

Yong-Jiang Wu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

1,774
citations

25
h-index

36
g-index

104
ext. papers

2,106
ext. citations

3.8
avg, IF

4.82
L-index

#	Paper	IF	Citations
96	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 Dinyinhua. <i>Infrared Physics and Technology</i> , 2022 , 104135	2.7	0
95	Algae-Derived Anti-Inflammatory Compounds against Particulate Matters-Induced Respiratory Diseases: A Systematic Review. <i>Marine Drugs</i> , 2021 , 19,	6	1
94	Nondestructive qualitative and quantitative analysis of Yaobitong capsule using near-infrared spectroscopy in tandem with chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 252, 119517	4.4	1
93	Exposure Assessment of Multiple Mycotoxins and Cumulative Health Risk Assessment: A Biomonitoring-Based Study in the Yangtze River Delta, China. <i>Toxins</i> , 2021 , 13,	4.9	3
92	Uncovering the antitumor effects and mechanisms of Shikonin against colon cancer on comprehensive analysis. <i>Phytomedicine</i> , 2021 , 82, 153460	6.5	7
91	Response Surface Methodology to Optimize the Combination Treatment of Paclitaxel, Bufalin and Cinobufagin for Hepatoma Therapy. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021 , 24, 1727-1735	1.3	0
90	Comparison of several variable selection methods for quantitative analysis and monitoring of the Yangxinshi tablet process using near-infrared spectroscopy. <i>Infrared Physics and Technology</i> , 2020 , 105, 103188	2.7	12
89	Global Metabolomic and Lipidomic Analysis Reveal the Synergistic Effect of Bufalin in Combination with Cinobufagin against HepG2 Cells. <i>Journal of Proteome Research</i> , 2020 , 19, 873-883	5.6	5
88	Rapid determination of geniposide in the extraction and concentration processes of lanqin oral solution by near-infrared spectroscopy coupled with chemometric algorithms. <i>Vibrational Spectroscopy</i> , 2020 , 107, 103023	2.1	8
87	A combination of near infrared and mid-infrared spectroscopy to improve the determination efficiency of active components in Radix Astragali. <i>Journal of Near Infrared Spectroscopy</i> , 2020 , 28, 10-17 ¹⁻⁵	1.5	4
86	Rapid and simultaneous determination of moisture and berberine content in Coptidis Rhizoma and Phellodendri Chinensis Cortex by near-infrared spectroscopy and chemometrics. <i>Journal of Innovative Optical Health Sciences</i> , 2020 , 13, 2050006	1.2	2
85	Rapid monitoring approaches for concentration process of lanqin oral solution by near-infrared spectroscopy and chemometric models. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 242, 118792	4.4	4
84	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. <i>Journal of Chromatography A</i> , 2020 , 1630, 461515	4.5	5
83	Application of pharmacodynamics-based optimization to the extraction of bioactive compounds from Chansu. <i>Microchemical Journal</i> , 2020 , 159, 105552	4.8	1
82	Integration of Transcriptomics and Metabolomics Reveals the Antitumor Mechanism Underlying Shikonin in Colon Cancer. <i>Frontiers in Pharmacology</i> , 2020 , 11, 544647	5.6	6
81	Maintaining the predictive abilities of near-infrared spectroscopy models for the determination of multi-parameters in White Paeony Root. <i>Infrared Physics and Technology</i> , 2020 , 109, 103419	2.7	1
80	Integrated proteomics and metabolomics reveals the comprehensive characterization of antitumor mechanism underlying Shikonin on colon cancer patient-derived xenograft model. <i>Scientific Reports</i> , 2020 , 10, 14092	4.9	11

79	Turn off-on fluorescent sensor based on quantum dots and self-assembled porphyrin for rapid detection of ochratoxin A. <i>Sensors and Actuators B: Chemical</i> , 2020 , 302, 127212	8.5	25
78	Spatial Lipidomics Reveals Anticancer Mechanisms of Bufalin in Combination with Cinobufagin in Tumor-Bearing Mice. <i>Frontiers in Pharmacology</i> , 2020 , 11, 593815	5.6	3
77	Quantitative real-time release testing of rhubarb based on near-infrared spectroscopy and method validation. <i>Vibrational Spectroscopy</i> , 2019 , 104, 102964	2.1	7
76	NIR and MIR spectral data fusion for rapid detection of <i>Lonicera japonica</i> and <i>Artemisia annua</i> by liquid extraction process. <i>Vibrational Spectroscopy</i> , 2019 , 102, 31-38	2.1	10
75	Near infrared system coupled chemometric algorithms for the variable selection and prediction of baicalin in three different processes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 218, 33-39	4.4	10
74	Molecularly Imprinted Poly(thionine)-Based Electrochemical Sensing Platform for Fast and Selective Ultratrace Determination of Patulin. <i>Analytical Chemistry</i> , 2019 , 91, 4116-4123	7.8	43
73	Linarin improves the dyskinesia recovery in Alzheimer's disease zebrafish by inhibiting the acetylcholinesterase activity. <i>Life Sciences</i> , 2019 , 222, 112-116	6.8	21
72	Thin-layer MoS ₂ and thionin composite-based electrochemical sensing platform for rapid and sensitive detection of zearalenone in human biofluids. <i>Biosensors and Bioelectronics</i> , 2019 , 130, 322-329	11.8	38
71	Development of a QuEChERS-Based UHPLC-MS/MS Method for Simultaneous Determination of Six Toxins in Grapes. <i>Toxins</i> , 2019 , 11,	4.9	16
70	Label-Free Fluorescent Aptasensor for Ochratoxin-A Detection Based on CdTe Quantum Dots and (-Methyl-4-pyridyl) Porphyrin. <i>Toxins</i> , 2019 , 11,	4.9	9
69	Cycloartane triterpenoids from <i>Actaea vaginata</i> with anti-inflammatory effects in LPS-stimulated RAW264.7 macrophages. <i>Phytochemistry</i> , 2019 , 160, 1-10	4	21
68	Triterpenoids from that Enhance Glucose Uptake in 3T3-L1 Adipocytes. <i>Molecules</i> , 2019 , 24,	4.8	14
67	Chemical profiling by LC-MS/MS and HPLC fingerprint combined with chemometrics and simultaneous determination of 16 characteristic ingredients for the quality consistency evaluation of Shaoyao-Gancao Decoction. <i>Biomedical Chromatography</i> , 2019 , 33, e4401	1.7	8
66	Application of near-infrared spectroscopy combined with chemometrics for online monitoring of Moluodan extraction. <i>Journal of Chemometrics</i> , 2018 , 32, e2979	1.6	4
65	Investigation of the reverse effect of Danhong injection on doxorubicin-induced cardiotoxicity in H9c2 cells: Insight by LC-MS based non-targeted metabolomic analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 152, 264-270	3.5	17
64	Improvement of NIR models for quality parameters of leech and earthworm medicines using outlier multiple diagnoses. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 11, 1750009	1.2	3
63	Rapid screening of brain-penetrable antioxidants from natural products by blood-brain barrier specific permeability assay combined with DPPH recognition. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 151, 42-48	3.5	10
62	Determination of geographical origin and icariin content of <i>Herba Epimedii</i> using near infrared spectroscopy and chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 191, 233-240	4.4	41

61	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. <i>Food Chemistry</i> , 2018 , 264, 218-225	8.5	40
60	Fungal and Mycotoxins Assessment of Honeysuckle in China. <i>Current Analytical Chemistry</i> , 2018 , 14, 465-473		
59	Qualitative analysis of Psoraleae Fructus by HPLC-DAD/TOF-MS fingerprint and quantitative analysis of multiple components by single marker. <i>Biomedical Chromatography</i> , 2018 , 32, e4059	1.7	13
58	On-line monitoring of extraction process of Flos Loniceræ Japonicæ using near infrared spectroscopy combined with synergy interval PLS and genetic algorithm. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 182, 73-80	4.4	56
57	Mid-infrared and near-infrared spectroscopy for rapid detection of Gardeniæ Fructus by a liquid-liquid extraction process. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 145, 1-9	3.5	14
56	Chemical profiling and antioxidant evaluation of Yangxinshi Tablet by HPLC-ESI-Q-TOF-MS/MS combined with DPPH assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1060, 262-271	3.2	36
55	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. <i>Food Control</i> , 2017 , 79, 177-184	6.2	46
54	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 <i>Salviae miltiorrhizae Radix et Rhizoma (Danshen)</i> . <i>Journal of Chromatography A</i> , 2017 , 1482, 1-10	4.5	23
53	Immobilized fusion protein affinity chromatography combined with HPLC-ESI-Q-TOF-MS/MS for rapid screening of PPAR α ligands from natural products. <i>Talanta</i> , 2017 , 165, 508-515	6.2	14
52	Characterization of Toad Skin for Traditional Chinese Medicine by Near-Infrared Spectroscopy and Chemometrics. <i>Analytical Letters</i> , 2017 , 50, 1292-1306	2.2	3
51	Rapid measurement of epimedin A, epimedin B, epimedin C, icariin, and moisture in <i>Herba Epimedii</i> using near infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 171, 351-360	4.4	36
50	Drug-protein binding of Danhong injection and the potential influence of drug combination with aspirin: Insight by ultrafiltration LC-MS and molecular modeling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 100-107	3.5	20
49	Optimization of integrated extraction-adsorption process for the extraction and purification of total flavonoids from <i>Scutellariæ barbatae herba</i> . <i>Separation and Purification Technology</i> , 2017 , 175, 203-212	8.3	23
48	Quality evaluation of moluodan concentrated pill using high-performance liquid chromatography fingerprinting coupled with chemometrics. <i>Journal of Separation Science</i> , 2016 , 39, 4673-4680	3.4	5
47	An approach combining real-time release testing with near-infrared spectroscopy to improve quality control efficiency of <i>Rhizoma paridis</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 157, 186-191	4.4	22
46	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. <i>Journal of Near Infrared Spectroscopy</i> , 2016 , 24, 171-178	1.5	12
45	Indirect identification of antioxidants in <i>Polygalæ Radix</i> through their reaction with 2,2-diphenyl-1-picrylhydrazyl and subsequent HPLC-ESI-Q-TOF-MS/MS. <i>Talanta</i> , 2015 , 144, 830-5	6.2	23
44	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. <i>Journal of Chromatography A</i> , 2015 , 1423, 177-82	4.5	28

43	An efficient procedure for preparing main acylated pentasaccharides from Polygalae Radix using integrated extraction-adsorption method followed by semi-preparative high performance liquid chromatography. <i>Separation and Purification Technology</i> , 2015 , 153, 84-90	8.3	5
42	Quality Control of Ginkgo Biloba Leaves by Real Time Release Testing in Combination with near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2015 , 23, 381-389	1.5	2
41	Development of a method using high-performance liquid chromatographic fingerprint and multi-ingredients quantitative analysis for the quality control of Yangxinshi Pian. <i>Journal of Separation Science</i> , 2015 , 38, 2989-94	3.4	14
40	Near-Infrared Spectroscopy as an Analytical Process Technology for the On-Line Quantification of Water Precipitation Processes during Danhong Injection. <i>International Journal of Analytical Chemistry</i> , 2015 , 2015, 313471	1.4	11
39	Studies on the total synthesis of tenuifoliside B. <i>Tetrahedron</i> , 2014 , 70, 3757-3761	2.4	5
38	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 in Lentinula edodes. <i>Journal of Separation Science</i> , 2014 , 37, 1957-66	3.4	19
37	Simple and efficient preparation of 3,6?-disinapoylsucrose from Polygalae Radix via column chromatographic extraction and reversed-phase flash chromatography. <i>Separation and Purification Technology</i> , 2014 , 135, 7-13	8.3	5
36	Application of particle swarm optimization-based least square support vector machine in quantitative analysis of extraction solution of yangxinshi tablet using near infrared spectroscopy. <i>Journal of Innovative Optical Health Sciences</i> , 2014 , 07, 1450011	1.2	3
35	Simultaneous determination of aflatoxin B1, aflatoxin B2, mycophenolic acid and sterigmatocystin in grape pomace by UHPLC-MS/MS. <i>World Mycotoxin Journal</i> , 2014 , 7, 121-129	2.5	5
34	Near infrared spectroscopy in combination with chemometrics as a process analytical technology (PAT) tool for on-line quantitative monitoring of alcohol precipitation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 77, 32-9	3.5	34
33	Quantitative analysis combined with chromatographic fingerprint for comprehensive evaluation of Danhong injection using HPLC-DAD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 76, 70-4	3.5	74
32	Investigation of an on-line detection method combining near infrared spectroscopy with local partial least squares regression for the elution process of sodium aescinate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 109, 68-78	4.4	4
31	Rapid and Quantitative Detection Method for Acteoside during Chromatographic Purification of Adhesive Rehmannia Leaf Extract Using near Infrared Spectroscopy and Chemometrics. <i>Journal of Near Infrared Spectroscopy</i> , 2013 , 21, 43-53	1.5	5
30	An ultra-pressure liquid chromatography-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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 58, 94-101	3.5	11
29	NIR spectroscopy as a process analytical technology (PAT) tool for on-line and real-time monitoring of an extraction process. <i>Vibrational Spectroscopy</i> , 2012 , 58, 109-118	2.1	42
28	Three-in-one agonists for PPAR- α , PPAR- β , and PPAR- γ from traditional Chinese medicine. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012 , 30, 662-83	3.6	41
27	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 71, 54-62	3.5	24
26	Establishment of an isotope dilution LC-MS/MS method revealing kinetics and distribution of co-occurring mycotoxins in rats. <i>Analytical Methods</i> , 2012 , 4, 3708	3.2	6

25	Multianalysis of 35 mycotoxins in traditional Chinese medicines by ultra-high-performance liquid chromatography-tandem mass spectrometry coupled with accelerated solvent extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8233-47	5.7	47
24	Quantitative and transformation product analysis of major active physalins from <i>Physalis alkekengi</i> var. <i>franchetii</i> (Chinese lantern) using ultraperformance liquid chromatography with electrospray ionisation tandem mass spectrometry and time-of-flight mass spectrometry. <i>Phytochemical Analysis</i> , 2011 , 22, 107-114	3.4	16
23	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. <i>Phytomedicine</i> , 2011 , 18, 443-50	6.5	26
22	A rapid method for simultaneous determination of zearalenone, β -zearalenol, β -zearalenol, zearalanone, β -zearalanol and β -zearalanol in traditional Chinese medicines by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 411-20	3.2	37
21	Monitoring of antisolvent crystallization of sodium scutellarein by combined FBRM-PVM-NIR. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 2452-9	3.9	20
20	Plasma pharmacokinetics and tissue distribution study of physalin D in rats by ultra-pressure liquid chromatography with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 443-8	3.2	11
19	In-line monitoring of extraction process of scutellarein from <i>Erigeron breviscapus</i> (vant.) Hand-Mazz based on qualitative and quantitative uses of near-infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 79, 934-9	4.4	25
18	Solubility of Physalin D in Ethanol, Methanol, Propanone, Trichloromethane, Ethyl Ethanoate, and Water at Temperatures from (283.2 to 313.2) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3690-3692	2.8	15
17	Solubility of Scutellarin in Methanol, Water, Ethanol, and Ethanol + Water Binary Mixtures from (293.2 to 333.2) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5299-5301	2.8	8
16	Simultaneous determination of 10 mycotoxins in grain by ultra-high-performance liquid chromatography-tandem mass spectrometry using β -deoxynivalenol as internal standard. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010 , 27, 1701-12	3.2	39
15	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. <i>Analytica Chimica Acta</i> , 2010 , 664, 165-71	6.6	81
14	Separation and quantitative determination of sesquiterpene lactones in <i>Lindera aggregata</i> (wu-yao) by ultra-performance LC-MS/MS. <i>Journal of Separation Science</i> , 2010 , 33, 1072-8	3.4	22
13	A rapid method with ultra-high-performance liquid chromatography-tandem mass spectrometry for simultaneous determination of five type B trichothecenes in traditional Chinese medicines. <i>Journal of Separation Science</i> , 2010 , 33, 1923-32	3.4	20
12	Development of the fingerprint for the quality of <i>Radix Linderae</i> through ultra-pressure liquid chromatography-photodiode array detection/electrospray ionization mass spectrometry. <i>Journal of Separation Science</i> , 2010 , 33, 2734-42	3.4	12
11	A reliable isotope dilution method for simultaneous determination of fumonisins B1, B2 and B3 in traditional Chinese medicines by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2010 , 33, 2723-33	3.4	33
10	Simultaneous determination of aflatoxins B1, B2, G1, G2, M1 and M2 in peanuts and their derivative products by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2010 , 662, 62-8	6.6	83
9	Simultaneous determination of bovine alpha-lactalbumin and beta-lactoglobulin in infant formulae by ultra-high-performance liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2010 , 667, 96-102	6.6	28
8	Analysis of ochratoxin A and ochratoxin B in traditional Chinese medicines by ultra-high-performance liquid chromatography-tandem mass spectrometry using [(13)C(20)]-ochratoxin A as an internal standard. <i>Journal of Chromatography A</i> , 2010 , 1217, 4365-74	4.5	46

7	Simultaneous Determination of Four Alkaloids in Gan-Yan-Ling Injection by GC-MS. <i>Chromatographia</i> , 2009 , 70, 299-303	2.1	5
6	Determination of Pharmacokinetics of Tanshinone II A in Mouse Plasma and Brain by High Performance Liquid Chromatography. <i>Chinese Journal of Analytical Chemistry</i> , 2008 , 36, 1677-1682	1.6	3
5	Simultaneous determination of four alkaloids in <i>Lindera aggregata</i> by ultra-high-pressure liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1212, 76-81	4.5	43
4	Simultaneous Determination of Three Flavonoids in Rat Plasma by RP-LC After Oral Administration of the Total Flavonoids of <i>Scutellaria barbata</i> . <i>Chromatographia</i> , 2008 , 68, 823-828	2.1	3
3	Determination of quinolizidine alkaloids in <i>Sophora flavescens</i> and its preparation using capillary electrophoresis. <i>Biomedical Chromatography</i> , 2006 , 20, 446-50	1.7	17
2	A sensitive and specific HPLC-MS method for the determination of sophoridine, sophocarpine and matrine in rabbit plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 1595-600	4.4	24
1	Determination of Sophocarpine, Matrine, and Sophoridine in KUHUANG Injection by GC-MS. <i>Journal of Analytical Chemistry</i> , 2005 , 60, 967-973	1.1	11