

Yoichiro Ito

List of Publications by Year in descending order

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339
papers

9,992
citations

50244

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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. <i>Journal of Chromatography A</i> , 2005, 1065, 145-168.	1.8	1,286
2	Countercurrent Chromatography: Liquid-Liquid Partition Chromatography without Solid Support. <i>Science</i> , 1970, 167, 281-283.	6.0	245
3	High-Speed Countercurrent Chromatography. <i>Critical Reviews in Analytical Chemistry</i> , 1986, 17, 65-143.	1.8	226
4	Systematic search for suitable two-phase solvent systems for high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1991, 538, 99-108.	1.8	163
5	Efficient preparative counter-current chromatography with a coil planet centrifuge. <i>Journal of Chromatography A</i> , 1981, 214, 122-125.	1.8	153
6	pH-zone-refining countercurrent chromatography. <i>Journal of Chromatography A</i> , 1996, 753, 1-36.	1.8	150
7	High-speed preparative counter-current chromatography with a coil planet centrifuge. <i>Journal of Chromatography A</i> , 1982, 244, 247-258.	1.8	148
8	A new preparative-scale purification technique: pH-zone-refining countercurrent chromatography. <i>Journal of the American Chemical Society</i> , 1994, 116, 704-708.	6.6	132
9	pH-zone-refining counter-current chromatography: Origin, mechanism, procedure and applications. <i>Journal of Chromatography A</i> , 2013, 1271, 71-85.	1.8	97
10	Application of analytical and preparative high-speed counter-current chromatography for separation of alkaloids from <i>Coptis chinensis</i> Franch. <i>Journal of Chromatography A</i> , 1998, 829, 137-141.	1.8	95
11	Preparative isolation of imperatorin, oxypeucedanin and isoimperatorin from traditional Chinese herb <i>Angelica dahurica</i> (Fisch. ex Hoffm) Benth. et Hook using multidimensional high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2006, 1115, 112-117.	1.8	94
12	Analytical separation of tea catechins and food-related polyphenols by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2006, 1112, 195-201.	1.8	92
13	Separation and purification of isoflavones from <i>Pueraria lobata</i> by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1999, 855, 709-713.	1.8	91
14	High-speed countercurrent chromatography. <i>CRC Critical Reviews in Analytical Chemistry</i> , 1986, 17, 65-143.	2.3	89
15	Preparative isolation and purification of hydroxyanthraquinones from <i>Rheum officinale</i> Baill by high-speed counter-current chromatography using pH-modulated stepwise elution. <i>Journal of Chromatography A</i> , 1999, 858, 103-107.	1.8	87
16	Preparative isolation and purification of acteoside and 2-acetyl acteoside from <i>Cistanches salsa</i> (C.A.) Tj ETQq0 0 0 rgBT /Overlock 181-185.	1.8	86
17	Recent advances in counter-current chromatography. <i>Journal of Chromatography A</i> , 1991, 538, 3-25.	1.8	81
18	Experimental observations of the hydrodynamic behavior of solvent systems in high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1984, 301, 405-414.	1.8	80

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19	Separation of antibiotics by counter-current chromatography. <i>Journal of Chromatography A</i> , 1998, 812, 35-52.	1.8	79
20	Preparative isolation of osthol and xanthotoxol from Common Cnidium Fruit (Chinese traditional) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chromatography A</i> , 2004, 1033, 373-377.	1.8	78
21	Separation of epigallocatechin and flavonoids from <i>Hypericum perforatum</i> L. by high-speed counter-current chromatography and preparative high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 4313-4318.	1.8	76
22	Countercurrent chromatography. <i>Journal of Proteomics</i> , 1981, 5, 105-129.	2.4	75
23	Development of countercurrent chromatography. <i>Analytical Chemistry</i> , 1984, 56, 534A-554A.	3.2	74
24	Relationship between the flow-rate of the mobile phase and retention of the stationary phase in counter-current chromatography. <i>Journal of Chromatography A</i> , 1999, 835, 231-235.	1.8	73
25	Multidimensional counter-current chromatographic system and its application. <i>Journal of Chromatography A</i> , 1998, 803, 298-301.	1.8	72
26	Large-scale separation of resveratrol, anthraglycoside A and anthraglycoside B from <i>Polygonum cuspidatum</i> Sieb. et Zucc by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2001, 919, 443-448.	1.8	71
27	Preparative isolation and purification of two isoflavones from <i>Astragalus membranaceus</i> Bge. var. <i>mongholicus</i> (Bge.) Hsiao by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2003, 992, 193-197.	1.8	68
28	Resolution of gram quantities of racemates by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1995, 704, 75-81.	1.8	65
29	Application of analytical and preparative high-speed counter-current chromatography for separation of lycopene from crude extract of tomato paste. <i>Journal of Chromatography A</i> , 2001, 929, 169-173.	1.8	65
30	Separation of tanshinones from <i>Salvia miltiorrhiza</i> Bunge by high-speed counter-current chromatography using stepwise elution. <i>Journal of Chromatography A</i> , 2000, 904, 107-111.	1.8	64
31	Purification of (+)-dihydromyricetin from leaves extract of <i>Ampelopsis grossedentata</i> using high-speed countercurrent chromatograph with scale-up triple columns. <i>Journal of Chromatography A</i> , 2002, 973, 217-220.	1.8	58
32	Separation of tanshinones from <i>Salvia miltiorrhiza</i> Bunge by multidimensional counter-current chromatography. <i>Journal of Chromatography A</i> , 2002, 945, 281-285.	1.8	57
33	Studies on a new cross-axis coil planet centrifuge for performing counter-current chromatography. <i>Journal of Chromatography A</i> , 1993, 644, 215-229.	1.8	56
34	Low-Speed Rotary Countercurrent Chromatography Using a Convolute Multilayer Helical Tube for Industrial Separation. <i>Analytical Chemistry</i> , 2000, 72, 3363-3365.	3.2	55
35	A simple method to optimize the HSCCC two-phase solvent system by predicting the partition coefficient for target compound. <i>Journal of Separation Science</i> , 2008, 31, 1189-1194.	1.3	55
36	Experimental observations of the hydrodynamic behavior of solvent systems in high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1984, 301, 387-403.	1.8	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. <i>Separation and Purification Reviews</i> , 2005, 34, 131-154.	2.8	54
38	Isolation of quercetin-3-O-l-rhamnoside from <i>Acer truncatum</i> Bunge by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2005, 1070, 211-214.	1.8	53
39	Separation and purification of isoflavones from a crude soybean extract by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2001, 928, 163-170.	1.8	51
40	Separation of salidroside from <i>Rhodiola crenulata</i> by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2002, 971, 237-241.	1.8	50
41	Improved spiral disk assembly for high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2003, 1017, 71-81.	1.8	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. <i>Separation Science and Technology</i> , 1987, 22, 1971-1987.	1.3	49
43	Preparative isolation and purification of notopterol and isoimperatorin from <i>Notopterygium forbesii</i> boiss (Chinese traditional medicinal herb) by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2000, 883, 67-73.	1.8	49
44	Application of preparative high-speed counter-current chromatography for separation of methyl gallate from <i>Acer truncatum</i> Bunge. <i>Journal of Chromatography A</i> , 2005, 1076, 212-215.	1.8	49
45	New continuous extraction method with a coil planet centrifuge. <i>Journal of Chromatography A</i> , 1981, 207, 161-169.	1.8	48
46	Preparative separation of isoflavone components in soybeans using high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2001, 923, 271-274.	1.8	47
47	Single-Step Total Fractionation of Single-Wall Carbon Nanotubes by Countercurrent Chromatography. <i>Analytical Chemistry</i> , 2014, 86, 3980-3984.	3.2	47
48	Enantioseparation of mandelic acid derivatives by high performance liquid chromatography with substituted β -cyclodextrin as chiral mobile phase additive and evaluation of inclusion complex formation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 962, 44-51.	1.2	47
49	<i>Dioscorea zingiberensis</i> C. H. Wright: An overview on its traditional use, phytochemistry, pharmacology, clinical applications, quality control, and toxicity. <i>Journal of Ethnopharmacology</i> , 2018, 220, 283-293.	2.0	46
50	Countercurrent chromatography with the flow-through centrifuge without rotating seals. <i>Analytical Biochemistry</i> , 1978, 85, 614-617.	1.1	45
51	pH-Zone-refining counter-current chromatography of lappaconitine from <i>Aconitum sinomontanum</i> Nakai. <i>Journal of Chromatography A</i> , 2001, 923, 281-285.	1.8	45
52	Preparative separation of lappaconitine, ranaconitine, N-deacetylappaconitine and N-deacetylranaconitine from crude alkaloids of sample <i>Aconitum sinomontanum</i> Nakai by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2002, 943, 219-225.	1.8	45
53	Isolation and purification of nootkatone from the essential oil of fruits of <i>Alpinia oxyphylla</i> Miquel by high-speed counter-current chromatography. <i>Food Chemistry</i> , 2009, 117, 375-380.	4.2	45
54	Foam Countercurrent Chromatography Based on Dual Counter-Current System. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1985, 8, 2131-2152.	0.9	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. <i>Journal of Chromatography A</i> , 2006, 1133, 119-125.	1.8	44
56	Fabrication of chiral amino acid ionic liquid modified magnetic multifunctional nanospheres for centrifugal chiral chromatography separation of racemates. <i>Journal of Chromatography A</i> , 2015, 1400, 40-46.	1.8	44
57	Cross-axis synchronous flow-through coil planet centrifuge (type XXL). <i>Journal of Chromatography A</i> , 1991, 538, 59-66.	1.8	43
58	Purification of Food Color Red No. 106 (acid red) using pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2002, 946, 157-162.	1.8	43
59	Quality control and identification of steroid saponins from <i>Dioscorea zingiberensis</i> C. H. Wright by fingerprint with HPLC-ELSD and HPLC-ESI-Quadrupole/Time-of-flight tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 46-59.	1.4	43
60	Separation of lac dye components by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1998, 813, 71-77.	1.8	42
61	Preparative separation of rhein from Chinese traditional herb by repeated high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2003, 1017, 125-130.	1.8	42
62	Spiral Disk Assembly for HSCCC: Column Design and Basic Studies on Chromatographic Resolution and Stationary Phase Retention. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 1355-1372.	0.5	42
63	Resolution in Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1985, 8, 2195-2207.	0.9	41
64	Isolation of high-purity casticin from <i>Artemisia annua</i> L. by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2007, 1151, 180-182.	1.8	41
65	Mathematical model of computer-programmed intermittent dual countercurrent chromatography applied to hydrostatic and hydrodynamic equilibrium systems. <i>Journal of Chromatography A</i> , 2009, 1216, 6310-6318.	1.8	41
66	Separation of alkaloids by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 1994, 685, 259-262.	1.8	40
67	Botany, traditional use, phytochemistry, pharmacology, quality control, and authentication of <i>Radix Gentianae Macrophyllae</i> -A traditional medicine: A review. <i>Phytomedicine</i> , 2018, 46, 142-163.	2.3	40
68	Preparative separation of alkaloids from the root of <i>Sophora flavescens</i> Ait by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 1998, 822, 316-320.	1.8	39
69	Countercurrent Chromatographic Separation of Biotic Compounds with Extremely Hydrophilic Organic-Aqueous Two-Phase Solvent Systems and Organic-Aqueous Three-Phase Solvent Systems. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 733-750.	0.5	39
70	SEPARATION AND PURIFICATION OF FLAVONOIDS FROM BLACK CURRANT LEAVES BY HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY AND PREPARATIVE HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 615-628.	0.5	39
71	Separation of rare earth elements by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1991, 538, 133-140.	1.8	38
72	Separation of peptide derivatives by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 1995, 702, 197-206.	1.8	38

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73	Rapid separation of flavonoids by analytical high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 1988, 445, 199-206.	1.8	37
74	PREPARATIVE SEPARATION OF CURCUMINOIDS FROM CRUDE CURCUMIN AND TURMERIC POWDER BY pH-ZONE-REFINING COUNTERCURRENT CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 2209-2218.	0.5	37
75	Preparative isolation and identification of tyrosinase inhibitors from the seeds of <i>Garcinia kola</i> by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2007, 1151, 45-50.	1.8	37
76	Comparative Study on Separation and Purification of Isoflavones from the Seeds and Sprouts of Chickpea by High-Speed Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2879-2892.	0.5	37
77	Separation of \pm -cyclohexylmandelic acid enantiomers using biphasic chiral recognition high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 3044-3052.	1.8	37
78	Preparative isolation of alkaloids from <i>Corydalis bungeana</i> Turcz. by high-speed counter-current chromatography using stepwise elution. <i>Journal of Separation Science</i> , 2011, 34, 987-994.	1.3	37
79	Micro liquid-liquid partition techniques with the coil planet centrifuge. <i>Analytical Chemistry</i> , 1969, 41, 1579-1584.	3.2	36
80	Potential neuroprotection of protodioscin against cerebral ischemia-reperfusion injury in rats through intervening inflammation and apoptosis. <i>Steroids</i> , 2016, 113, 52-63.	0.8	36
81	Protein Separation by Improved Cross-Axis Coil Planet Centrifuge with Eccentric Coil Assemblies. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996, 19, 415-425.	0.5	35
82	Mixer-settler counter-current chromatography with multiple spiral disk assembly. <i>Journal of Chromatography A</i> , 2007, 1172, 151-159.	1.8	35
83	Application of high-speed counter-current chromatography and preparative high-performance liquid chromatography mode for rapid isolation of anthraquinones from <i>Morinda officinalis</i> How.. <i>Separation and Purification Technology</i> , 2009, 70, 147-152.	3.9	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. <i>Journal of Chromatography A</i> , 2011, 1218, 8715-8717.	1.8	34
85	Improved high-speed counter-current chromatograph with three multilayer coils connected in series. <i>Journal of Chromatography A</i> , 1989, 475, 219-227.	1.8	33
86	Preparative separation of components of the color additive D&C Red No. 28 (phloxine B) by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 1994, 678, 77-84.	1.8	33
87	Purification of icariin from the extract of <i>Epimedium segittatum</i> using high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2002, 962, 239-241.	1.8	33
88	Separation of Apple Catechin Oligomers by CCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 1609-1621.	0.5	33
89	Comprehensive separation of secondary metabolites in natural products by high-speed counter-current chromatography using a three-phase solvent system. <i>Journal of Chromatography A</i> , 2007, 1151, 74-81.	1.8	33
90	Flat-twisted tubing: Novel column design for spiral high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 5265-5271.	1.8	33

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91	Rapid preparative separation of six bioactive compounds from <i>Gentiana crassicaulis</i> Duthie ex Burk. using microwave-assisted extraction coupled with high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2013, 36, 3934-3940.	1.3	33
92	Preparative separation of quaternary ammonium alkaloids from <i>Coptis chinensis</i> Franch by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2014, 1370, 156-161.	1.8	33
93	Isolation of 4-bromo-4,5,6,7-tetrachlorofluorescein from a synthetic mixture by pH-zone-refining counter-current chromatography with continuous pH monitoring. <i>Journal of Chromatography A</i> , 1996, 732, 283-290.	1.8	32
94	Separation and Purification of Phenolic Acids and Myricetin from Black Currant by High-Speed Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 3077-3088.	0.5	32
95	Preparation and Purification of Epigallocatechin by High-Speed Countercurrent Chromatography (HSCCC). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 145-152.	0.5	31
96	Preparative Separation of Indole Alkaloids from the Rind of <i>Picralima nitida</i> (Stapf) T. Durand & H. Durand by pH-Zone-Refining Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 775-783.	0.5	31
97	Preparative separation of isomeric and stereoisomeric dicarboxylic acids by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2007, 1151, 82-90.	1.8	31
98	Horizontal flow-through coil planet centrifuge without rotating seals. <i>Analytical Biochemistry</i> , 1977, 82, 63-68.	1.1	30
99	Centrifugal Precipitation Chromatography: Principle, Apparatus, and Optimization of Key Parameters for Protein Fractionation by Ammonium Sulfate Precipitation. <i>Analytical Biochemistry</i> , 2000, 277, 143-153.	1.1	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. <i>Journal of Chromatography A</i> , 2001, 923, 87-96.	1.8	29
101	Speculation on the Mechanism of Unilateral Hydrodynamic Distribution of Two Immiscible Solvent Phases in the Rotating Coil. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1992, 15, 2639-2675.	0.9	28
102	Affinity Countercurrent Chromatography Using a Ligand in the Stationary Phase. <i>Analytical Chemistry</i> , 1996, 68, 1207-1211.	3.2	28
103	Centrifugal Precipitation Chromatography - a Novel Chromatographic System for Fractionation of Polymeric Pigments from Black Tea and Red Wine. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 1730-1736.	2.4	28
104	Preparative separation of components of the color additive FD&C Red No. 3 (erythrosine) by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 1994, 658, 505-510.	1.8	27
105	Toroidal coil counter-current chromatography. <i>Journal of Chromatography A</i> , 1998, 808, 95-104.	1.8	27
106	New small-scale cross-axis coil planet centrifuge. <i>Journal of Chromatography A</i> , 2006, 1104, 245-255.	1.8	27
107	Application of Preparative High-Speed Countercurrent Chromatography for Separation of Elatine from <i>Delphinium shawurensense</i> . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 3012-3019.	0.5	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. <i>Journal of Chromatography A</i> , 2011, 1218, 8249-8254.	1.8	27

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109	Preparative separation of stereoisomeric 1-methyl-4-methoxymethylcyclohexanecarboxylic acids by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 1994, 685, 253-257.	1.8	26
110	Peptide separation by pH-zone-refining countercurrent chromatography. <i>Journal of Chromatography A</i> , 1997, 771, 81-88.	1.8	26
111	Preparative isolation and purification of calycosin from <i>Astragalus membranaceus</i> Bge. var. <i>mongholicus</i> (Bge.) Hsiao by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2002, 962, 243-247.	1.8	26
112	Preparative isolation and purification of rupestonic acid from the Chinese medicinal plant <i>Artemisia rupestris</i> L. by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2005, 1076, 198-201.	1.8	26
113	Mixer-settler counter-current chromatography with a barricaded spiral disk assembly with glass beads. <i>Journal of Chromatography A</i> , 2007, 1151, 108-114.	1.8	26
114	Isolation and purification of series bioactive components from <i>Hypericum perforatum</i> L. by counter-current chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 480-488.	1.2	26
115	PREPARATIVE ISOLATION AND PURIFICATION OF FOUR FLAVONOIDS FROM <i>DAHPNE GENKWA</i> SIEB. ET ZUCC. BY HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 2360-2372.	0.5	26
116	Therapeutic effects of total steroid saponin extracts from the rhizome of <i>Dioscorea zingiberensis</i> C.H.Wright in Freund's complete adjuvant induced arthritis in rats. <i>International Immunopharmacology</i> , 2014, 23, 407-416.	1.7	26
117	Diosgenin attenuates the brain injury induced by transient focal cerebral ischemia-reperfusion in rats. <i>Steroids</i> , 2016, 113, 103-112.	0.8	26
118	Novel Design for Centrifugal Countercurrent Chromatography: I. Zigzag Toroidal Column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2030-2042.	0.5	25
119	Solvent Selection for Countercurrent Chromatography by Rapid Estimation of Partition Coefficients and Application to Polar Conjugates of p-Nitrophenol. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1984, 7, 275-289.	0.9	24
120	Improved cross-axis synchronous flow-through coil planet centrifuge for performing counter-current chromatography. <i>Journal of Chromatography A</i> , 1989, 463, 305-316.	1.8	24
121	Isolation and Purification of Psoralen and Bergapten from <i>Ficus carica</i> L. Leaves by High-Speed Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 32, 136-143.	0.5	24
122	Preparative separation of di- and trisulfonated components of Quinoline Yellow using affinity-ligand pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 4161-4168.	1.8	24
123	Spiral column configuration for protein separation by high-speed countercurrent chromatography. <i>Chemical Engineering and Processing: Process Intensification</i> , 2010, 49, 782-792.	1.8	24
124	ISOLATION OF FIVE GLYCOSIDES FROM THE BARKS OF <i>ILEX ROTUNDA</i> BY HIGH-SPEED COUNTER-CURRENT CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2363-2376.	0.5	24
125	Chiral ligand exchange high-speed countercurrent chromatography: mechanism and application in enantioseparation of aromatic 1±-hydroxyl acids. <i>Journal of Chromatography A</i> , 2014, 1360, 110-118.	1.8	24
126	Countercurrent Chromatography. <i>Analytical Chemistry</i> , 1971, 43, 69A-75A.	3.2	23

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127	Improved Nonsynchronous Flow-Through Coil Planet Centrifuge without Rotating Seals: Principle and Application. <i>Separation Science and Technology</i> , 1983, 18, 33-48.	1.3	23
128	Toroidal coil counter-current chromatography study of the mass transfer rate of proteins in aqueous-aqueous polymer phase system. <i>Journal of Chromatography A</i> , 1998, 802, 277-283.	1.8	23
129	A new continuous-flow cell separation method based on cell density: Principle, apparatus, and preliminary application to separation of human buffy coat. <i>Journal of Clinical Apheresis</i> , 2001, 16, 186-191.	0.7	23
130	Isolation and Identification of Phenolic Compounds in the Fruit of <i>Benincasa hispida</i> by HSCCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 137-144.	0.5	23
131	Analysis of Components of Neem (<i>Azadirachta indica</i>) Oil by Diverse Chromatographic Techniques. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2225-2233.	0.5	23
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