

Xue-Li Cao

List of Publications by Year in descending order

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45
papers

1,122
citations

394421

19
h-index

414414

32
g-index

46
all docs

46
docs citations

46
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercritical fluid extraction of grape seed oil and subsequent separation of free fatty acids by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2003, 1021, 117-124.	3.7	140
2	Determination of triclosan, triclocarban and methyl-triclosan in aqueous samples by dispersive liquid-liquid microextraction combined with rapid liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 3038-3043.	3.7	96
3	Determination of chlorophenols in honey samples using in-situ ionic liquid-dispersive liquid-liquid microextraction as a pretreatment method followed by high-performance liquid chromatography. <i>Food Chemistry</i> , 2015, 174, 446-451.	8.2	83
4	Separation and identification of polyphenols in apple pomace by high-speed counter-current chromatography and high-performance liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4268-4274.	3.7	80
5	Untargeted metabolomics coupled with chemometrics approach for Xinyang Maojian green tea with cultivar, elevation and processing variations. <i>Food Chemistry</i> , 2021, 352, 129359.	8.2	53
6	Determination of <i>Alternaria</i> mycotoxins in wine and juice using ionic liquid modified countercurrent chromatography as a pretreatment method followed by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1436, 133-140.	3.7	52
7	Selective microextraction of polycyclic aromatic hydrocarbons using a hydrophobic deep eutectic solvent composed with an iron oxide-based nanoferrofluid. <i>Mikrochimica Acta</i> , 2019, 186, 560.	5.0	34
8	A novel methodology for real-time identification of the botanical origins and adulteration of honey by rapid evaporative ionization mass spectrometry. <i>Food Control</i> , 2019, 106, 106753.	5.5	33
9	Intercalation assembly of kojic acid into Zn-Ti layered double hydroxide with antibacterial and whitening performances. <i>Chinese Chemical Letters</i> , 2019, 30, 919-923.	9.0	33
10	A priori design of new natural deep eutectic solvent for lutein recovery from microalgae. <i>Food Chemistry</i> , 2022, 376, 131930.	8.2	32
11	Preparation and Purification of Epigallocatechin by High-Speed Countercurrent Chromatography (HSCCC). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 145-152.	1.0	31
12	Purification of coenzyme Q10 from fermentation extract: High-speed counter-current chromatography versus silica gel column chromatography. <i>Journal of Chromatography A</i> , 2006, 1127, 92-96.	3.7	30
13	Mixer-settler counter-current chromatography with a barricaded spiral disk assembly with glass beads. <i>Journal of Chromatography A</i> , 2007, 1151, 108-114.	3.7	26
14	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.	2.3	26
15	A novel antimicrobial composite: ZnAl-hydroxycalcite with <i>p</i> -hydroxybenzoic acid intercalation and its possible application as a food packaging material. <i>New Journal of Chemistry</i> , 2019, 43, 19408-19414.	2.8	25
16	A Theoretical Study on Terpene-Based Natural Deep Eutectic Solvent: Relationship between Viscosity and Hydrogen Bonding Interactions. <i>Global Challenges</i> , 2021, 5, 2000103.	3.6	24
17	Stationary phase retention and preliminary application of a spiral disk assembly designed for high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2008, 1188, 164-170.	3.7	23
18	Application of High-Speed Countercurrent Chromatography to the Separation of Black Tea Theaflavins. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 1893-1902.	1.0	20

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19	Temperature-controlled ionic liquid dispersive liquid phase microextraction combined with ultra-high-pressure liquid chromatography for the rapid determination of triclosan, triclocarban and methyl-triclosan in aqueous samples. <i>Science China Chemistry</i> , 2010, 53, 2600-2607.	8.2	19
20	New deep eutectic solvent based superparamagnetic nanofluid for determination of perfluoroalkyl substances in edible oils. <i>Talanta</i> , 2021, 228, 122214.	5.5	19
21	Separation of Aloins A and B from Aloe Vera Exudates by High Speed Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 1657-1668.	1.0	18
22	Isolation of anti-tumor compounds from the stem bark of <i>Zanthoxylum ailanthoides</i> Sieb. & Zucc. by silica gel column and counter-current chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 929, 6-10.	2.3	17
23	Optimization extraction and purification of biological activity curcumin from <i>Curcuma longa</i> L by high-performance counter-current chromatography. <i>Journal of Separation Science</i> , 2020, 43, 1586-1592.	2.5	16
24	Direct screening of G-quadruplex ligands from <i>Kalopanax septemlobus</i> (Thunb.) Koidz extract by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 6433-6438.	3.7	15
25	Selective adsorption behaviours of MOFs@SiO ₂ with different pore sizes and shell thicknesses. <i>Journal of Solid State Chemistry</i> , 2020, 292, 121693.	2.9	14
26	Terpenoid-capric acid based natural deep eutectic solvent: Insight into the nature of low viscosity. <i>Cleaner Engineering and Technology</i> , 2021, 3, 100116.	4.0	14
27	A biphasic system based on guanidinium ionic liquid: Preparative separation of eicosapentaenoic acid ethyl ester and docosahexaenoic acid ethyl ester by countercurrent chromatography. <i>Journal of Chromatography A</i> , 2020, 1618, 460872.	3.7	13
28	Development and evaluation of a spiral tube column for counter-current chromatography. <i>Journal of Separation Science</i> , 2011, 34, 2611-2617.	2.5	12
29	Determination of chlorophenols in red wine using ionic liquid countercurrent chromatography as a new pretreatment method followed by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2015, 38, 2109-2116.	2.5	12
30	Application of counter-current chromatography as a new pretreatment method for the determination of polycyclic aromatic hydrocarbons in environmental water. <i>Journal of Separation Science</i> , 2012, 35, 596-601.	2.5	11
31	Separation of high-purity eicosapentaenoic acid and docosahexaenoic acid from fish oil by pH-zone-refining countercurrent chromatography. <i>Journal of Separation Science</i> , 2019, 42, 2569-2577.	2.5	11
32	Separation and purification of lanosterol, dihydrolanosterol, and cholesterol from lanolin by high-performance counter-current chromatography dual-mode elution method. <i>Journal of Separation Science</i> , 2019, 42, 2171-2178.	2.5	11
33	New natural deep eutectic solvents based on aromatic organic acids. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 713-719.	4.7	11
34	Preparative separation of high-purity trans- and cis-ferulic acid from wheat bran by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2021, 1636, 461772.	3.7	10
35	Preparative Separation of a Minor Active Chromone from Aloe vera Leaves by CCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2005-2016.	1.0	9
36	Preparative and scaled-up separation of high-purity linolenic acid from perilla seed oil by conventional and pH-zone refining counter-current chromatography. <i>Journal of Separation Science</i> , 2019, 42, 2360-2370.	2.5	8

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37	Ionic liquidâ€modified countercurrent chromatographic isolation of highâ€purity delphinidinâ€rutinoside from eggplant peel. <i>Journal of Food Science</i> , 2020, 85, 1132-1139.	3.1	8
38	Chicoric acid encapsulated within ferritin inhibits tau phosphorylation by regulating AMPK and GluT1 signaling cascade. <i>Journal of Functional Foods</i> , 2021, 86, 104681.	3.4	8
39	Separation of the potential G-quadruplex ligands from the butanol extract of <i>Zanthoxylum ailanthoides</i> Sieb. & Zucc. by countercurrent chromatography and preparative high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1507, 104-114.	3.7	6
40	PREPARATIVE SEPARATION OF LUVANGETIN FROM <i>ZANTHOXYLUM AILANTHOIDES</i> SIEB. & ZUCC. BY CENTRIFUGAL PARTITION CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1819-1826.	1.0	4
41	Why do ammonium salt/phenol-based deep eutectic solvents show low viscosity?. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103512.	4.9	4
42	Purification and activity research of hypoglycemic components from the extract of mulberry (<i>Morus alba</i> L.) leaves. <i>Separation Science Plus</i> , 2018, 1, 520-525.	0.6	3
43	Efficient separation of tocopherol homologues in vegetable oil by ionicâ€based countercurrent chromatography using a nonâ€aqueous biphasic system. <i>Journal of Separation Science</i> , 2020, 43, 970-977.	2.5	2
44	Overview of Solvent System Selection Strategies for Countercurrent Chromatography. <i>Separation and Purification Reviews</i> , 2023, 52, 305-325.	5.5	2
45	ISOLATION AND CHARACTERIZATION OF FUROHYPERFORIN FROM <i>HYPERICUM PERFORATUM</i> L. BY HIGH-SPEED COUNTERCURRENT CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2558-2566.	1.0	0