

# Yoichiro Ito

## List of Publications by Citations

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340  
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9,382  
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#	Paper	IF	Citations
338	Golden rules and pitfalls in selecting optimum conditions for high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2005</b> , 1065, 145-68	4.5	1115
337	High-Speed Countercurrent Chromatography. <i>Critical Reviews in Analytical Chemistry</i> , <b>1986</b> , 17, 65-143	5.2	218
336	Countercurrent chromatography: liquid-liquid partition chromatography without solid support. <i>Science</i> , <b>1970</b> , 167, 281-3	33.3	216
335	Efficient preparative counter-current chromatography with a coil planet centrifuge. <i>Journal of Chromatography A</i> , <b>1981</b> , 214, 122-125	4.5	150
334	Systematic search for suitable two-phase solvent systems for high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1991</b> , 538, 99-108	4.5	142
333	pH-zone-refining countercurrent chromatography. <i>Journal of Chromatography A</i> , <b>1996</b> , 753, 1-36	4.5	141
332	High-speed preparative counter-current chromatography with a coil planet centrifuge. <i>Journal of Chromatography A</i> , <b>1982</b> , 244, 247-258	4.5	137
331	A new preparative-scale purification technique: pH-zone-refining countercurrent chromatography. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 704-708	16.4	125
330	pH-zone-refining counter-current chromatography: origin, mechanism, procedure and applications. <i>Journal of Chromatography A</i> , <b>2013</b> , 1271, 71-85	4.5	90
329	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> , <b>1998</b> , 829, 137-41	4.5	87
328	Analytical separation of tea catechins and food-related polyphenols by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2006</b> , 1112, 195-201	4.5	86
327	Separation and purification of isoflavones from <i>Pueraria lobata</i> by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1999</b> , 855, 709-13	4.5	86
326	Preparative isolation of imperatorin, oxypeucedanin and isoimperatorin from traditional Chinese herb "bai zhi" <i>Angelica dahurica</i> (Fisch. ex Hoffm) Benth. et Hook using multidimensional high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2006</b> , 1115, 112-7	4.5	84
325	Recent advances in counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1991</b> , 538, 3-25	4.5	79
324	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> , <b>1999</b> , 858, 103-7	4.5	74
323	Preparative isolation of osthol and xanthotoxol from Common <i>Cnidium</i> Fruit (Chinese traditional herb) using stepwise elution by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2004</b> , 1033, 373-7	4.5	73
322	Experimental observations of the hydrodynamic behavior of solvent systems in high-speed counter-current chromatography. III. Effects of physical properties of the solvent systems and operating temperature on the distribution of two-phase solvent systems. <i>Journal of Chromatography A</i> , <b>1984</b> , 301, 405-14	4.5	73

321	Separation of antibiotics by counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 812, 35-52	4.5	71
320	Preparative isolation and purification of acteoside and 2Acetyl acteoside from <i>Cistanches salsa</i> (C.A. Mey.) G. Beck by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 912, 181-5	4.5	71
319	Multidimensional counter-current chromatographic system and its application. <i>Journal of Chromatography A</i> , <b>1998</b> , 803, 298-301	4.5	68
318	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> , <b>1999</b> , 835, 231-235	4.5	68
317	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> , <b>2009</b> , 1216, 4313-8	4.5	66
316	Countercurrent chromatography. <i>Journal of Proteomics</i> , <b>1981</b> , 5, 105-29		66
315	Development of countercurrent chromatography. <i>Analytical Chemistry</i> , <b>1984</b> , 56, 534A-554A	7.8	65
314	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> , <b>2001</b> , 919, 443-8	4.5	64
313	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> , <b>2001</b> , 929, 169-73	4.5	61
312	Resolution of gram quantities of racemates by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1995</b> , 704, 75-81	4.5	60
311	High-speed countercurrent chromatography. <i>CRC Critical Reviews in Analytical Chemistry</i> , <b>1986</b> , 17, 65-143		60
310	Separation of tanshinones from <i>Salvia miltiorrhiza</i> Bunge by high-speed counter-current chromatography using stepwise elution. <i>Journal of Chromatography A</i> , <b>2000</b> , 904, 107-11	4.5	58
309	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> , <b>2003</b> , 992, 193-7	4.5	56
308	Separation of tanshinones from <i>Salvia miltiorrhiza</i> bunge by multidimensional counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 945, 281-5	4.5	54
307	Low-speed rotary countercurrent chromatography using a convoluted multilayer helical tube for industrial separation. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 3363-5	7.8	53
306	Studies on a new cross-axis coil planet centrifuge for performing counter-current chromatography. I. Design of the apparatus, retention of the stationary phase, and efficiency in the separation of proteins with polymer phase systems. <i>Journal of Chromatography A</i> , <b>1993</b> , 644, 215-29	4.5	53
305	Experimental observations of the hydrodynamic behavior of solvent systems in high-speed counter-current chromatography. II. Phase distribution diagrams for helical and spiral columns. <i>Journal of Chromatography A</i> , <b>1984</b> , 301, 387-403	4.5	50
304	Separation and purification of isoflavones from a crude soybean extract by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 928, 163-70	4.5	49

303	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> , <b>1987</b> , 22, 1971-1987	2.5	49
302	Separation of salidroside from <i>Rhodiola crenulata</i> by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 971, 237-41	4.5	47
301	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> , <b>2002</b> , 973, 217-20	4.5	47
300	New continuous extraction method with a coil planet centrifuge. <i>Journal of Chromatography A</i> , <b>1981</b> , 207, 161-169	4.5	47
299	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> , <b>2008</b> , 31, 1189-94	3.4	45
298	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> , <b>2005</b> , 34, 131-154	7.3	44
297	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> , <b>2005</b> , 1070, 211-4	4.5	44
296	Preparative separation of isoflavone components in soybeans using high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 923, 271-4	4.5	44
295	Countercurrent chromatography with the flow-through centrifuge without rotating seals. <i>Analytical Biochemistry</i> , <b>1978</b> , 85, 614-7	3.1	43
294	Improved spiral disk assembly for high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2003</b> , 1017, 71-81	4.5	42
293	PH-Zone-refining counter-current chromatography of lappaconitine from <i>Aconitum sinomontanum</i> Nakai I. Separation of prepurified extract. <i>Journal of Chromatography A</i> , <b>2001</b> , 923, 281-5	4.5	42
292	Cross-axis synchronous flow-through coil planet centrifuge (type XLL). I. Design of the apparatus and studies on retention of stationary phase. <i>Journal of Chromatography A</i> , <b>1991</b> , 538, 59-66	4.5	42
291	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> , <b>2003</b> , 26, 1355-1372	1.3	41
290	Preparative isolation and purification of notopterol and isoimperatorin from <i>Notopterygium forbessi</i> Boiss (Chinese traditional medicinal herb) by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2000</b> , 883, 67-73	4.5	41
289	Purification of Food Color Red No. 106 (acid red) using pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 946, 157-62	4.5	40
288	Enantioseparation of mandelic acid derivatives by high performance liquid chromatography with substituted $\beta$ -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> , <b>2004</b> , 812, 11-21	3.2	39
287	Mathematical model of computer-programmed intermittent dual countercurrent chromatography applied to hydrostatic and hydrodynamic equilibrium systems. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 6310-8	4.5	39
286	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> , <b>2002</b> , 943, 219-25	4.5	39

285	Separation of alkaloids by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1994</b> , 685, 259-62	4.5	39
284	Foam Countercurrent Chromatography Based on Dual Counter-Current System. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1985</b> , 8, 2131-2152		39
283	Single-step total fractionation of single-wall carbon nanotubes by countercurrent chromatography. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 3980-4	7.8	38
282	Preparative separation of rhein from Chinese traditional herb by repeated high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2003</b> , 1017, 125-30	4.5	38
281	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> , <b>2005</b> , 1076, 212-5	4.5	38
280	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> , <b>2014</b> , 91, 46-59	3.5	36
279	Fabrication of chiral amino acid ionic liquid modified magnetic multifunctional nanospheres for centrifugal chiral chromatography separation of racemates. <i>Journal of Chromatography A</i> , <b>2015</b> , 1400, 40-6	4.5	36
278	Isolation of high-purity casticin from <i>Artemisia annua</i> L. by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2007</b> , 1151, 180-2	4.5	36
277	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> , <b>2006</b> , 1133, 119-25	4.5	36
276	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> , <b>2011</b> , 34, 987-94	3.4	35
275	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> , <b>2009</b> , 117, 375-380	8.5	35
274	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> , <b>1998</b> , 822, 316-20	4.5	35
273	Separation of peptide derivatives by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1995</b> , 702, 197-206	4.5	35
272	Resolution in Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1985</b> , 8, 2195-2207		35
271	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> , <b>2010</b> , 33, 615-628	1.3	34
270	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> , <b>2000</b> , 23, 2209-2218	1.3	34
269	Protein Separation by Improved Cross-Axis Coil Planet Centrifuge with Eccentric Coil Assemblies. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1996</b> , 19, 415-425	1.3	34
268	Rapid separation of flavonoids by analytical high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1988</b> , 445, 199-206	4.5	34

267	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> , <b>2009</b> , 70, 147-152	8.3	33
266	Separation of alpha-cyclohexylmandelic acid enantiomers using biphasic chiral recognition high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 3044-52	4.5	33
265	Mixer-settler counter-current chromatography with multiple spiral disk assembly. <i>Journal of Chromatography A</i> , <b>2007</b> , 1172, 151-9	4.5	33
264	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> , <b>2006</b> , 29, 733-750	1.3	33
263	Flat-twisted tubing: novel column design for spiral high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 5265-71	4.5	32
262	Separation of lac dye components by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 813, 71-7	4.5	32
261	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> , <b>2007</b> , 1151, 45-50	4.5	32
260	Separation of rare earth elements by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1991</b> , 538, 133-40	4.5	32
259	New micro liquid-liquid partition techniques with the coil planet centrifuge. <i>Analytical Chemistry</i> , <b>1969</b> , 41, 1579-84	7.8	32
258	<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> , <b>2018</b> , 220, 283-293	5	31
257	Purification of icariin from the extract of <i>Epimedium segittatum</i> using high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 962, 239-41	4.5	31
256	Isolation of 4Bromo-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> , <b>1996</b> , 732, 283-90	4.5	31
255	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> , <b>2011</b> , 1218, 8715-7	4.5	30
254	Comparative Study on Separation and Purification of Isoflavones from the Seeds and Sprouts of Chickpea by HSCCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2009</b> , 32, 2879-2892	1.3	30
253	Preparative separation of isomeric and stereoisomeric dicarboxylic acids by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2007</b> , 1151, 82-90	4.5	30
252	Horizontal flow-through coil planet centrifuge without rotating seals. <i>Analytical Biochemistry</i> , <b>1977</b> , 82, 63-8	3.1	30
251	Separation of Apple Catechin Oligomers by CCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2003</b> , 26, 1609-1621	1.3	29
250	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> , <b>2001</b> , 923, 87-96	4.5	29

249	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> , <b>1994</b> , 678, 77-84	4.5	29
248	Improved high-speed counter-current chromatograph with three multilayer coils connected in series. I. Design of the apparatus and performance of semipreparative columns in 2,4-dinitrophenyl amino acid separation. <i>Journal of Chromatography A</i> , <b>1989</b> , 475, 219-27	4.5	29
247	Potential neuroprotection of protodioscin against cerebral ischemia-reperfusion injury in rats through intervening inflammation and apoptosis. <i>Steroids</i> , <b>2016</b> , 113, 52-63	2.8	28
246	Preparation and Purification of Epigallocatechin by High-Speed Countercurrent Chromatography (HSCCC). <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2004</b> , 27, 145-152	1.3	28
245	Centrifugal precipitation chromatography: principle, apparatus, and optimization of key parameters for protein fractionation by ammonium sulfate precipitation. <i>Analytical Biochemistry</i> , <b>2000</b> , 277, 143-53	3.1	28
244	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> , <b>2011</b> , 1218, 8249-54	4.5	27
243	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> , <b>2007</b> , 1151, 74-81	4.5	27
242	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> , <b>1994</b> , 658, 505-510	4.5	27
241	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> , <b>2013</b> , 36, 3934-40	3.4	26
240	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> , <b>2009</b> , 32, 3077-3088	1.3	26
239	APPLICATION OF PREPARATIVE HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY FOR SEPARATION OF ELATINE FROM DELPHINIUM SHAWURENSE. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2008</b> , 31, 3012-3019	1.3	26
238	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> , <b>2005</b> , 28, 775-783	1.3	26
237	Affinity countercurrent chromatography using a ligand in the stationary phase. <i>Analytical Chemistry</i> , <b>1996</b> , 68, 1207-11	7.8	26
236	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> , <b>1992</b> , 15, 2639-2675		26
235	Peptide separation by pH-zone-refining countercurrent chromatography. <i>Journal of Chromatography A</i> , <b>1997</b> , 771, 81-8	4.5	25
234	New small-scale cross-axis coil planet centrifuge. The design of the apparatus and its application to counter-current chromatographic separation of proteins with aqueous-aqueous polymer phase systems. <i>Journal of Chromatography A</i> , <b>2006</b> , 1104, 245-55	4.5	25
233	Preparative separation of stereoisomeric 1-methyl-4-methoxymethylcyclohexanecarboxylic acids by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , <b>1994</b> , 685, 253-7	4.5	25
232	Toroidal coil counter-current chromatography. Achievement of high resolution by optimizing flow-rate, rotation speed, sample volume and tube length. <i>Journal of Chromatography A</i> , <b>1998</b> , 808, 95-104	4.5	24

- 231 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, 243-7 4.5 24
- 230 Centrifugal precipitation chromatography -- a novel chromatographic system for fractionation of polymeric pigments from black tea and red wine. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 1730-6 5.7 24
- 229 Improved cross-axis synchronous flow-through coil planet centrifuge for performing counter-current chromatography. I. Design of the apparatus and analysis of acceleration. *Journal of Chromatography A*, **1989**, 463, 305-16 4.5 24
- 228 Preparative separation of quaternary ammonium alkaloids from *Coptis chinensis* Franch by pH-zone-refining counter-current chromatography. *Journal of Chromatography A*, **2014**, 1370, 156-61 4.5 23
- 227 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, 4161-8 4.5 23
- 226 Mixer-settler counter-current chromatography with a barricaded spiral disk assembly with glass beads. *Journal of Chromatography A*, **2007**, 1151, 108-14 4.5 23
- 225 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 4.5 23
- 224 Improved Nonsynchronous Flow-Through Coil Planet Centrifuge without Rotating Seals: Principle and Application. *Separation Science and Technology*, **1983**, 18, 33-48 2.5 23
- 223 ISOLATION OF GLYCOSIDES FROM THE BARKS OF BY HIGH-SPEED COUNTER-CURRENT CHROMATOGRAPHY. *Journal of Liquid Chromatography and Related Technologies*, **2014**, 37, 2363-2376 1.3 22
- 222 Novel Design for Centrifugal Countercurrent Chromatography: I. Zigzag Toroidal Column. *Journal of Liquid Chromatography and Related Technologies*, **2009**, 32, 2030-2042 1.3 22
- 221 Spiral column configuration for protein separation by high-speed countercurrent chromatography. *Chemical Engineering and Processing: Process Intensification*, **2010**, 49, 782-792 3.7 22
- 220 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 22
- 219 Stationary phase retention and preliminary application of a spiral disk assembly designed for high-speed counter-current chromatography. *Journal of Chromatography A*, **2008**, 1188, 164-70 4.5 21
- 218 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, 186-91<sup>3,2</sup> 21
- 217 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, 407-16 5.8 20
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