of Chromatography A, 2002, 945, 281-285.	3.7	57
33	Studies on a new cross-axis coil planet centrifuge for performing counter-current chromatography. Journal of Chromatography A, 1993, 644, 215-229.	3.7	56
34	Low-Speed Rotary Countercurrent Chromatography Using a Convoluted Multilayer Helical Tube for Industrial Separation. Analytical Chemistry, 2000, 72, 3363-3365.	6.5	55
35	A simple method to optimize the HSCCC twoâ€phase solvent system by predicting the partition coefficient for target compound. Journal of Separation Science, 2008, 31, 1189-1194.	2.5	55
36	Experimental observations of the hydrodynamic behavior of solvent systems in high-speed counter-current chromatography. Journal of Chromatography A, 1984, 301, 387-403.	3.7	54

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37	Origin and Evolution of the Coil Planet Centrifuge: A Personal Reflection of My 40 Years of CCC Research and Development. Separation and Purification Reviews, 2005, 34, 131-154.	5.5	54
38	Isolation of quercetin-3-O-l-rhamnoside from Acer truncatum Bunge by high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1070, 211-214.	3.7	53
39	Separation and purification of isoflavones from a crude soybean extract by high-speed counter-current chromatography. Journal of Chromatography A, 2001, 928, 163-170.	3.7	51
40	Separation of salidroside from Rhodiola crenulata by high-speed counter-current chromatography. Journal of Chromatography A, 2002, 971, 237-241.	3.7	50
41	Improved spiral disk assembly for high-speed counter-current chromatography. Journal of Chromatography A, 2003, 1017, 71-81.	3.7	50
42	Cross-Axis Synchronous Flow-Through Coil Planet Centrifuge Free of Rotary Seals for Preparative Countercurrent Chromatography. Part I. Apparatus and Analysis of Acceleration. Separation Science and Technology, 1987, 22, 1971-1987.	2.5	49
43	Preparative isolation and purification of notopterol and isoimperatorin from Notopterygium forbessi boiss (Chinese traditional medicinal herb) by high-speed counter-current chromatography. Journal of Chromatography A, 2000, 883, 67-73.	3.7	49
44	Application of preparative high-speed counter-current chromatography for separation of methyl gallate from Acer truncatum Bunge. Journal of Chromatography A, 2005, 1076, 212-215.	3.7	49
45	New continous extraction method with a coil planet centrifuge. Journal of Chromatography A, 1981, 207, 161-169.	3.7	48
46	Preparative separation of isoflavone components in soybeans using high-speed counter-current chromatography. Journal of Chromatography A, 2001, 923, 271-274.	3.7	47
47	Single-Step Total Fractionation of Single-Wall Carbon Nanotubes by Countercurrent Chromatography. Analytical Chemistry, 2014, 86, 3980-3984.	6.5	47
48	Enantioseparation of mandelic acid derivatives by high performance liquid chromatography with substituted Î²-cyclodextrin as chiral mobile phase additive and evaluation of inclusion complex formation. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 962, 44-51.	2.3	47
49	Dioscorea zingiberensis C. H. Wright: An overview on its traditional use, phytochemistry, pharmacology, clinical applications, quality control, and toxicity. Journal of Ethnopharmacology, 2018, 220, 283-293.	4.1	46
50	Countercurrent chromatography with the flow-through centrifuge without rotating seals. Analytical Biochemistry, 1978, 85, 614-617.	2.4	45
51	pH-Zone-refining counter-current chromatography of lappaconitine from Aconitum sinomontanum Nakai. Journal of Chromatography A, 2001, 923, 281-285.	3.7	45
52	Preparative separation of lappaconitine, ranaconitine, N-deacetyllappaconitine and N-deacetylranaconitine from crude alkaloids of sample Aconitum sinomontanum Nakai by high-speed counter-current chromatography. Journal of Chromatography A, 2002, 943, 219-225.	3.7	45
53	Isolation and purification of nootkatone from the essential oil of fruits of Alpinia oxyphylla Miquel by high-speed counter-current chromatography. Food Chemistry, 2009, 117, 375-380.	8.2	45
54	Foam Countercurrent Chromatography Based on Dual Counter-Current System. Journal of Liquid Chromatography and Related Technologies, 1985, 8, 2131-2152.	1.0	44

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55	Three-phase solvent systems for comprehensive separation of a wide variety of compounds by high-speed counter-current chromatography. Journal of Chromatography A, 2006, 1133, 119-125.	3.7	44
56	Fabrication of chiral amino acid ionic liquid modified magnetic multifunctional nanospheres for centrifugal chiral chromatography separation of racemates. Journal of Chromatography A, 2015, 1400, 40-46.	3.7	44
57	Cross-axis synchronous flow-through coil planet centrifuge (type XLL). Journal of Chromatography A, 1991, 538, 59-66.	3.7	43
58	Purification of Food Color Red No. 106 (acid red) using pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2002, 946, 157-162.	3.7	43
59	Quality control and identification of steroid saponins from Dioscorea zingiberensis C. H. Wright by fingerprint with HPLC-ELSD and HPLC-ESI-Quadrupole/Time-of-fight tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 91, 46-59.	2.8	43
60	Separation of lac dye components by high-speed counter-current chromatography. Journal of Chromatography A, 1998, 813, 71-77.	3.7	42
61	Preparative separation of rhein from Chinese traditional herb by repeated high-speed counter-current chromatography. Journal of Chromatography A, 2003, 1017, 125-130.	3.7	42
62	Spiral Disk Assembly for HSCCC: Column Design and Basic Studies on Chromatographic Resolution and Stationary Phase Retention. Journal of Liquid Chromatography and Related Technologies, 2003, 26, 1355-1372.	1.0	42
63	Resolution in Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 1985, 8, 2195-2207.	1.0	41
64	Isolation of high-purity casticin from Artemisia annua L. by high-speed counter-current chromatography. Journal of Chromatography A, 2007, 1151, 180-182.	3.7	41
65	Mathematical model of computer-programmed intermittent dual countercurrent chromatography applied to hydrostatic and hydrodynamic equilibrium systems. Journal of Chromatography A, 2009, 1216, 6310-6318.	3.7	41
66	Separation of alkaloids by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 1994, 685, 259-262.	3.7	40
67	Botany, traditional use, phytochemistry, pharmacology, quality control, and authentication of Radix Gentianae Macrophyllae -A traditional medicine: A review. Phytomedicine, 2018, 46, 142-163.	5.3	40
68	Preparative separation of alkaloids from the root of Sophora flavescens Ait by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 1998, 822, 316-320.	3.7	39
69	Countercurrent Chromatographic Separation of Biotic Compounds with Extremely Hydrophilic Organicâ€Aqueous Twoâ€Phase Solvent Systems and Organicâ€Aqueous Threeâ€Phase Solvent Systems. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 733-750.	1.0	39
70	SEPARATION AND PURIFICATION OF FLAVONOIDS FROM BLACK CURRANT LEAVES BY HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY AND PREPARATIVE HPLC. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 615-628.	1.0	39
71	Separation of rare earth elements by high-speed counter-current chromatography. Journal of Chromatography A, 1991, 538, 133-140.	3.7	38
72	Separation of peptide derivatives by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 1995, 702, 197-206.	3.7	38

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73	Rapid separation of flavonoids by analytical high-speed counter-current chromatography. Journal of Chromatography A, 1988, 445, 199-206.	3.7	37
74	PREPARATIVE SEPARATION OF CURCUMINOIDS FROM CRUDE CURCUMIN AND TURMERIC POWDER BY pH-ZONE-REFINING COUNTERCURRENT CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 2209-2218.	1.0	37
75	Preparative isolation and identification of tyrosinase inhibitors from the seeds of Garcinia kola by high-speed counter-current chromatography. Journal of Chromatography A, 2007, 1151, 45-50.	3.7	37
76	Comparative Study on Separation and Purification of Isoflavones from the Seeds and Sprouts of Chickpea by High-Speed Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2879-2892.	1.0	37
77	Separation of Î±-cyclohexylmandelic acid enantiomers using biphasic chiral recognition high-speed counter-current chromatography. Journal of Chromatography A, 2010, 1217, 3044-3052.	3.7	37
78	Preparative isolation of alkaloids from Corydalis bungeana Turcz. by highâ€speed counterâ€current chromatography using stepwise elution. Journal of Separation Science, 2011, 34, 987-994.	2.5	37
79	Micro liquid-liquid partition techniques with the coil planet centrifuge. Analytical Chemistry, 1969, 41, 1579-1584.	6.5	36
80	Potential neuroprotection of protodioscin against cerebral ischemia-reperfusion injury in rats through intervening inflammation and apoptosis. Steroids, 2016, 113, 52-63.	1.8	36
81	Protein Separation by Improved Cross-Axis Coil Planet Centrifuge with Eccentric Coil Assemblies. Journal of Liquid Chromatography and Related Technologies, 1996, 19, 415-425.	1.0	35
82	Mixer-settler counter-current chromatography with multiple spiral disk assembly. Journal of Chromatography A, 2007, 1172, 151-159.	3.7	35
83	Application of high-speed counter-current chromatography and preparative high-performance liquid chromatography mode for rapid isolation of anthraquinones from Morinda officinalis How.. Separation and Purification Technology, 2009, 70, 147-152.	7.9	34
84	Organic high ionic strength aqueous two-phase solvent system series for separation of ultra-polar compounds by spiral high-speed counter-current chromatography. Journal of Chromatography A, 2011, 1218, 8715-8717.	3.7	34
85	Improved high-speed counter-current chromatograph with three multilayer coils connected in series. Journal of Chromatography A, 1989, 475, 219-227.	3.7	33
86	Preparative separation of components of the color additive D&C Red No. 28 (phloxine B) by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 1994, 678, 77-84.	3.7	33
87	Purification of icariin from the extract of Epimedium segittatum using high-speed counter-current chromatography. Journal of Chromatography A, 2002, 962, 239-241.	3.7	33
88	Separation of Apple Catechin Oligomers by CCC. Journal of Liquid Chromatography and Related Technologies, 2003, 26, 1609-1621.	1.0	33
89	Comprehensive separation of secondary metabolites in natural products by high-speed counter-current chromatography using a three-phase solvent system. Journal of Chromatography A, 2007, 1151, 74-81.	3.7	33
90	Flat-twisted tubing: Novel column design for spiral high-speed counter-current chromatography. Journal of Chromatography A, 2009, 1216, 5265-5271.	3.7	33

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91	Rapid preparative separation of six bioactive compounds fromGentiana crassicaulisDuthie ex Burk. using microwave-assisted extraction coupled with high-speed counter-current chromatography. Journal of Separation Science, 2013, 36, 3934-3940.	2.5	33
92	Preparative separation of quaternary ammonium alkaloids from Coptis chinensis Franch by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2014, 1370, 156-161.	3.7	33
93	Isolation of 4â€²-bromo-4,5,6,7-tetrachlorofluorescein from a synthetic mixture by pH-zone-refining counter-current chromatography with continuous pH monitoring. Journal of Chromatography A, 1996, 732, 283-290.	3.7	32
94	Separation and Purification of Phenolic Acids and Myricetin from Black Currant by High-Speed Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 3077-3088.	1.0	32
95	Preparation and Purification of Epigallocatechin by Highâ€Speed Countercurrent Chromatography (HSCCC). Journal of Liquid Chromatography and Related Technologies, 2004, 27, 145-152.	1.0	31
96	Preparative Separation of Indole Alkaloids from the Rind of Picralima nitida (Stapf) T. Durand & H. Durand by pHâ€Zoneâ€Refining Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 775-783.	1.0	31
97	Preparative separation of isomeric and stereoisomeric dicarboxylic acids by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2007, 1151, 82-90.	3.7	31
98	Horizontal flow-through coll planet centrifuge without rotating seals. Analytical Biochemistry, 1977, 82, 63-68.	2.4	30
99	Centrifugal Precipitation Chromatography: Principle, Apparatus, and Optimization of Key Parameters for Protein Fractionation by Ammonium Sulfate Precipitation. Analytical Biochemistry, 2000, 277, 143-153.	2.4	29
100	Preparative separation of isomeric 2-(2-quinolinyl)-1H-indene-1,3(2H)-dione monosulfonic acids of the color additive D&C Yellow No. 10 (Quinoline Yellow) by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2001, 923, 87-96.	3.7	29
101	Speculation on the Mechanism of Unilateral Hydrodynamic Distribution of Two Immiscible Solvent Phases in the Rotating Coil. Journal of Liquid Chromatography and Related Technologies, 1992, 15, 2639-2675.	1.0	28
102	Affinity Countercurrent Chromatography Using a Ligand in the Stationary Phase. Analytical Chemistry, 1996, 68, 1207-1211.	6.5	28
103	Centrifugal Precipitation Chromatography â€” a Novel Chromatographic System for Fractionation of Polymeric Pigments from Black Tea and Red Wine. Journal of Agricultural and Food Chemistry, 2001, 49, 1730-1736.	5.2	28
104	Preparative separation of components of the color additive FD&C Red No. 3 (erythrosine) by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 1994, 658, 505-510.	3.7	27
105	Toroidal coil counter-current chromatography. Journal of Chromatography A, 1998, 808, 95-104.	3.7	27
106	New small-scale cross-axis coil planet centrifuge. Journal of Chromatography A, 2006, 1104, 245-255.	3.7	27
107	Application of Preparative High-Speed Countercurrent Chromatography for Separation of Elatine from Delphinium shawurense. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 3012-3019.	1.0	27
108	Preparative separation of 1,3,6-pyrenetrisulfonic acid trisodium salt from the color additive D&C Green No. 8 (pyranine) by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2011, 1218, 8249-8254.	3.7	27

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109	Preparative separation of stereoisomeric 1-methyl-4-methoxymethylcyclohexanecarboxylic acids by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 1994, 685, 253-257.	3.7	26
110	Peptide separation by pH-zone-refining countercurrent chromatography. Journal of Chromatography A, 1997, 771, 81-88.	3.7	26
111	Preparative isolation and purification of calycosin from Astragalus membranaceus Bge. var. mongholicus (Bge.) Hsiao by high-speed counter-current chromatography. Journal of Chromatography A, 2002, 962, 243-247.	3.7	26
112	Preparative isolation and purification of rupestonic acid from the Chinese medicinal plant Artemisia rupestris L. by high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1076, 198-201.	3.7	26
113	Mixer-settler counter-current chromatography with a barricaded spiral disk assembly with glass beads. Journal of Chromatography A, 2007, 1151, 108-114.	3.7	26
114	Isolation and purification of series bioactive components from Hypericum perforatum L. by counter-current chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 480-488.	2.3	26
115	PREPARATIVE ISOLATION AND PURIFICATION OF FOUR FLAVONOIDS FROM DAPHNE GENKWA SIEB. ET ZUCC. BY HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 2360-2372.	1.0	26
116	Therapeutic effects of total steroid saponin extracts from the rhizome of Dioscorea zingiberensis C.H.Wright in Freund's complete adjuvant induced arthritis in rats. International Immunopharmacology, 2014, 23, 407-416.	3.8	26
117	Diosgenin attenuates the brain injury induced by transient focal cerebral ischemia-reperfusion in rats. Steroids, 2016, 113, 103-112.	1.8	26
118	Novel Design for Centrifugal Countercurrent Chromatography: I. Zigzag Toroidal Column. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2030-2042.	1.0	25
119	Solvent Selection for Countercurrent Chromatography by Rapid Estimation of Partition Coefficients and Application to Polar Conjugates of p-Nitrophenol. Journal of Liquid Chromatography and Related Technologies, 1984, 7, 275-289.	1.0	24
120	Improved cross-axis synchronous flow-through coil planet centrifuge for performing counter-current chromatography. Journal of Chromatography A, 1989, 463, 305-316.	3.7	24
121	Isolation and Purification of Psoralen and Bergapten from Ficus carica L. Leaves by High-Speed Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 2008, 32, 136-143.	1.0	24
122	Preparative separation of di- and trisulfonated components of Quinoline Yellow using affinity-ligand pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2009, 1216, 4161-4168.	3.7	24
123	Spiral column configuration for protein separation by high-speed countercurrent chromatography. Chemical Engineering and Processing: Process Intensification, 2010, 49, 782-792.	3.6	24
124	ISOLATION OF FIVE GLYCOSIDES FROM THE BARKS OF ILEX ROTUNDA BY HIGH-SPEED COUNTER-CURRENT CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2363-2376.	1.0	24
125	Chiral ligand exchange high-speed countercurrent chromatography: mechanism and application in enantioseparation of aromatic Î±-hydroxyl acids. Journal of Chromatography A, 2014, 1360, 110-118.	3.7	24
126	Countercurrent Chromatography. Analytical Chemistry, 1971, 43, 69A-75A.	6.5	23

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127	Improved Nonsynchronous Flow-Through Coil Planet Centrifuge without Rotating Seals: Principle and Application. Separation Science and Technology, 1983, 18, 33-48.	2.5	23
128	Toroidal coil counter-current chromatography study of the mass transfer rate of proteins in aqueousâ€“aqueous polymer phase system. Journal of Chromatography A, 1998, 802, 277-283.	3.7	23
129	A new continuous-flow cell separation method based on cell density: Principle, apparatus, and preliminary application to separation of human buffy coat. Journal of Clinical Apheresis, 2001, 16, 186-191.	1.3	23
130	Isolation and Identification of Phenolic Compounds in the Fruit of Benincasa hispida by HSCCC. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 137-144.	1.0	23
131	Analysis of Components of Neem (Azadirachta indica) Oil by Diverse Chromatographic Techniques. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 2225-2233.	1.0	23
132	Stationary phase retention and preliminary application of a spiral disk assembly designed for high-speed counter-current chromatography. Journal of Chromatography A, 2008, 1188, 164-170.	3.7	23
133	ISOLATION OF CAFFEIC ACID FROM EUPATORIUM ADENOPHORUM SPRENG BY HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY AND SYNTHESIS OF CAFFEIC ACID-INTERCALATED LAYERED DOUBLE HYDROXIDE. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 837-845.	1.0	23
134	The toroidal coll planet centrifuge without rotating seals applied to countercurrent chromatography. Analytical Biochemistry, 1980, 102, 150-152.	2.4	22
135	New high-speed counter-current chromatograph equipped with a pair of separation columns connected in series. Journal of Chromatography A, 1988, 454, 382-386.	3.7	22
136	Countercurrent chromatographic analysis of ovalbumin obtained from various sources using the cross-axis coil planet centrifuge. Journal of Chromatography A, 1996, 724, 179-184.	3.7	21
137	Development of a Method to Extract and Purify Target Compounds from Medicinal Plants in a Single Step: Online Hyphenation of Expanded Bed Adsorption Chromatography and Countercurrent Chromatography. Analytical Chemistry, 2014, 86, 3373-3379.	6.5	21
138	Application of Highâ€Speed Countercurrent Chromatography to the Separation of Black Tea Theaflavins. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 1893-1902.	1.0	20
139	Preparative Separation of Tripdiolide from Chinese Traditional Herb by Multidimensional CCC. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 1903-1911.	1.0	20
140	Determination of Log Po/w for Catechins and Their Isomers, Oligomers, and Other Organic Compounds by Stationary Phase Controlled Highâ€Speed Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 2819-2837.	1.0	20
141	PREPARATIVE ISOLATION AND PURIFICATION OF FIVE FLAVONOIDS FROMPOGOSTEMON CABLINBENTH BY HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY AND PREPARATIVE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 1617-1629.	1.0	20
142	PREPARATION OF MAIN IRIDOID GLYCOSIDES IN FRUCTUS CORNI BY MACROPOROUS RESIN COLUMN CHROMATOGRAPHY AND COUNTERCURRENT CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 983-999.	1.0	20
143	Neuroprotective Effects of Total Steroid Saponins on Cerebral Ischemia Injuries in an Animal Model of Focal Ischemia/Reperfusion. Planta Medica, 2014, 80, 637-644.	1.3	20
144	ENRICHMENT AND PURIFICATION OF PEDUNCULOSIDE AND SYRINGIN FROM THE BARKS OFILEX ROTUNDAWITH MACROPOROUS RESINS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 572-587.	1.0	20

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145	Preparative separation of two subsidiary colors of FD&C Yellow No. 5 (Tartrazine) using spiral high-speed counter-current chromatography. Journal of Chromatography A, 2014, 1343, 91-100.	3.7	20
146	Foam counter-current chromatography of bacitracin. Journal of Chromatography A, 1989, 482, 197-205.	3.7	19
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