

# Yanbin Lu

## List of Publications by Year in descending order

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43  
papers

1,176  
citations

331670

21  
h-index

395702

33  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic liquid-based microwave-assisted extraction of phenolic alkaloids from the medicinal plant <i>Nelumbo nucifera</i> Gaertn.. <i>Journal of Chromatography A</i> , 2008, 1208, 42-46.	3.7	151
2	Screening of Complex Natural Extracts by Countercurrent Chromatography Using a Parallel Protocol. <i>Analytical Chemistry</i> , 2009, 81, 4048-4059.	6.5	56
3	Analysis of trace levels of sulfonamides in fish tissue using micro-scale pipette tip-matrix solid-phase dispersion and fast liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 194, 508-515.	8.2	54
4	Effective two-dimensional counter-current chromatographic method for simultaneous isolation and purification of oridonin and ponidicin from the crude extract of <i>Rabdosia rubescens</i> . <i>Journal of Chromatography A</i> , 2007, 1146, 125-130.	3.7	52
5	Development of an on-line matrix solid-phase dispersion/fast liquid chromatography/tandem mass spectrometry system for the rapid and simultaneous determination of 13 sulfonamides in grass carp tissues. <i>Journal of Chromatography A</i> , 2011, 1218, 929-937.	3.7	50
6	Optimization and kinetic modeling of ultrasonic-assisted extraction of fucoxanthin from edible brown algae <i>Sargassum fusiforme</i> using green solvents. <i>Ultrasonics Sonochemistry</i> , 2021, 77, 105671.	8.2	49
7	Application of graphene-based solid-phase extraction for ultra-fast determination of malachite green and its metabolite in fish tissues. <i>Food Chemistry</i> , 2013, 141, 1383-1389.	8.2	48
8	Two-dimensional counter-current chromatography for the preparative separation of prenylflavonoids from <i>Artocarpus altilis</i> . <i>Journal of Chromatography A</i> , 2007, 1151, 31-36.	3.7	46
9	Recent Progress in Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 649-679.	1.0	45
10	Rapid determination of caffeoylquinic acid derivatives in <i>Cynara scolymus</i> L. by ultra-fast liquid chromatography/tandem mass spectrometry based on a fused core C18 column. <i>Journal of Separation Science</i> , 2010, 33, 3152-3158.	2.5	43
11	Rapid screening of bioactive components from <i>Zingiber cassumunar</i> using elution-extrusion counter-current chromatography. <i>Journal of Chromatography A</i> , 2008, 1181, 33-44.	3.7	42
12	An effective high-speed countercurrent chromatographic method for preparative isolation and purification of mollugin directly from the ethanol extract of the Chinese medicinal plant <i>Rubia cordifolia</i> . <i>Journal of Separation Science</i> , 2007, 30, 1313-1317.	2.5	36
13	Multi-walled carbon nanotubes as solid-phase extraction adsorbent for the ultra-fast determination of chloramphenicol in egg, honey, and milk by fused-core C18-based high-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1819-1826.	3.7	36
14	Integrated Countercurrent Extraction of Natural Products: A Combination of Liquid and Solid Supports. <i>Analytical Chemistry</i> , 2010, 82, 3081-3085.	6.5	33
15	Deep Eutectic Solvents Based Ultrasonic Extraction of Polysaccharides from Edible Brown Seaweed <i>Sargassum horneri</i> . <i>Journal of Marine Science and Engineering</i> , 2020, 8, 440.	2.6	33
16	Using the liquid nature of the stationary phase in counter-current chromatography. <i>Journal of Chromatography A</i> , 2008, 1189, 10-18.	3.7	29
17	Rapid and preparative separation of traditional Chinese medicine <i>Evodia rutaecarpa</i> employing elution-extrusion and back-extrusion counter-current chromatography: Comparative study. <i>Journal of Chromatography A</i> , 2009, 1216, 4140-4146.	3.7	29
18	Multiwalled Carbon Nanotubes as Sorbent for Online Solid-Phase Extraction of Resveratrol in Red Wines Prior to Fused-Core C18-Based Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry Quantification. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 70-77.	5.2	29

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19	Anti-Salmonella mode of action of natural l-phenyl lactic acid purified from <i>Lactobacillus plantarum</i> ZJ316. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 5283-5292.	3.6	29
20	Determination of Anti-Tumor Constituent Mollugin from Traditional Chinese Medicine <i>Rubia cordifolia</i> : Comparative Study of Classical and Microwave Extraction Techniques. <i>Separation Science and Technology</i> , 2009, 44, 995-1006.	2.5	26
21	Effects of various blanching methods on fucoxanthin degradation kinetics, antioxidant activity, pigment composition, and sensory quality of <i>Sargassum fusiforme</i> . <i>LWT - Food Science and Technology</i> , 2021, 143, 111179.	5.2	24
22	Application of Graphene-based Solid-Phase Extraction Coupled with Ultra High-performance Liquid Chromatography-Tandem Mass Spectrometry for Determination of Macrolides in Fish Tissues. <i>Food Analytical Methods</i> , 2013, 6, 1448-1457.	2.6	23
23	Rapid determination of trace sulfonamides in fish by graphene-based SPE coupled with UPLC/MS/MS. <i>Analytical Methods</i> , 2013, 5, 4363.	2.7	20
24	Simultaneous Isolation and Purification of Mollugin and Two Anthraquinones from <i>Rubia cordifolia</i> by HSCCC. <i>Chromatographia</i> , 2008, 68, 95-99.	1.3	19
25	Isolation and purification of oridonin from <i>Rabdosia rubescens</i> using upright counter-current chromatography. <i>Journal of Separation Science</i> , 2006, 29, 314-318.	2.5	18
26	Preparative separation of anti-oxidative constituents from <i>Rubia cordifolia</i> by column-switching counter-current chromatography. <i>Journal of Separation Science</i> , 2010, 33, 2200-2205.	2.5	17
27	Determination of Sulfonamides in Fish Using a Modified QuEChERS Extraction Coupled with Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 1857-1866.	2.6	17
28	Preparative isolation and purification of two phenylbutenoids from the rhizomes of <i>Zingiber Cassumunar</i> by upright counter-current chromatography. <i>Journal of Chromatography A</i> , 2005, 1089, 258-262.	3.7	16
29	Separation and identification of phenolic compounds in canned artichoke by LC/DAD/ESI-MS using core-shell C18 column: A comparative study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 927, 173-180.	2.3	12
30	Preparative separation of three terpenoids from edible brown algae <i>Sargassum fusiforme</i> by high-speed countercurrent chromatography combined with preparative high-performance liquid chromatography. <i>Algal Research</i> , 2021, 59, 102449.	4.6	11
31	Counter-current chromatographic method for preparative scale isolation of picrosides from traditional Chinese medicine <i>Picrorhiza scrophulariiflora</i> . <i>Journal of Separation Science</i> , 2011, 34, 1910-1916.	2.5	10
32	One-Step Preparative Separation of Phytosterols from Edible Brown Seaweed <i>Sargassum horneri</i> by High-Speed Countercurrent Chromatography. <i>Marine Drugs</i> , 2019, 17, 691.	4.6	10
33	Precursor ion scan driven fast untargeted screening and semi-determination of caffeoylquinic acid derivatives in <i>Cynara scolymus</i> L.. <i>Food Chemistry</i> , 2015, 166, 442-447.	8.2	9
34	Preparative Separation and Purification of Trichothecene Mycotoxins from the Marine Fungus <i>Fusarium</i> sp. LS68 by High-Speed Countercurrent Chromatography in Stepwise Elution Mode. <i>Marine Drugs</i> , 2018, 16, 73.	4.6	9
35	A comparative study of upright counter-current chromatography and high-performance liquid chromatography for preparative isolation and purification of phenolic compounds from <i>Magnoliae officinalis</i> . <i>Journal of Separation Science</i> , 2006, 29, 351-357.	2.5	8
36	Preparative separation of phytosterol analogues from green alga <i>Chlorella vulgaris</i> using recycling counter-current chromatography. <i>Journal of Separation Science</i> , 2017, 40, 2326-2334.	2.5	8

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37	Effective and Preparative Separation of Bioactive Flavonoids From <i>Gynostemma Pentaphyllum</i> Tea Using Elution-Extrusion Counter-Current Chromatography. <i>Separation Science and Technology</i> , 2013, 48, 909-914.	2.5	6
38	Preparative separation of bioactive constituents from <i>Zanthoxylum planispinum</i> using linear gradient counter-current chromatography. <i>Journal of Separation Science</i> , 2015, 38, 3735-3742.	2.5	6
39	EFFECTIVE COUNTER-CURRENT CHROMATOGRAPHIC METHOD FOR ONE-STEP PREPARATIVE ISOLATION AND PURIFICATION OF ANTHRAGLYCOSIDE B FROM <i>Begonia fimbriatipula</i> USING ELUTION-EXTRUSION SEPARATION MODE. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 363-371.	1.0	4
40	Exploring the reaction mechanism of a cationic terminal iridium methylene complex with ethyl diazoacetate, a Lewis base and dihydrogen: a quantum chemistry study. <i>New Journal of Chemistry</i> , 2014, 38, 4115.	2.8	4
41	One Step Large-Scale Separation and Purification of Rutin from <i>Boenninghausenia sessilicarpa</i> by Countercurrent Chromatography. <i>Separation Science and Technology</i> , 2011, 46, 525-529.	2.5	3
42	Rapid determination of parabens in seafood sauces by high-performance liquid chromatography: A practical comparison of core-shell particles and sub-2 $\mu$ m fully porous particles. <i>Journal of Separation Science</i> , 2015, 38, 3992-3999.	2.5	3
43	One-Step Preparative Separation of Fucoxanthin from Three Edible Brown Algae by Elution-Extrusion Countercurrent Chromatography. <i>Marine Drugs</i> , 2022, 20, 257.	4.6	3