

# Yu Jin

## List of Publications by Year in descending order

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57  
papers

1,097  
citations

361413

20  
h-index

434195

31  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic screening and characterization of flavonoid glycosides in <i>Carthamus tinctorius</i> L. by liquid chromatography/UV diode-array detection/electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 418-430.	2.8	70
2	Fingerprint analysis of <i>Ligusticum chuanxiong</i> using hydrophilic interaction chromatography and reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 2136-2141.	3.7	62
3	Comprehensive characterization of <i>Stevia Rebaudiana</i> using two-dimensional reversed-phase liquid chromatography/hydrophilic interaction liquid chromatography. <i>Journal of Separation Science</i> , 2012, 35, 1821-1827.	2.5	61
4	Separation of carbohydrates using hydrophilic interaction liquid chromatography. <i>Carbohydrate Research</i> , 2013, 379, 13-17.	2.3	58
5	Combination of off-line two-dimensional hydrophilic interaction liquid chromatography for polar fraction and two-dimensional hydrophilic interaction liquid chromatography—reversed-phase liquid chromatography for medium-polar fraction in a traditional Chinese medicine. <i>Journal of Chromatography A</i> , 2012, 1224, 61-69.	3.7	53
6	Purification of amide alkaloids from <i>Piper longum</i> L. using preparative two-dimensional normal-phase liquid chromatography—reversed-phase liquid chromatography. <i>Analyst, The</i> , 2013, 138, 3313.	3.5	50
7	Preparation and chromatographic evaluation of a newly designed steviol glycoside modified-silica stationary phase in hydrophilic interaction liquid chromatography and reversed phase liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1388, 110-118.	3.7	48
8	<i>Spatholobi Caulis</i> extracts promote angiogenesis in HUVECs in vitro and in zebrafish embryos in vivo via up-regulation of VEGFRs. <i>Journal of Ethnopharmacology</i> , 2017, 200, 74-83.	4.1	45
9	Characterization of glycosyl quinochalones in <i>Carthamus tinctorius</i> L. by ultraperformance liquid chromatography coupled with quadrupole—time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1275-1287.	1.5	38
10	Cyclodextrin/chitosan nanoparticles for oral ovalbumin delivery: Preparation, characterization and intestinal mucosal immunity in mice. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 193-203.	9.1	38
11	Alkaloids analysis using off-line two-dimensional supercritical fluid chromatography—ultra-high performance liquid chromatography. <i>Analyst, The</i> , 2014, 139, 3577-3587.	3.5	36
12	Ferulic acid relaxed rat aortic, small mesenteric and coronary arteries by blocking voltage-gated calcium channel and calcium desensitization via dephosphorylation of ERK1/2 and MYPT1. <i>European Journal of Pharmacology</i> , 2017, 815, 26-32.	3.5	32
13	Rapid and simultaneous analysis of sesquiterpene pyridine alkaloids from <i>Tripterygium wilfordii</i> Hook. f. Using supercritical fluid chromatography-diode array detector-tandem mass spectrometry. <i>Journal of Supercritical Fluids</i> , 2015, 104, 85-93.	3.2	31
14	Purification of flavonoids from licorice using an off-line preparative two-dimensional normal-phase liquid chromatography/reversed-phase liquid chromatography method. <i>Journal of Separation Science</i> , 2016, 39, 2710-2719.	2.5	27
15	Anti-Inflammatory Activities of Compounds Isolated from the Rhizome of <i>Anemarrhena asphodeloides</i> . <i>Molecules</i> , 2018, 23, 2631.	3.8	27
16	A polyacrylamide-based silica stationary phase for the separation of carbohydrates using alcohols as the weak eluent in hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1524, 153-159.	3.7	26
17	Rapid purification of diastereoisomers from <i>Piper kadsura</i> using supercritical fluid chromatography with chiral stationary phases. <i>Journal of Chromatography A</i> , 2017, 1509, 141-146.	3.7	22
18	Exploration and optimization of conditions for quantitative analysis of lignans in <i>Schisandra chinensis</i> by an online supercritical fluid extraction with supercritical fluid chromatography system. <i>Journal of Separation Science</i> , 2019, 42, 2444-2454.	2.5	21

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19	Purification of lignans from <i>Fructus Arctii</i> using off-line two-dimensional supercritical fluid chromatography/reversed-phase liquid chromatography. <i>Journal of Separation Science</i> , 2017, 40, 3231-3238.	2.5	20
20	Gli1 expression in cancer stem-like cells predicts poor prognosis in patients with lung squamous cell carcinoma. <i>Experimental and Molecular Pathology</i> , 2017, 102, 347-353.	2.1	20
21	A novel method of prediction and optimization for preparative high-performance liquid chromatography separation. <i>Journal of Chromatography A</i> , 2008, 1183, 76-86.	3.7	19
22	Isolation and bioactive evaluation of flavonoid glycosides from <i>Lobelia chinensis</i> Lour using two-dimensional liquid chromatography combined with label-free cell phenotypic assays. <i>Journal of Chromatography A</i> , 2019, 1601, 224-231.	3.7	19
23	Qualitative and quantitative analysis of an alkaloid fraction from <i>Piper longum</i> L. using ultra-high performance liquid chromatography-diode array detector-electrospray ionization mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 109, 28-35.	2.8	18
24	Licoumarone isolated from <i>Glycyrrhiza uralensis</i> selectively alters LPS-induced inflammatory responses in RAW 264.7 macrophages. <i>European Journal of Pharmacology</i> , 2017, 801, 46-53.	3.5	18
25	Transcriptional regulation of G2/M regulatory proteins and perturbation of G2/M Cell cycle transition by a traditional Chinese medicine recipe. <i>Journal of Ethnopharmacology</i> , 2020, 251, 112526.	4.1	16
26	Jinfukang induces cellular apoptosis through activation of Fas and DR4 in A549 cells. <i>Oncology Letters</i> , 2018, 16, 4343-4352.	1.8	15
27	Efficient preparative separation of 6-(4-aminophenyl)-5-methyl-4, 5-dihydro- $\beta$ (2H)-pyridazinone enantiomers on polysaccharide-based stationary phases in polar organic solvent chromatography and supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2019, 42, 2482-2490.	2.5	15
28	Feiji Recipe inhibits the growth of lung cancer by modulating T-cell immunity through indoleamine-2,3-dioxygenase pathway in an orthotopic implantation model. <i>Journal of Integrative Medicine</i> , 2018, 16, 283-289.	3.1	14
29	Development, validation and application of a hydrophilic interaction liquid chromatography-evaporative light scattering detection based method for process control of hydrolysis of xylans obtained from different agricultural wastes. <i>Food Chemistry</i> , 2016, 212, 155-161.	8.2	13
30	Construction of an off-line two dimensional reversed-phase liquid chromatography/ultra-high performance supercritical fluid chromatography method for rapid and comprehensive analysis of <i>Piper kadsura</i> . <i>Journal of Supercritical Fluids</i> , 2017, 127, 9-14.	3.2	13
31	Phenylene-bridged hybrid silica spheres for high performance liquid chromatography. <i>Analytical Methods</i> , 2009, 1, 123.	2.7	12
32	Hydrophilic interaction liquid chromatography for the separation, purification, and quantification of raffinose family oligosaccharides from <i>Lycopus lucidus</i> Turcz. <i>Journal of Separation Science</i> , 2015, 38, 2607-2613.	2.5	11
33	Evaluation and application of a mixed-mode chromatographic stationary phase in two-dimensional liquid chromatography for the separation of traditional Chinese medicine. <i>Journal of Separation Science</i> , 2016, 39, 2221-2228.	2.5	11
34	Chemical separation and characterization of complex samples with herbal medicine. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115775.	11.4	11
35	Evaluation of a series of phenyl-type stationary phases in supercritical fluid chromatography with the linear solvation energy relationship model and its application to the separation of phenolic compounds. <i>Journal of Chromatography A</i> , 2020, 1614, 460700.	3.7	11
36	Improvement of chiral stationary phases based on cinchona alkaloids bonded to crown ethers by chiral modification. <i>Journal of Separation Science</i> , 2015, 38, 3884-3890.	2.5	10

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37	Separation of Piper kadsura Using Preparative Supercritical Fluid Chromatography Combined with Preparative Reversed-Phase Liquid Chromatography. <i>Chromatographia</i> , 2018, 81, 1181-1187.	1.3	10
38	Land Cover Based Landscape Pattern Dynamics of Anhui Province Using GlobCover and MCD12Q1 Global Land Cover Products. <i>Sustainability</i> , 2018, 10, 1285.	3.2	7
39	Enantiomeric analysis of simendan on polysaccharide-based stationary phases by polar organic solvent chromatography. <i>Journal of Separation Science</i> , 2020, 43, 2097-2104.	2.5	6
40	Simple and efficient preparation of high-purity trehalulose from the waste syrup of isomaltulose production using solid-phase extraction followed by hydrophilic interaction chromatography. <i>Journal of Separation Science</i> , 2021, 44, 2334-2342.	2.5	6
41	Rapid prediction and optimization of concentration conditions for preparative fractions by solid-phase extraction. <i>Journal of Separation Science</i> , 2008, 31, 615-621.	2.5	5
42	Evaluation of separation properties of a modified strong cation exchange material named MEX and its application in 2D-MEX—C18 system to separate peptides from scorpion venom. <i>Analyst, The</i> , 2015, 140, 4676-4686.	3.5	5
43	Preparative separation of the polar part from the rhizomes of <i>Anemarrhena asphodeloides</i> using a hydrophilic C18 stationary phase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1063, 149-155.	2.3	5
44	Design, synthesis and evaluation of a series of alkylsiloxane-bonded stationary phases for expanded supercritical fluid chromatography separations. <i>Journal of Chromatography A</i> , 2019, 1593, 127-134.	3.7	4
45	Highly Efficient and Practical Synthesis of the Key Intermediate of Telmisartan. <i>Organic Process Research and Development</i> , 2021, 25, 1022-1027.	2.7	4
46	Characterization of the small RNA transcriptomes of cell protrusions and cell bodies of highly metastatic hepatocellular carcinoma cells via RNA sequencing. <i>Oncology Letters</i> , 2021, 22, 568.	1.8	4
47	Bioactivity-guided separation of antifungal compounds by preparative high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2021, 44, 2382-2390.	2.5	4
48	Separation and characterization of phenylamides from <i>Piper kadsura</i> using preparative supercritical fluid chromatography and ultra-high-performance supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2021, 44, 3530-3539.	2.5	4
49	Pseudomorphic synthesis of bimodal porous silica microspheres for size-exclusion chromatography of small molecules. <i>Journal of Chromatography A</i> , 2022, 1664, 462757.	3.7	4
50	Selective separation of xanthenes and saponins from the rhizomes of <i>Anemarrhena asphodeloides</i> by modulating the density of surface charges in C18-bonded stationary phases. <i>Analytical Methods</i> , 2017, 9, 5604-5610.	2.7	3
51	A ternary eluent strategy to tune the peak shape of steviol glycosides in reversed-phase liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122673.	2.3	3
52	Isolation of three polyoxins by reversed-phase liquid chromatography with pure aqueous mobile phase. <i>Journal of Separation Science</i> , 2021, 44, 2020-2028.	2.5	3
53	A one-step sample pretreatment and loading method for complex sample separation with supercritical fluid chromatography. <i>Journal of Supercritical Fluids</i> , 2022, 182, 105516.	3.2	3
54	Isolation of achiral aliphatic acid derivatives from <i>Piper kadsura</i> using preparative two-dimensional chiral supercritical fluid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1188, 123079.	2.3	2

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55	Systematic evaluation and optimization of high-performance liquid chromatography separation of polyoxins. <i>Journal of Separation Science</i> , 2020, 43, 3006-3016.	2.5	1
56	Adsorption mechanism of triterpenoid saponins in reversed-phase liquid chromatography and hydrophilic interaction liquid chromatography: Mogroside V as test substance. <i>Journal of Chromatography A</i> , 2020, 1620, 461010.	3.7	1
57	Association of anti-phospholipase A2 receptor antibody with the efficacy of traditional Chinese medicine (Shenqi particle) for patients with idiopathic membranous nephropathy: a prospective, cohort clinical study. <i>Chinese Medical Journal</i> , 2021, 134, 2252-2254.	2.3	1