

# Dong Pei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3248038/publications.pdf>

Version: 2024-02-01

49  
papers

614  
citations

687220

13  
h-index

677027

22  
g-index

50  
all docs

50  
docs citations

50  
times ranked

732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive separation of a wide variety of compounds from olive leaves by counter-current chromatography with three-phase solvent system. <i>Journal of Separation Science</i> , 2022, 45, 1942-1951.	1.3	3
2	Preparation and chiral resolution properties of bridged bis(cyclodextrin)s hybrid spheres for high performance liquid chromatography. <i>Journal of Separation Science</i> , 2022, 45, 845-855.	1.3	7
3	Efficient extraction of polysaccharides from <i>Lycium barbarum</i> L. by aqueous two-phase system combined with tissue-smashing extraction. <i>Industrial Crops and Products</i> , 2022, 184, 115036.	2.5	12
4	The separation regularity of the three-phase solvent system of counter-current chromatography based on polarity parameter modeling. <i>Journal of Chromatography A</i> , 2022, 1677, 463319.	1.8	3
5	Recovery and recycling of solvent of counter-current chromatography: The sample of isolation of zeaxanthin in the <i>Lycium barbarum</i> L. fruits. <i>Journal of Separation Science</i> , 2021, 44, 759-766.	1.3	1
6	Fish Roe Polypeptide Exerts Hypoglycemia Activity via Regulating Insulin Secretion Mediated by Nrf2/ERK Signaling. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 543-553.	0.9	4
7	Isolation and purification of oleuropein from olive leaves using boric acid affinity resin and a novel solvent system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126145.	2.3	7
8	Development of an effective method based upon second-order overlapping repeated sample injections for isolation of carotenoids from <i>Lycium barbarum</i> L. fruits with elution-extrusion counter-current chromatography. <i>Journal of Chromatography A</i> , 2021, 1645, 462026.	1.8	8
9	Role of three-phase solvent system in the counter-current chromatography. <i>Journal of Separation Science</i> , 2021, , .	1.3	2
10	Synthesis of boric acid-functionalized microspheres and their adsorption properties for flavonoids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126656.	2.3	5
11	Preparation of highly purified oleuropein by combinative technology off line of HSCC-HPPLC based on dual wavelength. <i>Journal of Food Science</i> , 2021, 86, 4457-4465.	1.5	0
12	Optimized extraction of astaxanthin from shrimp shells treated by biological enzyme and its separation and purification using macroporous resin. <i>Food Chemistry</i> , 2021, 363, 130369.	4.2	18
13	Aqueous two-phase systems based on deep eutectic solvents and their application in green separation processes. <i>Journal of Separation Science</i> , 2020, 43, 348-359.	1.3	53
14	Full use of the liquid nature of the stationary phase: The development of elution-extrusion counter current chromatography. <i>Journal of Separation Science</i> , 2020, 43, 3573-3584.	1.3	8
15	Strategy for the separation of strongly polar antioxidant compounds from <i>Lycium barbarum</i> L. via high-speed counter-current chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1153, 122268.	1.2	8
16	Protective effect of <i>Lycium barbarum</i> polysaccharide on ethanol-induced injury in human hepatocyte and its mechanism. <i>Journal of Food Biochemistry</i> , 2020, 44, e13412.	1.2	7
17	Effective on-line high-speed shear dispersing emulsifier technique coupled with high-performance countercurrent chromatography method for simultaneous extraction and isolation of carotenoids from <i>Lycium barbarum</i> L. fruits. <i>Journal of Separation Science</i> , 2020, 43, 2949-2958.	1.3	9
18	The applicability of high-speed counter current chromatography to the separation of natural antioxidants. <i>Journal of Chromatography A</i> , 2020, 1623, 461150.	1.8	54

#	ARTICLE	IF	CITATIONS
19	Separation and purification of hydroxytyrosol and oleuropein from <i>Olea europaea</i> L. (olive) leaves using macroporous resins and a novel solvent system. <i>Journal of Separation Science</i> , 2020, 43, 2619-2625.	1.3	13
20	Continuous separation of maslinic and oleanolic acids from olive pulp by high-speed countercurrent chromatography with elution-extrusion mode. <i>Journal of Separation Science</i> , 2019, 42, 2080-2088.	1.3	18
21	Toxicity Assessment of Chinese Herbal Medicine <i>Cynomorium songaricum</i> Rupr. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	0.5	4
22	Wide pH range enantioseparation of cyclodextrin silica-based hybrid spheres for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1595, 73-80.	1.8	21
23	Counter-current chromatography melamine-modified column and its separation mechanism. <i>Journal of Separation Science</i> , 2019, 42, 547-555.	1.3	2
24	Rapid screening and separating two radical scavengers in <i>Lycium barbarum</i> L. by DPPH-HPLC analysis-combined dual-mode high-speed countercurrent chromatography. <i>Separation Science and Technology</i> , 2019, 54, 1787-1794.	1.3	4
25	Variable selection and chemometric models for discriminating symptomatic gout based on a metabolic target analysis. <i>Journal of Chemometrics</i> , 2018, 32, e2984.	0.7	1
26	A review on chiral separation by counter-current chromatography: Development, applications and future outlook. <i>Journal of Chromatography A</i> , 2018, 1531, 1-12.	1.8	62
27	Antibacterial Activity of Hydroxytyrosol Acetate from Olive Leaves ( <i>Olea Europaea</i> L.). <i>Natural Product Research</i> , 2018, 32, 1967-1970.	1.0	24
28	Isolation of high-purity peptide Val <sup>1</sup> Val <sup>2</sup> Tyr <sup>3</sup> Pro from Globin Peptide using MCI gel column combined with high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2018, 41, 4559-4566.	1.3	10
29	A simple gradient equilibrium method for better separation in countercurrent chromatography. <i>Journal of Separation Science</i> , 2018, 41, 3863-3870.	1.3	0
30	Establishment and application of a method for screening the therapeutic drugs of ethanol-induced liver injury based on cellular metabolomics. <i>Biomedical Chromatography</i> , 2018, 32, e4369.	0.8	2
31	The development of biphasic chiral recognition in chiral separation. <i>Chirality</i> , 2018, 30, 974-981.	1.3	17
32	Development of overlapping repeated separation of steviol glycosides with counter current chromatography and a comparison with a conventional repeated separation method. <i>Journal of Separation Science</i> , 2018, 41, 3163-3169.	1.3	9
33	Evaluation and Application of a Novel Quantitative Antioxidant Activity Assay Based on Cellular Metabolomics. <i>Chromatographia</i> , 2017, 80, 617-627.	0.7	2
34	Discovery and identification of potential biomarkers for alcohol-induced oxidative stress based on cellular metabolomics. <i>Biomedical Chromatography</i> , 2017, 31, e3907.	0.8	9
35	Spiral counter-current chromatography: Design, development, application, and challenges. <i>Journal of Separation Science</i> , 2017, 40, 336-345.	1.3	9
36	DPPH-HPLC-DAD analysis combined HSCCC for screening and identification of radical scavengers in <i>Cynomorium songaricum</i> Rupr.. <i>New Journal of Chemistry</i> , 2016, 40, 3885-3891.	1.4	14

#	ARTICLE	IF	CITATIONS
37	Discovery of biomarkers for oxidative stress based on cellular metabolomics. <i>Biomarkers</i> , 2016, 21, 449-457.	0.9	16
38	Different ionic liquid modified hypercrosslinked polystyrene resin for purification of catechins from aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 158-165.	2.3	12
39	Preparation of organic-inorganic hybrid porous materials and adsorption characteristics for (-)-epigallocatechin gallate and caffeine from the extract of discarded tea. <i>Polymer Engineering and Science</i> , 2015, 55, 2414-2422.	1.5	6
40	Adsorption behaviors for oleuropein from olive leaves extracts by porous materials with carbon nanotubes. <i>Colloid and Polymer Science</i> , 2015, 293, 2395-2404.	1.0	11
41	Polysaccharide from <i>Enteromorpha prolifera</i> enhances non-specific immune responses and protection against <i>Vibrio splendidus</i> infection of sea cucumber. <i>Aquaculture International</i> , 2015, 23, 661-670.	1.1	16
42	Effect of the ionic liquid group in novel interpenetrating polymer networks on the adsorption properties for oleuropein from aqueous solutions. <i>New Journal of Chemistry</i> , 2015, 39, 9181-9190.	1.4	7
43	EFFECTIVE ON-LINE COMBINATION OF HIGH SHEAR TECHNIQUE AND CONTINUOUS SAMPLE INJECTION IN HIGH-PERFORMANCE COUNTER-CURRENT CHROMATOGRAPHY FOR ISOLATION AND PURIFICATION OF POLYPHENOLS IN GREEN TEA. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2571-2586.	0.5	5
44	Modified macroporous adsorption resins with amino and acetyl groups through a novel method and adsorption behaviors for alizarin yellow GG. <i>Polymer Engineering and Science</i> , 2014, 54, 1960-1968.	1.5	3
45	Efficient method for the screening and identification of anti-diabetic components in the leaves of <i>Olea europaea</i> L.. <i>New Journal of Chemistry</i> , 2014, 38, 3796-3802.	1.4	11
46	Polysaccharides from <i>Enteromorpha prolifera</i> enhance the immunity of normal mice. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 1-5.	3.6	77
47	Effect of Ionic Liquids on Preparative Separation of Flavonoid Compounds in the Extract from <i>Brassica napus</i> L. Pollen using High-Performance Counter-Current Chromatography. <i>Separation Science and Technology</i> , 2013, 48, 2890-2899.	1.3	8
48	Chemical investigation of the pollen of <i>Brassica napus</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 310-312.	0.2	1
49	Cerebroside and ceramide from the pollen of <i>Brassica napus</i> L.. <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 838-843.	1.1	11