Yuan-Zhong Wang

List of Publications by Year
in descending order

133	3,185	185998 28	233125 45
papers	citations	h-index	g-index

139	139	139	2119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A mini-review of chemical composition and nutritional value of edible wild-grown mushroom from China. Food Chemistry, 2014, 151, 279-285.	4.2	286
2	Mycology, cultivation, traditional uses, phytochemistry and pharmacology of Wolfiporia cocos (Schwein.) Ryvarden et Gilb.: A review. Journal of Ethnopharmacology, 2013, 147, 265-276.	2.0	141
3	FT-MIR and NIR spectral data fusion: a synergetic strategy for the geographical traceability of Panax notoginseng. Analytical and Bioanalytical Chemistry, 2018, 410, 91-103.	1.9	97
4	Ethnobotany, Phytochemistry and Pharmacological Properties of Eucommia ulmoides: A Review. The American Journal of Chinese Medicine, 2019, 47, 259-300.	1.5	92
5	Phytochemistry and Pharmacological Activities of the Genus Gentiana (Gentianaceae). Chemistry and Biodiversity, 2016, 13, 107-150.	1.0	75
6	The Genome Sequences of 90 Mushrooms. Scientific Reports, 2018, 8, 9982.	1.6	73
7	Geographical traceability of wild Boletus edulis based on data fusion of FT-MIR and ICP-AES coupled with data mining methods (SVM). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 177, 20-27.	2.0	71
8	Traditional uses, chemical components and pharmacological activities of the genus Ganoderma P. Karst.: a review. RSC Advances, 2020, 10, 42084-42097.	1.7	59
9	Traditional uses, chemical diversity and biological activities of Panax L. (Araliaceae): A review. Journal of Ethnopharmacology, 2020, 263, 112792.	2.0	57
10	Evaluation of Mercury Contamination in Fungi Boletus Species from Latosols, Lateritic Red Earths, and Red and Yellow Earths in the Circum-Pacific Mercuriferous Belt of Southwestern China. PLoS ONE, 2015, 10, e0143608.	1.1	55
11	Trace element content of Boletus tomentipes mushroom collected from Yunnan, China. Food Chemistry, 2011, 127, 1828-1830.	4.2	51
12	De Novo Assembly and Characterization of the Transcriptome of the Chinese Medicinal Herb, Gentiana rigescens. International Journal of Molecular Sciences, 2015, 16, 11550-11573.	1.8	47
13	Arsenic speciation in mushrooms using dimensional chromatography coupled to ICP-MS detector. Chemosphere, 2019, 233, 223-233.	4.2	46
14	Discrimination of Gentiana rigescens from Different Origins by Fourier Transform Infrared Spectroscopy Combined with Chemometric Methods. Journal of AOAC INTERNATIONAL, 2015, 98, 22-26.	0.7	43
15	Traceability of wild Paris polyphylla Smith var. yunnanensis based on data fusion strategy of FT-MIR and UVâ€“Vis combined with SVM and random forest. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 479-488.	2.0	43
16	Arsenic and arsenic speciation in mushrooms from China: A review. Chemosphere, 2020, 246, 125685.	4.2	41
17	Data Fusion of Fourier Transform Mid-Infrared (MIR) and Near-Infrared (NIR) Spectroscopies to Identify Geographical Origin of Wild Paris polyphylla var. yunnanensis. Molecules, 2019, 24, 2559.	1.7	38
18	Geographical discrimination of Boletus edulis using two dimensional correlation spectral or integrative two dimensional correlation spectral image with ResNet. Food Control, 2021, 129, 108132.	2.8	38

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19	Quality Assessment of Gentiana rigescens from Different Geographical Origins Using FT-IR Spectroscopy Combined with HPLC. Molecules, 2017, 22, 1238.	1.7	37
20	A practical method superior to traditional spectral identification: Two-dimensional correlation spectroscopy combined with deep learning to identify Paris species. Microchemical Journal, 2021, 160, 105731.	2.3	37
21	Deep learning for species identification of bolete mushrooms with two-dimensional correlation spectral (2DCOS) images. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 249, 119211.	2.0	36
22	Discrimination of Wild Paris Based on Near Infrared Spectroscopy and High Performance Liquid Chromatography Combined with Multivariate Analysis. PLoS ONE, 2014, 9, e89100.	1.1	36
23	Geographic identification of Boletus mushrooms by data fusion of FT-IR and UV spectroscopies combined with multivariate statistical analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 198, 257-263.	2.0	34
24	Synergistic strategy for the geographical traceability of wild Boletus tomentipes by means of data fusion analysis. Microchemical Journal, 2018, 140, 38-46.	2.3	33
25	Assessing the impacts of climate change and habitat suitability on the distribution and quality of medicinal plant using multiple information integration: Take Gentiana rigescens as an example. Ecological Indicators, 2021, 123, 107376.	2.6	33
26	Attenuated Total Reflection-Fourier Transform Infrared Spectroscopy (ATR-FTIR) Combined with Chemometrics Methods for the Classification of Lingzhi Species. Molecules, 2019, 24, 2210.	1.7	32
27	A fast multi-source information fusion strategy based on FTIR spectroscopy for geographical authentication of wild Gentiana rigescens. Microchemical Journal, 2020, 159, 105360.	2.3	32
28	Arsenic Concentrations and Associated Health Risks in Laccaria Mushrooms from Yunnan (SW China). Biological Trace Element Research, 2015, 164, 261-266.	1.9	31
29	Quantitative and Qualitative Characterization of Gentiana rigescens Franch (Gentianaceae) on Different Parts and Cultivations Years by HPLC and FTIR Spectroscopy. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-10.	0.7	31
30	Feature Fusion of ICP-AES, UV-Vis and FT-MIR for Origin Traceability of Boletus edulis Mushrooms in Combination with Chemometrics. Sensors, 2018, 18, 241.	2.1	31
31	Evaluation of heavy metal concentrations of edible wild-grown mushrooms from China. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 178-183.	0.7	30
32	Rapid and simple determination of polyphyllin I, II, VI, and VII in different harvest times of cultivated Paris polyphylla Smith var. yunnanensis (Franch.) Hand.-Mazz by UPLC-MS/MS and FT-IR. Journal of Natural Medicines, 2017, 71, 139-147.	1.1	30
33	Traceability of Boletaceae mushrooms using data fusion of UVâ€“visible and FTIR combined with chemometrics methods. Journal of the Science of Food and Agriculture, 2018, 98, 2215-2222.	1.7	30
34	Comprehensive quality assessment of Dendrubium officinale using ATR-FTIR spectroscopy combined with random forest and support vector machine regression. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 637-648.	2.0	28
35	Multi-platform integration based on NIR and UVâ€“Vis spectroscopies for the geographical traceability of the fruits of Amomum tsao-ko. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 258, 119872.	2.0	28
36	Determination of Iridoids in Gentiana rigescens by Infrared Spectroscopy and Multivariate Analysis. Analytical Letters, 2017, 50, 389-401.	1.0	27

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37	Discrimination of Gentiana and Its Related Species Using IR Spectroscopy Combined with Feature Selection and Stacked Generalization. Molecules, 2020, 25, 1442.	1.7	27
38	Phytochemicals and bioactivities ofParisspecies. Journal of Asian Natural Products Research, 2011, 13, 670-681.	0.7	25
39	A fast and effective way for authentication of Dendrobium species: 2DCOS combined with ResNet based on feature bands extracted by spectrum standard deviation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 120070.	2.0	25
40	Optimization of ultrasonic extraction by response surface methodology combined with ultrafast liquid chromatographyâ€“ultraviolet method for determination of four iridoids in Gentiana rigescens. Journal of Food and Drug Analysis, 2015, 23, 529-537.	0.9	24
41	Effect of cultivation years on saponins in Paris Polyphylla var. yunnanensis using ultra-high liquid chromatographyâ€“tandem mass spectrometry and Fourier transform infrared spectroscopy. Plant Growth Regulation, 2018, 84, 373-381.	1.8	24
42	Deep learning for geographical discrimination of Panax notoginseng with directly near-infrared spectra image. Chemometrics and Intelligent Laboratory Systems, 2020, 197, 103913.	1.8	24
43	Study on the identification and evaluation of growth years for Paris polyphylla var. yunnanensis using deep learning combined with 2DCOS. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 120033.	2.0	24
44	Application of Authentication Evaluation Techniques of Ethnobotanical Medicinal Plant Genus Paris: A Review. Critical Reviews in Analytical Chemistry, 2020, 50, 405-423.	1.8	23
45	Geographical Authentication of Macrohyporia cocos by a Data Fusion Method Combining Ultra-Fast Liquid Chromatography and Fourier Transform Infrared Spectroscopy. Molecules, 2019, 24, 1320.	1.7	22
46	Contents of Some Metabolites in the Peel and Flesh of the Medicinal Mushroom Wolfiporia cocos (F.A. Wolf) Ryvarden et Gilb. (Higher Basidiomycetes). International Journal of Medicinal Mushrooms, 2012, 14, 79-83.	0.9	22
47	Comprehensive Quality Assessment Based Specific Chemical Profiles for Geographic and Tissue Variation in Gentiana rigescens Using HPLC and FTIR Method Combined with Principal Component Analysis. Frontiers in Chemistry, 2017, 5, 125.	1.8	21
48	Classification of Paris species according to botanical and geographical origins based on spectroscopic, chromatographic, conventional chemometric analysis and data fusion strategy. Microchemical Journal, 2018, 143, 367-378.	2.3	21
49	Mercury in raw mushrooms and in stir-fried in deep oil mushroom meals. Journal of Food Composition and Analysis, 2019, 82, 103239.	1.9	21
50	Application of Identification and Evaluation Techniques for Ethnobotanical Medicinal Plant of Genus Panax: A Review. Critical Reviews in Analytical Chemistry, 2021, 51, 373-398.	1.8	21
51	Chemotaxonomic Studies of Nine Gentianaceae Species from Western <scp>China</scp> Based on Liquid Chromatography Tandem Mass Spectrometry and Fourier Transform Infrared Spectroscopy. Phytochemical Analysis, 2016, 27, 158-167.	1.2	20
52	Evaluation and quantitative analysis of different growth periods of herbâ€“arbor intercropping systems using HPLC and UVâ€“vis methods coupled with chemometrics. Journal of Natural Medicines, 2016, 70, 803-810.	1.1	20
53	FT-MIR and UVâ€“vis data fusion strategy for origins discrimination of wild Paris Polyphylla Smith var. yunnanensis. Vibrational Spectroscopy, 2018, 96, 125-136.	1.2	20
54	Differentiation and comparison of Wolfiporia cocos raw materials based on multi-spectral information fusion and chemometric methods. Scientific Reports, 2018, 8, 13043.	1.6	20

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55	Geographical traceability of cultivated Paris polyphylla var. yunnanensis using ATR-FTMIR spectroscopy with three mathematical algorithms. Analytical Methods, 2019, 11, 113-122.	1.3	20
56	Method Superior to Traditional Spectral Identification: FT-NIR Two-Dimensional Correlation Spectroscopy Combined with Deep Learning to Identify the Shelf Life of Fresh Phlebopus portentosus. ACS Omega, 2021, 6, 19665-19674.	1.6	20
57	Investigation of chemical diversity in different parts and origins of ethnomedicine Gentiana rigescens Franch using targeted metabolite profiling and multivariate statistical analysis. Biomedical Chromatography, 2016, 30, 232-240.	0.8	19
58	Chemotaxonomic studies of nine Paris species from China based on ultra-high performance liquid chromatography tandem mass spectrometry and Fourier transform infrared spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2017, 140, 20-30.	1.4	19
59	Superiority Verification of Deep Learning in the Identification of Medicinal Plants: Taking Paris polyphylla var. yunnanensis as an Example. Frontiers in Plant Science, 2021, 12, 752863.	1.7	19
60	Ultraviolet spectroscopy combined with ultra-fast liquid chromatography and multivariate statistical analysis for quality assessment of wild Wolfiporia extensa from different geographical origins. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 165, 61-68.	2.0	18
61	An additional data fusion strategy for the discrimination of porcini mushrooms from different species and origins in combination with four mathematical algorithms. Food and Function, 2018, 9, 5903-5911.	2.1	18
62	Structural characterisation and discrimination of the aerial parts of Paris polyphylla var. yunnanensis and Paris polyphylla var. chinensis by UHPLCâ€QTOFâ€MS coupled with multivariate data analysis. Phytochemical Analysis, 2019, 30, 437-446.	1.2	18
63	Geographic Authentication of Eucommia ulmoides Leaves Using Multivariate Analysis and Preliminary Study on the Compositional Response to Environment. Frontiers in Plant Science, 2020, 11, 79.	1.7	18
64	A Comprehensive and Comparative Study of Wolfiporia extensa Cultivation Regions by Fourier Transform Infrared Spectroscopy and Ultra-Fast Liquid Chromatography. PLoS ONE, 2016, 11, e0168998.	1.1	18
65	Effects on volatile oil and volatile compounds of Amomum tsao-ko with different pre-drying and drying methods. Industrial Crops and Products, 2021, 174, 114168.	2.5	18
66	Fourier transform mid-infrared spectroscopy and chemometrics to identify and discriminate Boletus edulis and Boletus tomentipes mushrooms. International Journal of Food Properties, 2017, 20, S56-S68.	1.3	17
67	Quantitative evaluation and discrimination of wild Paris polyphylla var. yunnanensis (Franch.) Hand.-Mazz from three regions of Yunnan Province using UHPLCâ€“UVâ€“MS and UV spectroscopy couple with partial least squares discriminant analysis. Journal of Natural Medicines, 2017, 71, 148-157.	1.1	17
68	Quantitative Analysis in Combination with Fingerprint Technology and Chemometric Analysis Applied for Evaluating Six Species of Wild Paris Using UHPLC-UV-MS. Journal of Analytical Methods in Chemistry, 2016, 2016, 1-9.	0.7	16
69	Geographical Authentication of Gentiana Rigescens by High-Performance Liquid Chromatography and Infrared Spectroscopy. Analytical Letters, 2018, 51, 2173-2191.	1.0	16
70	Authentication of Dendrobium Species Using Near-Infrared and Ultravioletâ€“Visible Spectroscopy with Chemometrics and Data Fusion. Analytical Letters, 2018, 51, 2792-2821.	1.0	16
71	Traceability the provenience of cultivated Paris polyphylla Smith var. yunnanensis using ATR-FTIR spectroscopy combined with chemometrics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 212, 132-145.	2.0	16
72	Contents and Health Risk Assessment of Elements in Three Edible Ectomycorrhizal Fungi (Boletaceae) from Polymetallic Soils in Yunnan Province, SW China. Biological Trace Element Research, 2020, 195, 250-259.	1.9	16

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73	Study on Quality Response to Environmental Factors and Geographical Traceability of Wild Gentiana rigescens Franch. Frontiers in Plant Science, 2020, 11, 1128.	1.7	16
74	Characterization of Gentiana rigescens by Ultravioletâ€“Visible and Infrared Spectroscopies with Chemometrics. Analytical Letters, 2017, 50, 1497-1511.	1.0	15
75	Application of variable selection in the origin discrimination of Wolfiporia cocos (F.A. Wolf) Ryvarden & Gilb. based on near infrared spectroscopy. Scientific Reports, 2018, 8, 89.	1.6	15
76	2DCOS combined with CNN and blockchain to trace the species of boletes. Microchemical Journal, 2022, 177, 107260.	2.3	15
77	Assessing Geographical Origin of Gentiana Rigescens Using Untargeted Chromatographic Fingerprint, Data Fusion and Chemometrics. Molecules, 2019, 24, 2562.	1.7	14
78	Geographical traceability of Eucommia ulmoides leaves using attenuated total reflection Fourier transform infrared and ultraviolet-visible spectroscopy combined with chemometrics and data fusion. Industrial Crops and Products, 2021, 160, 113090.	2.5	14
79	Characteristic Fingerprint Based on Low Polar Constituents for Discrimination ofWolfiporia extensaaccording to Geographical Origin Using UV Spectroscopy and Chemometrics Methods. Journal of Analytical Methods in Chemistry, 2014, 2014, 1-9.	0.7	13
80	Geographic Characterization of Leccinum rugosiceps by Ultraviolet and Infrared Spectral Fusion. Analytical Letters, 2017, 50, 2257-2269.	1.0	13
81	Comparison and Identification for Rhizomes and Leaves of Paris yunnanensis Based on Fourier Transform Mid-Infrared Spectroscopy Combined with Chemometrics. Molecules, 2018, 23, 3343.	1.7	13
82	Identification of Gentiana rigescens from different geographical origins based on HPLC and FTIR fingerprints. Analytical Methods, 2020, 12, 2260-2271.	1.3	13
83	Characterization of Paris polyphylla var. yunnanensis by Infrared and Ultraviolet Spectroscopies with Chemometric Data Fusion. Analytical Letters, 2018, 51, 1730-1742.	1.0	12
84	Identification and evaluation of Polygonatum kingianum with different growth ages based on data fusion strategy. Microchemical Journal, 2021, 160, 105662.	2.3	12
85	Verified the rapid evaluation of the edible safety of wild porcini mushrooms, using deep learning and <scp>PLSâ€ĐA</scp>. Journal of the Science of Food and Agriculture, 2022, 102, 1531-1539.	1.7	12
86	Multi-information based on ATR-FTIR and FT-NIR for identification and evaluation for different parts and harvest time of Dendrobium officinale with chemometrics. Microchemical Journal, 2022, 178, 107430.	2.3	12
87	Development and validation of a UPLC-MS/MS method for the simultaneous determination and detection of four neuritogenic compounds in different parts of Gentiana rigescens Franch using multiple reaction monitoring and precursor ion scanning. Analytical Methods, 2014, 6, 1782.	1.3	11
88	Ultraviolet Spectroscopy Used to Fingerprint Five Wild-Grown Edible Mushrooms (Boletaceae) Collected from Yunnan, China. Journal of Spectroscopy, 2016, 2016, 1-8.	0.6	11
89	Discrimination of Boletaceae mushrooms based on data fusion of FT-IR and ICPâ€“AES combined with SVM. International Journal of Food Properties, 2018, 21, 255-266.	1.3	11
90	Determination of Total Steroid Saponins in Different Species of Paris Using FTIR Combined with Chemometrics. Journal of AOAC INTERNATIONAL, 2018, 101, 732-738.	0.7	11

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91	Original plant traceability of Dendrobium species using multi-spectroscopy fusion and mathematical models. Royal Society Open Science, 2019, 6, 190399.	1.1	11
92	Geographical traceability of Boletaceae mushrooms using data fusion of FT-IR, UV, and ICP-AES combined with SVM. International Journal of Food Properties, 2019, 22, 414-426.	1.3	11
93	Comparison and quantitative analysis of wild and cultivated Macrohyporia cocos using attenuated total refection-Fourier transform infrared spectroscopy combined with ultra-fast liquid chromatography. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117633.	2.0	11
94	Liquid Chromatography Tandem Mass Spectrometry Combined with Fourier Transform Mid-Infrared Spectroscopy and Chemometrics for Comparative Analysis of Raw and Processed Gentiana rigescens. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 1407-1416.	0.5	10
95	Quantitative determination and evaluation of Paris polyphylla var. yunnanensis with different harvesting times using UPLCâ€UVâ€MS and FTâ€IR spectroscopy in combination with partial least squares discriminant analysis. Biomedical Chromatography, 2017, 31, e3913.	0.8	10
96	Fusion of Ultraviolet and Infrared Spectra Using Support Vector Machine and Random Forest Models for the Discrimination of Wild and Cultivated Mushrooms. Analytical Letters, 2020, 53, 1019-1033.	1.0	10
97	A new analytical method for discrimination of species in Ganodermataceae mushrooms. International Journal of Food Properties, 2020, 23, 227-240.	1.3	10
98	Species discrimination and total polyphenol prediction of porcini mushrooms by fourier transform midâ€infrared (FTâ€MIR) spectrometry combined with multivariate statistical analysis. Food Science and Nutrition, 2020, 8, 754-766.	1.5	10
99	Comparison of metabolites and variety authentication of Amomum tsao-ko and Amomum paratsao-ko using GCâ€“MS and NIR spectroscopy. Scientific Reports, 2021, 11, 15200.	1.6	10
100	Exploring Geographical Differentiation of the Hoelen Medicinal Mushroom, Wolfiporia extensa (Agaricomycetes), Using Fourier-Transform Infrared Spectroscopy Combined with Multivariate Analysis. International Journal of Medicinal Mushrooms, 2016, 18, 721-731.	0.9	10
101	Application of infrared spectroscopy combined with chemometrics in mushroom. Applied Spectroscopy Reviews, 2023, 58, 318-345.	3.4	10
102	A fast multi-source information fusion strategy based on deep learning for species identification of boletes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 274, 121137.	2.0	10
103	Anticoagulant activity analysis and origin identification of Panax notoginseng using HPLC and ATRâ€FTIR spectroscopy. Phytochemical Analysis, 2022, 33, 971-981.	1.2	10
104	Geographic origin identification and rapid determination of four constituents of Gentiana rigescens by FTIR combined with chemometrics. Journal of Chemometrics, 2019, 33, e3115.	0.7	9
105	A rapid and effective method for species identification of edible boletes: FT-NIR spectroscopy combined with ResNet. Journal of Food Composition and Analysis, 2022, 112, 104698.	1.9	9
106	Investigation of metabolites accumulation in medical plant Gentiana rigescens during different growing stage using LC-MS/MS and FT-IR. , 2015, 56, 14.		8
107	Extended application of deep learning combined with 2DCOS: Study on origin identification in the medicinal plant of Paris polyphylla var. yunnanensis. Phytochemical Analysis, 2022, 33, 136-150.	1.2	8
108	Variations in Element Levels Accumulated in Different Parts ofBoletus edulisCollected from Central Yunnan Province, China. Journal of Chemistry, 2015, 2015, 1-7.	0.9	7

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109	Capturing the Geoherbalism Differentiation in Wild Paris polyphylla var. yunnanensis Raw Materials through the Application of Multispectral Information Fusion Combined with Chemometrics. ACS Omega, 2019, 4, 18820-18832.	1.6	7
110	Different strategies in biomass allocation across elevation in two Gentiana plants on the Yunnan-Guizhou Plateau, China. Journal of Mountain Science, 2020, 17, 2750-2757.	0.8	7
111	Occurrence, distribution, and associations of essential and non-essential elements in the medicinal and edible fungus â€œFulingâ€•from southern China. Science of the Total Environment, 2022, 831, 155011.	3.9	7
112	Multivariate characterization of elements accumulated inWolfiporia extensamushroom from Yunnan province of China. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 206-213.	0.7	6
113	FTIR and UV spectra for the prediction of triterpene acids in Macrohyporia cocos. Microchemical Journal, 2020, 158, 105167.	2.3	6
114	Geographical traceability and multielement analysis of edible and medicinal fungi: Taking Wolfiporia cocos (F.A. Wolf) Ryvarden and Gilb. as an example. Journal of Food Science, 2021, 86, 770-778.	1.5	6
115	Determination and Multivariate Analysis of Mineral Elements in the Medicinal Hoelen Mushroom, Wolfiporia extensa (Agaricomycetes), from China. International Journal of Medicinal Mushrooms, 2016, 18, 433-444.	0.9	6
116	Multisource information fusion strategies of mass spectrometry and Fourier transform infrared spectroscopy data for authenticating the age and parts of Vietnamese ginseng. Journal of Chemometrics, 2021, 35, e3376.	0.7	6
117	Optimization of Gentisides Extraction fromGentiana rigescensFranch. ex Hemsl. by Response Surface Methodology. Journal of Analytical Methods in Chemistry, 2015, 2015, 1-8.	0.7	5
118	Species and Geographical Origins Discrimination of Porcini Mushrooms Based on FTâ€IR Spectroscopy and Mineral Elements Combined with Sparse Partial Least Squareâ€Discriminant Analysis. Journal of Food Science, 2019, 84, 2112-2120.	1.5	5
119	Multi-source information fusion strategies of aerial parts in FTIR-ATR spectroscopic characterization and classification of Paris polyphylla var. yunnanensis. Journal of Molecular Structure, 2019, 1196, 478-490.	1.8	5
120	Discrimination and evaluation Gentiana rigescensâ€“Camellia sinensis with different planting year using Fourier transform infrared spectroscopy. Agroforestry Systems, 2019, 93, 1157-1166.	0.9	5
121	Investigation of a Medical Plant for Hepatic Diseases with Secoiridoids Using HPLC and FT-IR Spectroscopy for a Case of Gentiana rigescens. Molecules, 2020, 25, 1219.	1.7	5
122	Authentication of Dendrobium Officinale from Similar Species with Infrared and Ultraviolet-Visible Spectroscopies with Data Visualization and Mining. Analytical Letters, 2020, 53, 1774-1793.	1.0	5
123	Pattern recognition: An effective tool for quality assessment of herbal medicine based on chemical information. Journal of Chemometrics, 2021, 35, e3305.	0.7	5
124	Comparison of Geographical Traceability of Wild and Cultivated Macrohyporia cocos with Different Data Fusion Approaches. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-13.	0.7	5
125	The Storage Period Discrimination of Bolete Mushrooms Based on Deep Learning Methods Combined With Two-Dimensional Correlation Spectroscopy and Integrative Two-Dimensional Correlation Spectroscopy. Frontiers in Microbiology, 2021, 12, 771428.	1.5	5
126	Identification of geographical origin and different parts of Wolfiporia cocos from Yunnan in China using PLSâ€DA and ResNet based on FTâ€NIR. Phytochemical Analysis, 2022, , .	1.2	4

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127	Practical Qualitative Evaluation and Screening of Potential Biomarkers for Different Parts of Wolfiporia cocos Using Machine Learning and Network Pharmacology. Frontiers in Microbiology, 0, 13, .	1.5	4
128	Environmental impact on the variability in quality of Gentiana rigescens, a medicinal plant in southwest China. Global Ecology and Conservation, 2020, 24, e01374.	1.0	3
129	Vibrational Spectroscopy Combined with Chemometrics in Authentication of Functional Foods. Critical Reviews in Analytical Chemistry, 2024, 54, 333-354.	1.8	3
130	Rapid identification of the storage duration and species of sliced boletes using nearâ€infrared spectroscopy. Journal of Food Science, 2022, 87, 2908-2919.	1.5	3
131	Rapid identification of total phenolic content levels in boletes by two-dimensional correlation spectroscopy combined with deep learning. Vibrational Spectroscopy, 2022, 121, 103404.	1.2	2
132	The trade-off between growth and reproduction in an alpine herbaceous plant along an elevation gradient. Pakistan Journal of Botany, 2019, 51, .	0.2	1
133	A Novel Multi-Preprocessing Integration Method for the Qualitative and Quantitative Assessment of Wild Medicinal Plants: Gentiana rigescens as an Example. Frontiers in Plant Science, 2021, 12, 759248.	1.7	1