

Sheng-Qiang Tong

List of Publications by Year in descending order

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967
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Enantiomeric separation of (R, S)-naproxen by recycling high speed counter-current chromatography with hydroxypropyl- β -cyclodextrin as chiral selector. <i>Journal of Chromatography A</i> , 2011, 1218, 5434-5440.	1.8	77
2	Preparative isolation and purification of germacrone and curdione from the essential oil of the rhizomes of <i>Curcuma wenyujin</i> by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2005, 1070, 207-210.	1.8	67
3	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
4	Enantioseparation of phenylsuccinic acid by high speed counter-current chromatography using hydroxypropyl- β -cyclodextrin as chiral selector. <i>Journal of Chromatography A</i> , 2011, 1218, 5602-5608.	1.8	45
5	Separation of β -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
6	Application and comparison of high performance liquid chromatography and high speed counter-current chromatography in enantioseparation of (\pm)-2-phenylpropionic acid. <i>Journal of Chromatography A</i> , 2013, 1281, 79-86.	1.8	36
7	Enantioseparation of chiral aromatic acids by multiple dual mode counter-current chromatography using hydroxypropyl- β -cyclodextrin as chiral selector. <i>Journal of Separation Science</i> , 2013, 36, 2035-2042.	1.3	32
8	Preparative separation of isomeric caffeoylquinic acids from <i>Flos Lonicerae</i> by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2008, 1212, 48-53.	1.8	31
9	Preparative isolation and purification of harpagoside from <i>Scrophularia ningpoensis</i> hemsley by high-speed counter-current chromatography. <i>Phytochemical Analysis</i> , 2006, 17, 406-408.	1.2	26
10	Enantioseparation of 2-(substituted phenyl)propanoic acids by high-speed countercurrent chromatography and investigation of the influence of substituents in enantiorecognition. <i>Journal of Separation Science</i> , 2016, 39, 1567-1573.	1.3	26
11	Anti-Proliferative and Apoptosis-Inducing Effects of Camptothecin-20(s)-O-(2-pyrazolyl-1)acetic Ester in Human Breast Tumor MCF-7 Cells. <i>Molecules</i> , 2014, 19, 4941-4955.	1.7	25
12	Chiral ligand exchange high-speed countercurrent chromatography: mechanism and application in enantioseparation of aromatic β -hydroxyl acids. <i>Journal of Chromatography A</i> , 2014, 1360, 110-118.	1.8	24
13	Large-scale separation of hydroxyanthraquinones from <i>Rheum palmatum</i> L. by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2007, 1176, 163-168.	1.8	23
14	Large-scale separation of baicalin and wogonoside from <i>Scutellaria baicalensis</i> Georgi by the combination of pH-zone-refining and conventional counter-current chromatography. <i>Journal of Chromatography A</i> , 2019, 1601, 266-273.	1.8	21
15	Preparative enantioseparation of β -blocker drugs by counter-current chromatography using dialkyl l-tartrate as chiral selector based on borate coordination complex. <i>Journal of Chromatography A</i> , 2012, 1263, 74-83.	1.8	20
16	Stereoselective separation of (<i>S</i> , <i>S</i>)-sertraline from medicinal reaction mixtures by countercurrent chromatography with hydroxypropyl- β -cyclodextrin as stereoselective selector. <i>Journal of Separation Science</i> , 2019, 42, 2734-2742.	1.3	18
17	Synthesis and Biological Activity of Some Bile Acid-Based Camptothecin Analogues. <i>Molecules</i> , 2014, 19, 3761-3776.	1.7	17
18	Separation of Catalpol from <i>Rehmannia glutinosa</i> Libosch. by High-Speed Countercurrent Chromatography. <i>Journal of Chromatographic Science</i> , 2015, 53, 725-729.	0.7	17

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19	Analytical Enantioseparation of β^2 -Substituted-2-Phenylpropionic Acids by High-Performance Liquid Chromatography with Hydroxypropyl- β^2 -Cyclodextrin as Chiral Mobile Phase Additive. <i>Journal of Chromatographic Science</i> , 2016, 54, 593-597.	0.7	17
20	Enantioseparation of dl -tryptophan by spiral tube assembly counter-current chromatography and evaluation of mass transfer rate for enantiomers. <i>Journal of Chromatography A</i> , 2014, 1374, 77-84.	1.8	16
21	Application and Comparison of High-Speed Countercurrent Chromatography and High Performance Liquid Chromatography in Preparative Enantioseparation of β^1 -Substitution Mandelic Acids. <i>Separation Science and Technology</i> , 2015, 50, 735-743.	1.3	16
22	Separation of pyridine derivatives from synthetic mixtures by pH-zone-refining counter-current chromatography. <i>Journal of Separation Science</i> , 2007, 30, 1899-1904.	1.3	15
23	Preparative Enantioseparation of β^2 -Substituted-2-Phenylpropionic Acids by Countercurrent Chromatography With Substituted β^2 -Cyclodextrin as Chiral Selectors. <i>Chirality</i> , 2015, 27, 795-801.	1.3	13
24	Preparative enantioseparation of loxoprofen precursor by recycling countercurrent chromatography with hydroxypropyl- β^2 -cyclodextrin as a chiral selector. <i>Journal of Separation Science</i> , 2018, 41, 2828-2836.	1.3	13
25	Off-line comprehensive two-dimensional reversed-phase countercurrent chromatography with high-performance liquid chromatography: Orthogonality in separation of <i>Polygonum cuspidatum</i> Sieb. et Zucc. <i>Journal of Separation Science</i> , 2020, 43, 561-568.	1.3	13
26	Enantioseparation of acetyltropic acid by countercurrent chromatography with sulfobutyl ether- β^2 -cyclodextrin as chiral selector. <i>Journal of Separation Science</i> , 2020, 43, 681-688.	1.3	12
27	Elution-extrusion counter-current chromatography for the separation of two pairs of isomeric monoterpenes from <i>Paeoniae Alba Radix</i> . <i>Journal of Separation Science</i> , 2015, 38, 3110-3118.	1.3	11
28	Chiral ligand exchange countercurrent chromatography: Equilibrium model study on enantioseparation of mandelic acid. <i>Journal of Chromatography A</i> , 2016, 1447, 115-121.	1.8	11
29	Enantioseparation of 3-phenyllactic acid by chiral ligand exchange countercurrent chromatography. <i>Journal of Separation Science</i> , 2017, 40, 1834-1842.	1.3	10
30	Stereoselective separation of racemic trans-paroxol, N-methylparoxetine and paroxetine containing two chiral carbon centres by countercurrent chromatography. <i>Journal of Chromatography A</i> , 2018, 1570, 99-108.	1.8	10
31	Liquid-liquid chromatography in enantioseparations. <i>Journal of Chromatography A</i> , 2020, 1626, 461345.	1.8	10
32	Silver ion coordination countercurrent chromatography: Separation of β^2 -elemene from the volatile oil of <i>Curcumae Rhizoma</i> . <i>Journal of Separation Science</i> , 2017, 40, 3740-3747.	1.3	9
33	Chiral ligand exchange countercurrent chromatography: Enantioseparation of amino acids. <i>Journal of Separation Science</i> , 2018, 41, 1479-1488.	1.3	9
34	An Off-Line DPPH-GC-MS Coupling Countercurrent Chromatography Method for Screening, Identification, and Separation of Antioxidant Compounds in Essential Oil. <i>Antioxidants</i> , 2020, 9, 702.	2.2	9
35	An efficient high-speed countercurrent chromatography method for preparative isolation of highly potent anti-cancer compound antroquinol from <i>Antrodia camphorata</i> after experimental design optimized extraction. <i>Journal of Separation Science</i> , 2021, 44, 2655-2662.	1.3	9
36	Preparative Separation of Phenylpropanoid Glycoside from <i>Scrophularia ningpoensis</i> Hemsley by High Speed Countercurrent Chromatography and ESI-MS n Analysis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2322-2333.	0.5	8

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37	Selective isolation of components from natural volatile oil by countercurrent chromatography with cyclodextrins as selective reagent. <i>Journal of Chromatography A</i> , 2016, 1444, 99-105.	1.8	8
38	pH-zone-refining elution-extrusion countercurrent chromatography: Separation of hydroxyanthraquinones from <i>Cassiae semen</i> . <i>Journal of Separation Science</i> , 2017, 40, 4281-4288.	1.3	8
39	Stereoselective separation of β -adrenergic blocking agents containing two chiral centers by countercurrent chromatography. <i>Journal of Chromatography A</i> , 2017, 1513, 235-244.	1.8	8
40	Preparative separation of structural isomeric pentacyclic triterpene oleanolic acid and ursolic acid from natural products by pH-zone-refining countercurrent chromatography. <i>RSC Advances</i> , 2019, 9, 38860-38866.	1.7	8
41	Stereoselective separation of isomeric sertraline with analytical countercurrent chromatography. <i>Journal of Chromatography A</i> , 2020, 1617, 460834.	1.8	8
42	Liquid-liquid chromatography in sample pretreatment for quantitative analysis of trace component in traditional Chinese medicines by conventional liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1619, 460917.	1.8	8
43	Liquid chromatographic and liquid-liquid chromatographic separation of structural isomeric oleanolic acid and ursolic acid using hydroxypropyl- β -cyclodextrin as additive. <i>Journal of Chromatography A</i> , 2020, 1625, 461332.	1.8	8
44	Recent progress in separation prediction of counter-current chromatography. <i>Journal of Separation Science</i> , 2021, 44, 6-16.	1.3	8
45	Application of pH-zone-refining countercurrent chromatography in the chiral separation of two β -adrenergic blocking agents. <i>Journal of Separation Science</i> , 2018, 41, 1433-1441.	1.3	7
46	Enantioseparation of three isomeric \pm -(chlorophenyl)propanoic acid by countercurrent chromatography and investigation of chlorine substituent through characterization of inclusion interaction. <i>Journal of Chromatography A</i> , 2019, 1604, 460471.	1.8	7
47	Enantioseparation of ondansetron by countercurrent chromatography using sulfobutyl ether- β -cyclodextrin as chiral selector. <i>Journal of Separation Science</i> , 2021, 44, 922-930.	1.3	7
48	Preparative enantioseparation of propafenone by counter-current chromatography using di-n-butyl l-tartrate combined with boric acid as the chiral selector. <i>Journal of Separation Science</i> , 2013, 36, 3101-3106.	1.3	6
49	Modeling the retention mechanism for high-performance liquid chromatography with a chiral ligand mobile phase and enantioseparation of mandelic acid derivatives. <i>Journal of Separation Science</i> , 2015, 38, 2085-2092.	1.3	6
50	Preparative separation of gypenoside XVII, ginsenoside Rd2, and notoginsenosides Fe and Fd from <i>Panax notoginseng</i> leaves by countercurrent chromatography and orthogonality evaluation for their separation. <i>Journal of Separation Science</i> , 2021, 44, 2996-3003.	1.3	6
51	Enantioseparation of five racemic N-alkyl drugs by reverse phase HPLC using sulfobutylether- β -cyclodextrin as a chiral mobile phase additive. <i>Journal of Separation Science</i> , 2022, 45, 1847-1855.	1.3	6
52	Separation and purification of intermediates for the preparation of naproxen from synthetic mixtures by countercurrent chromatography. <i>Journal of Separation Science</i> , 2018, 41, 3003-3008.	1.3	5
53	Spectral study on inclusion interaction and enantio-recognition of 2-aryl carboxylic acids with hydroxypropyl- β -cyclodextrin. <i>Chirality</i> , 2020, 32, 1257-1263.	1.3	5
54	Retention mechanism of pH-peak-focusing in countercurrent chromatographic separation of baicalin and wogonoside from <i>Scutellaria baicalensis</i> . <i>Georgi. Journal of Separation Science</i> , 2020, 43, 3806-3815.	1.3	5

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55	Liquid chromatographic study of two structural isomeric pentacyclic triterpenes on reversed-phase stationary phase with hydroxypropyl- β -cyclodextrin as mobile phase additive. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114420.	1.4	5
56	A simple and sensitive preconcentration strategy by coupling salting-out assisted liquid-liquid extraction with online three-step stacking for the determination of potent anti-tumour compound vinblastine and its precursor in biological samples by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2022, 1664, 462794.	1.8	5
57	Solvent strength of aqueous phase for two typical biphasic solvent systems in high-speed countercurrent chromatography. <i>Journal of Chromatography A</i> , 2022, 1663, 462767.	1.8	5
58	Separation of epimeric aromatic acid (α -menthol esters by countercurrent chromatography using hydroxypropyl- β -cyclodextrin as an additive. <i>Journal of Separation Science</i> , 2017, 40, 2045-2053.	1.3	4
59	Orthogonality in the selection of biphasic solvent systems for off-line two-dimensional countercurrent chromatography from <i>Polygonum cuspidatum</i> Sieb. et Zucc. <i>Journal of Chromatography A</i> , 2020, 1634, 461666.	1.8	4
60	Chromatographic study of four sesquiterpenoids in volatile oil of <i>Curcuma Rhizoma</i> on reverse phase stationary phase with methyl- β -cyclodextrin as mobile additive. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 508-515.	0.5	4
61	Enantioseparation of 2-(4-chlorophenyl)succinic acid by countercurrent chromatography and investigation of injection volume on resolution. <i>Journal of Separation Science</i> , 2021, 44, 752-758.	1.3	3
62	Enantioseparation of three constitutional isomeric 2-(methylphenyl)propanoic acids by countercurrent chromatography. <i>Journal of Chromatography A</i> , 2021, 1637, 461804.	1.8	3
63	Preparative separation of structural isomeric pentacyclic triterpenes from <i>Eriobotrya japonica</i> (Thunb.) leaves by high speed countercurrent chromatography with hydroxypropyl- β -cyclodextrin as additive. <i>Journal of Chromatography A</i> , 2021, 1646, 462066.	1.8	3
64	Enantioseparation of <i>N</i> -methyl duloxetine, duloxetine, and fluoxetine by countercurrent chromatography using anionic β -cyclodextrin as chiral selector. <i>Journal of Separation Science</i> , 2022, 45, 3022-3030.	1.3	3
65	Preparative separation of bioactive polyphenol resveratrol from <i>Polygonum cuspidatum</i> Sieb. et Zucc. by pH-zone-refining countercurrent chromatography. <i>Separation Science Plus</i> , 2019, 2, 100-107.	0.3	1
66	Application of liquid-liquid chromatography as a sample pretreatment method for quantitative analysis of synephrine in <i>Fructus aurantii immaturus</i> . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2021, 44, 189-196.	0.5	1
67	Chiral Separations by Countercurrent Chromatography. <i>Methods in Molecular Biology</i> , 2019, 1985, 321-337.	0.4	0