Yong-Jiang Wu

List of Publications by Year in descending order

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100	2,382	186265	265206
papers	citations	28 h-index	42 g-index

104	104	104	2662
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical composition analysis, antioxidant activity, and target cellâ€based screening of the potential active components in jujube and its fermented product. Journal of Food Science, 2022, 87, 664-685.	3.1	2
2	Application of near infrared spectroscopy and real time release testing combined with statistical process control charts for on-line quality control of industrial concentrating process of traditional Chinese medicine â€œJinyinhuaâ€• Infrared Physics and Technology, 2022, 123, 104135.	2.9	3
3	Non-Invasive Detection of Anti-Inflammatory Bioactivity and Key Chemical Indicators of the Commercial Lanqin Oral Solution by Near Infrared Spectroscopy. Molecules, 2022, 27, 2955.	3.8	7
4	Exposure Assessment of Multiple Mycotoxins and Cumulative Health Risk Assessment: A Biomonitoring-Based Study in the Yangtze River Delta, China. Toxins, 2021, 13, 103.	3.4	17
5	Uncovering the antitumor effects and mechanisms of Shikonin against colon cancer on comprehensive analysis. Phytomedicine, 2021, 82, 153460.	5.3	17
6	Algae-Derived Anti-Inflammatory Compounds against Particulate Matters-Induced Respiratory Diseases: A Systematic Review. Marine Drugs, 2021, 19, 317.	4.6	4
7	Nondestructive qualitative and quantitative analysis of Yaobitong capsule using near-infrared spectroscopy in tandem with chemometrics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119517.	3.9	9
8	Response Surface Methodology to Optimize the Combination Treatment of Paclitaxel, Bufalin and Cinobufagin for Hepatoma Therapy. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 1727-1735.	1.1	2
9	â€œTurn off-onâ€•fluorescent sensor based on quantum dots and self-assembled porphyrin for rapid detection of ochratoxin A. Sensors and Actuators B: Chemical, 2020, 302, 127212.	7.8	50
10	A combination of near infrared and mid-infrared spectroscopy to improve the determination efficiency of active components in Radix Astragali. Journal of Near Infrared Spectroscopy, 2020, 28, 10-17.	1.5	8
11	Rapid and simultaneous determination of moisture and berberine content in Coptidis Rhizoma and Phellodendri Chinensis Cortex by near-infrared spectroscopy and chemometrics. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	5
12	Rapid monitoring approaches for concentration process of lanqin oral solution by near-infrared spectroscopy and chemometric models. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 242, 118792.	3.9	6
13	Reduced graphene oxide-zinc oxide nanocomposite as dispersive solid-phase extraction sorbent for simultaneous enrichment and purification of multiple mycotoxins in Coptidis rhizoma (Huanglian) and analysis by liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2020, 1630, 461515.	3.7	19
14	Application of pharmacodynamics-based optimization to the extraction of bioactive compounds from Chansu. Microchemical Journal, 2020, 159, 105552.	4.5	1
15	Integration of Transcriptomics and Metabolomics Reveals the Antitumor Mechanism Underlying Shikonin in Colon Cancer. Frontiers in Pharmacology, 2020, 11, 544647.	3.5	14
16	Maintaining the predictive abilities of near-infrared spectroscopy models for the determination of multi-parameters in White Paeony Root. Infrared Physics and Technology, 2020, 109, 103419.	2.9	5
17	Integrated proteomics and metabolomics reveals the comprehensive characterization of antitumor mechanism underlying Shikonin on colon cancer patient-derived xenograft model. Scientific Reports, 2020, 10, 14092.	3.3	18
18	Comparison of several variable selection methods for quantitative analysis and monitoring of the Yangxinshi tablet process using near-infrared spectroscopy. Infrared Physics and Technology, 2020, 105, 103188.	2.9	14

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19	Global Metabolomic and Lipidomic Analysis Reveal the Synergistic Effect of Bufalin in Combination with Cinobufagin against HepG2 Cells. Journal of Proteome Research, 2020, 19, 873-883.	3.7	16
20	Spatial Lipidomics Reveals Anticancer Mechanisms of Bufalin in Combination with Cinobufagin in Tumor-Bearing Mice. Frontiers in Pharmacology, 2020, 11, 593815.	3.5	8
21	Rapid determination of geniposide in the extraction and concentration processes of lanqin oral solution by near-infrared spectroscopy coupled with chemometric algorithms. Vibrational Spectroscopy, 2020, 107, 103023.	2.2	14
22	Label-Free Fluorescent Aptasensor for Ochratoxinâ€"A Detection Based on CdTe Quantum Dots and (N-Methyl-4-pyridyl) Porphyrin. Toxins, 2019, 11, 447.	3.4	20
23	Quantitative real-time release testing of rhubarb based on near-infrared spectroscopy and method validation. Vibrational Spectroscopy, 2019, 104, 102964.	2.2	11
24	NIR and MIR spectral data fusion for rapid detection of Lonicera japonica and Artemisia annua by liquid extraction process. Vibrational Spectroscopy, 2019, 102, 31-38.	2.2	16
25	Near infrared system coupled chemometric algorithms for the variable selection and prediction of baicalin in three different processes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 218, 33-39.	3.9	17
26	Molecularly Imprinted Poly(thionine)-Based Electrochemical Sensing Platform for Fast and Selective Ultratrace Determination of Patulin. Analytical Chemistry, 2019, 91, 4116-4123.	6.5	78
27	Linarin improves the dyskinesia recovery in Alzheimer's disease zebrafish by inhibiting the acetylcholinesterase activity. Life Sciences, 2019, 222, 112-116.	4.3	37
28	Thin-layer MoS2 and thionin composite-based electrochemical sensing platform for rapid and sensitive detection of zearalenone in human biofluids. Biosensors and Bioelectronics, 2019, 130, 322-329.	10.1	50
29	Development of a QuEChERS-Based UHPLC-MS/MS Method for Simultaneous Determination of Six Alternaria Toxins in Grapes. Toxins, 2019, 11, 87.	3.4	27
30	Cycloartane triterpenoids from Actaea vaginata with anti-inflammatory effects in LPS-stimulated RAW264.7 macrophages. Phytochemistry, 2019, 160, 1-10.	2.9	30
31	Triterpenoids from Cyclocarya paliurus that Enhance Glucose Uptake in 3T3-L1 Adipocytes. Molecules, 2019, 24, 187.	3.8	27
32	Chemical profiling by LCâ€"MS/MS and HPLC fingerprint combined with chemometrics and simultaneous determination of 16 characteristic ingredients for the quality consistency evaluation of Shaoyaoâ€Gancao Decoction. Biomedical Chromatography, 2019, 33, e4401.	1.7	13
33	Application of nearâ€infrared spectroscopy combined with chemometrics for online monitoring of Moluodan extraction. Journal of Chemometrics, 2018, 32, e2979.	1.3	7
34	Investigation of the reverse effect of Danhong injection on doxorubicin-induced cardiotoxicity in H9c2 cells: Insight by LCâ€"MS based non-targeted metabolomic analysis. Journal of Pharmaceutical and Biomedical Analysis, 2018, 152, 264-270.	2.8	37
35	Improvement of NIR models for quality parameters of leech and earthworm medicines using outlier multiple diagnoses. Journal of Innovative Optical Health Sciences, 2018, 11, 1750009.	1.0	3
36	Rapid screening of brain-penetrable antioxidants from natural products by blood-brain barrier specific permeability assay combined with DPPH recognition. Journal of Pharmaceutical and Biomedical Analysis, 2018, 151, 42-48.	2.8	16

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37	Determination of geographical origin and icariin content of Herba Epimedii using near infrared spectroscopy and chemometrics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 233-240.	3.9	55
38	Qualitative analysis of Psoraleae Fructus by HPLCâ€DAD/TOFâ€MS fingerprint and quantitative analysis of multiple components by single marker. Biomedical Chromatography, 2018, 32, e4059.	1.7	26
39	Reduced graphene oxide and gold nanoparticle composite-based solid-phase extraction coupled with ultra-high-performance liquid chromatography-tandem mass spectrometry for the determination of 9 mycotoxins in milk. Food Chemistry, 2018, 264, 218-225.	8.2	63
40	Fungal and Mycotoxins Assessment of Honeysuckle in China. Current Analytical Chemistry, 2018, 14, 465-473.	1.2	1
41	On-line monitoring of extraction process of Flos Lonicerae Japonicae using near infrared spectroscopy combined with synergy interval PLS and genetic algorithm. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 182, 73-80.	3.9	67
42	Mid-infrared and near-infrared spectroscopy for rapid detection of Gardeniae Fructus by a liquid-liquid extraction process. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 1-9.	2.8	18
43	Chemical profiling and antioxidant evaluation of Yangxinshi Tablet by HPLCâ€“ESI-Q-TOF-MS/MS combined with DPPH assay. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1060, 262-271.	2.3	43
44	Multi-walled carbon nanotubes-based magnetic solid-phase extraction for the determination of zearalenone and its derivatives in maize by ultra-high performance liquid chromatography-tandem mass spectrometry. Food Control, 2017, 79, 177-184.	5.5	61
45	Iron (II, III) oxide/multi-walled carbon nanotube composite as solid-phase extraction sorbent followed by ultra-high performance liquid chromatography tandem mass spectrometry for simultaneous determination of zearalenone and type A trichothecenes in Salviae miltiorrhizae Radix et Rhizoma (Danshen). Journal of Chromatography A, 2017, 1482, 1-10.	3.7	28
46	Immobilized fusion protein affinity chromatography combined with HPLCâ€“ESI-Q-TOF-MS/MS for rapid screening of PPARÎ³ ligands from natural products. Talanta, 2017, 165, 508-515.	5.5	14
47	Characterization of Toad Skin for Traditional Chinese Medicine by Near-Infrared Spectroscopy and Chemometrics. Analytical Letters, 2017, 50, 1292-1306.	1.8	5
48	Rapid measurement of epimedin A, epimedin B, epimedin C, icariin, and moisture in Herba Epimedii using near infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 171, 351-360.	3.9	47
49	Drug-protein binding of Danhong injection and the potential influence of drug combination with aspirin: Insight by ultrafiltration LCâ€“MS and molecular modeling. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 100-107.	2.8	26
50	Optimization of integrated extraction-adsorption process for the extraction and purification of total flavonoids from Scutellariae barbatae herba. Separation and Purification Technology, 2017, 175, 203-212.	7.9	32
51	Application of near Infrared Spectroscopy Combined with Competitive Adaptive Reweighted Sampling Partial Least Squares for on-line Monitoring of the Concentration Process of Wangbi Tablets. Journal of Near Infrared Spectroscopy, 2016, 24, 171-178.	1.5	16
52	Quality evaluation of moluodan concentrated pill using highâ€performance liquid chromatography fingerprinting coupled with chemometrics. Journal of Separation Science, 2016, 39, 4673-4680.	2.5	11
53	An approach combining real-time release testing with near-infrared spectroscopy to improve quality control efficiency of Rhizoma paridis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 157, 186-191.	3.9	26
54	Quality Control of Ginkgo Biloba Leaves by Real Time Release Testing in Combination with near Infrared Spectroscopy. Journal of Near Infrared Spectroscopy, 2015, 23, 381-389.	1.5	4

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55	Development of a method using highâ€performance liquid chromatographic fingerprint and multiâ€ingredients quantitative analysis for the quality control of Yangxinshi Pian. Journal of Separation Science, 2015, 38, 2989-2994.	2.5	20
56	Near-Infrared Spectroscopy as an Analytical Process Technology for the On-Line Quantification of Water Precipitation Processes during Danhong Injection. International Journal of Analytical Chemistry, 2015, 2015, 1-10.	1.0	12
57	Indirect identification of antioxidants in Polygalae Radix through their reaction with 2,2-diphenyl-1-picrylhydrazyl and subsequent HPLCâ€“ESI-Q-TOF-MS/MS. Talanta, 2015, 144, 830-835.	5.5	31
58	Multi-walled carbon nanotubes as solid-phase extraction sorbents for simultaneous determination of type A trichothecenes in maize, wheat and rice by ultra-high performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2015, 1423, 177-182.	3.7	39
59	An efficient procedure for preparing main acylated pentasaccharides from Polygalae Radix using integrated extractionâ€“adsorption method followed by semi-preparative high performance liquid chromatography. Separation and Purification Technology, 2015, 153, 84-90.	7.9	9
60	Application of particle swarm optimization-based least square support vector machine in quantitative analysis of extraction solution of yangxinshi tablet using near infrared spectroscopy. Journal of Innovative Optical Health Sciences, 2014, 07, 1450011.	1.0	4
61	Studies on the total synthesis of tenuifoliside B. Tetrahedron, 2014, 70, 3757-3761.	1.9	7
62	A quick, easy, cheap, effective, rugged, and safe sample pretreatment and liquid chromatography with tandem mass spectrometry method for the simultaneous quantification of 33 mycotoxins inLentinula edodes. Journal of Separation Science, 2014, 37, 1957-1966.	2.5	20
63	Simple and efficient preparation of 3,6â€²-disinapoylsucrose from Polygalae Radix via column chromatographic extraction and reversed-phase flash chromatography. Separation and Purification Technology, 2014, 135, 7-13.	7.9	6
64	Simultaneous determination of aflatoxin B1, aflatoxin B2, mycophenolic acid and sterigmatocystin in grape pomace by UHPLC-MS/MS. World Mycotoxin Journal, 2014, 7, 121-129.	1.4	5
65	Near infrared spectroscopy in combination with chemometrics as a process analytical technology (PAT) tool for on-line quantitative monitoring of alcohol precipitation. Journal of Pharmaceutical and Biomedical Analysis, 2013, 77, 32-39.	2.8	38
66	Quantitative analysis combined with chromatographic fingerprint for comprehensive evaluation of Danhong injection using HPLC-DAD. Journal of Pharmaceutical and Biomedical Analysis, 2013, 76, 70-74.	2.8	82
67	Investigation of an on-line detection method combining near infrared spectroscopy with local partial least squares regression for the elution process of sodium aescinate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 109, 68-78.	3.9	5
68	Rapid and Quantitative Detection Method for Acteoside during Chromatographic Purification of Adhesive Rehmannia Leaf Extract Using near Infrared Spectroscopy and Chemometrics. Journal of Near Infrared Spectroscopy, 2013, 21, 43-53.	1.5	5
69	Application of Particle Swarm Optimization Based Least Square Support Vector Machine in Quantitative Analysis of Extraction Solution of Safflower Using Near-infrared Spectroscopy. Chinese Journal of Analytical Chemistry, 2013, 40, 925-931.	1.7	1
70	Rapid Analysis of Purification Process of Grape Seed Extracts Using Near Infrared Spectroscopy. Chinese Journal of Analytical Chemistry, 2013, 40, 626-629.	1.7	1
71	Three-in-one agonists for PPAR-Î±, PPAR-Î³, and PPAR-Î´ from traditional Chinese medicine. Journal of Biomolecular Structure and Dynamics, 2012, 30, 662-683.	3.5	43
72	Characterization of physalins and fingerprint analysis for the quality evaluation of Physalis alkekengi L. var. franchetii by ultra-performance liquid chromatography combined with diode array detection and electrospray ionization tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 54-62.	2.8	27

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73	Establishment of an isotope dilution LC-MS/MS method revealing kinetics and distribution of co-occurring mycotoxins in rats. Analytical Methods, 2012, 4, 3708.	2.7	8
74	Multianalysis of 35 Mycotoxins in Traditional Chinese Medicines by Ultra-High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry Coupled with Accelerated Solvent Extraction. Journal of Agricultural and Food Chemistry, 2012, 60, 8233-8247.	5.2	62
75	Quantitative and Transformation Product Analysis of Major Active Physalins from Physalis Alkekengi Var. Franchetii (Chinese Lantern) Using Ultraperformance Liquid Chromatography with Electrospray Ionisation Tandem Mass Spectrometry and Timeâ€ofâ€flight Mass Spectrometry. Phytochemical Analysis, 2012, 23, 337-344.	2.4	19
76	An ultra-pressure liquid chromatographyâ€“tandem mass spectrometry method for the simultaneous determination of three physalins in rat plasma and its application to pharmacokinetic study of Physalis alkekengi var. franchetii (Chinese lantern) in rats. Journal of Pharmaceutical and Biomedical Analysis, 2012, 58, 94-101.	2.8	11
77	NIR spectroscopy as a process analytical technology (PAT) tool for on-line and real-time monitoring of an extraction process. Vibrational Spectroscopy, 2012, 58, 109-118.	2.2	51
78	Tanshinone IIA increases recruitment of bone marrow mesenchymal stem cells to infarct region via up-regulating stromal cell-derived factor-1/CXC chemokine receptor 4 axis in a myocardial ischemia model. Phytomedicine, 2011, 18, 443-450.	5.3	28
79	A rapid method for simultaneous determination of zearalenone, Î±-zearalenol, Î²-zearalenol, zearalanone, Î±-zearalanol and Î²-zearalanol in traditional Chinese medicines by ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 411-420.	2.3	44
80	Monitoring of Antisolvent Crystallization of Sodium Scutellarein by Combined FBRMâ€“PVMâ€“NIR. Journal of Pharmaceutical Sciences, 2011, 100, 2452-2459.	3.3	21
81	Plasma pharmacokinetics and tissue distribution study of physalin D in rats by ultra-pressure liquid chromatography with tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 443-448.	2.3	12
82	In-line monitoring of extraction process of scutellarein from Erigeron breviscapus (vant.) Hand-Mazz based on qualitative and quantitative uses of near-infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 934-939.	3.9	29
83	Simultaneous determination of 10 mycotoxins in grain by ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry using¹³C₁₅-deoxynivalenol as internal standard. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 1701-1713.	2.3	43
84	An ultra-high-performance liquid chromatography-tandem mass spectrometry method for simultaneous determination of aflatoxins B1, B2, G1, G2, M1 and M2 in traditional Chinese medicines. Analytica Chimica Acta, 2010, 664, 165-171.	5.4	93
85	Separation and quantitative determination of sesquiterpene lactones in Lindera aggregata (Wuâ€yao) by ultraâ€performance LCâ€MS/MS. Journal of Separation Science, 2010, 33, 1072-1078.	2.5	28
86	A rapid method with ultraâ€highâ€performance liquid chromatographyâ€“tandem mass spectrometry for simultaneous determination of five type B trichothecenes in traditional Chinese medicines. Journal of Separation Science, 2010, 33, 1923-1932.	2.5	22
87	Development of the fingerprint for the quality of Radix Linderae through ultraâ€pressure liquid chromatographyâ€photodiode array detection/electrospray ionization mass spectrometry. Journal of Separation Science, 2010, 33, 2734-2742.	2.5	12
88	A reliable isotope dilution method for simultaneous determination of fumonisins B1, B2 and B3 in traditional Chinese medicines by ultraâ€highâ€performance liquid chromatographyâ€tandem mass spectrometry. Journal of Separation Science, 2010, 33, 2723-2733.	2.5	39
89	Simultaneous determination of aflatoxins B1, B2, G1, G2, M1 and M2 in peanuts and their derivative products by ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry. Analytica Chimica Acta, 2010, 662, 62-68.	5.4	101
90	Simultaneous determination of bovine Î±-lactalbumin and Î²-lactoglobulin in infant formulae by ultra-high-performance liquid chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2010, 667, 96-102.	5.4	32

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91	Analysis of ochratoxin A and ochratoxin B in traditional Chinese medicines by ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry using [13C20]-ochratoxin A as an internal standard. Journal of Chromatography A, 2010, 1217, 4365-4374.	3.7	55
92	Solubility of Physalin D in Ethanol, Methanol, Propanone, Trichloromethane, Ethyl Ethanoate, and Water at Temperatures from (283.2 to 313.2) K. Journal of Chemical & Engineering Data, 2010, 55, 3690-3692.	1.9	16
93	Solubility of Scutellarin in Methanol, Water, Ethanol, and Ethanol + Water Binary Mixtures from (293.2 to 333.2) K. Journal of Chemical & Engineering Data, 2010, 55, 5299-5301.	1.9	9
94	Simultaneous Determination of Four Alkaloids in Gan-Yan-Ling Injection by GC-MS. Chromatographia, 2009, 70, 299-303.	1.3	7
95	Determination of Pharmacokinetics of Tanshinone II A in Mouse Plasma and Brain by High Performance Liquid Chromatography. Chinese Journal of Analytical Chemistry, 2008, 36, 1677-1682.	1.7	4
96	Simultaneous determination of four alkaloids in Lindera aggregata by ultra-high-pressure liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2008, 1212, 76-81.	3.7	48
97	Simultaneous Determination of Three Flavonoids in Rat Plasma by RP-LC After Oral Administration of the Total Flavonoids of Scutellaria barbata. Chromatographia, 2008, 68, 823-828.	1.3	3
98	Determination of quinolizidine alkaloids inSophora flavescens and its preparation using capillary electrophoresis. Biomedical Chromatography, 2006, 20, 446-450.	1.7	17
99	A sensitive and specific HPLC-MS method for the determination of sophoridine, sophocarpine and matrine in rabbit plasma. Analytical and Bioanalytical Chemistry, 2005, 382, 1595-1600.	3.7	27
100	Determination of Sophocarpine, Matrine, and Sophoridine in KUHUANG Injection by GC-MS. Journal of Analytical Chemistry, 2005, 60, 967-973.	0.9	14