

# Xue-Li Cao

## List of Publications by Year in descending order

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45  
papers

1,122  
citations

394421

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414414

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46  
all docs

46  
docs citations

46  
times ranked

1286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of Solvent System Selection Strategies for Countercurrent Chromatography. Separation and Purification Reviews, 2023, 52, 305-325.	5.5	2
2	Why do ammonium salt/phenol-based deep eutectic solvents show low viscosity?. Arabian Journal of Chemistry, 2022, 15, 103512.	4.9	4
3	A priori design of new natural deep eutectic solvent for lutein recovery from microalgae. Food Chemistry, 2022, 376, 131930.	8.2	32
4	Preparative separation of high-purity trans- and cis-ferulic acid from wheat bran by pH-zone-refining counter-current chromatography. Journal of Chromatography A, 2021, 1636, 461772.	3.7	10
5	A Theoretical Study on Terpene-Based Natural Deep Eutectic Solvent: Relationship between Viscosity and Hydrogen-Bonding Interactions. Global Challenges, 2021, 5, 2000103.	3.6	24
6	New deep eutectic solvent based superparamagnetic nanofluid for determination of perfluoroalkyl substances in edible oils. Talanta, 2021, 228, 122214.	5.5	19
7	Terpenoid-capric acid based natural deep eutectic solvent: Insight into the nature of low viscosity. Cleaner Engineering and Technology, 2021, 3, 100116.	4.0	14
8	Untargeted metabolomics coupled with chemometrics approach for Xinyang Maojian green tea with cultivar, elevation and processing variations. Food Chemistry, 2021, 352, 129359.	8.2	53
9	Chicoric acid encapsulated within ferritin inhibits tau phosphorylation by regulating AMPK and GluT1 signaling cascade. Journal of Functional Foods, 2021, 86, 104681.	3.4	8
10	New natural deep eutectic solvents based on aromatic organic acids. Green Chemistry Letters and Reviews, 2021, 14, 713-719.	4.7	11
11	A biphasic system based on guanidinium ionic liquid: Preparative separation of eicosapentaenoic acid ethyl ester and docosahexaenoic acid ethyl ester by countercurrent chromatography. Journal of Chromatography A, 2020, 1618, 460872.	3.7	13
12	Efficient separation of tocopherol homologues in vegetable oil by ionic-liquid-based countercurrent chromatography using a non-aqueous biphasic system. Journal of Separation Science, 2020, 43, 970-977.	2.5	2
13	Selective adsorption behaviours of MOFs@SiO <sub>2</sub> with different pore sizes and shell thicknesses. Journal of Solid State Chemistry, 2020, 292, 121693.	2.9	14
14	Ionic liquid-modified countercurrent chromatographic isolation of high-purity delphinidin-3-rutinoside from eggplant peel. Journal of Food Science, 2020, 85, 1132-1139.	3.1	8
15	Optimization extraction and purification of biological activity curcumin from <i>Curcuma longa</i> L by high-performance counter-current chromatography. Journal of Separation Science, 2020, 43, 1586-1592.	2.5	16
16	Selective microextraction of polycyclic aromatic hydrocarbons using a hydrophobic deep eutectic solvent composed with an iron oxide-based nanofluid. Mikrochimica Acta, 2019, 186, 560.	5.0	34
17	A novel methodology for real-time identification of the botanical origins and adulteration of honey by rapid evaporative ionization mass spectrometry. Food Control, 2019, 106, 106753.	5.5	33
18	Separation of high-purity eicosapentaenoic acid and docosahexaenoic acid from fish oil by pH-zone-refining countercurrent chromatography. Journal of Separation Science, 2019, 42, 2569-2577.	2.5	11

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19	Preparative and scaled-up separation of high-purity $\gamma$ -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
20	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
21	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
22	A novel antimicrobial composite: ZnAl-hydroxalite 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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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