Yuan-Zhong Wang

List of Publications by Year in Descending Order

126 papers	1,896 citations	22 h-index	36 g-index
139 ext. papers	2,616 ext. citations	3.8 avg, IF	5.63 L-index

#	Paper	IF	Citations
126	2DCOS combined with CNN and blockchain to trace the species of boletes. *Microchemical Journal*, **2022**, 177, 107260	4.8	1
125	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	4.4	0
124	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	4.8	0
123	Occurrence, distribution, and associations of essential and non-essential elements in the medicinal and edible fungus "Fuling" from southern China.. *Science of the Total Environment*, **2022**, 831, 155011	10.2	0
122	Vibrational Spectroscopy Combined with Chemometrics in Authentication of Functional Foods.. *Critical Reviews in Analytical Chemistry*, **2022**, 1-22	5.2	0
121	Application of Identification and Evaluation Techniques for Ethnobotanical Medicinal Plant of Genus : A Review. *Critical Reviews in Analytical Chemistry*, **2021**, 51, 373-398	5.2	7
120	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	5.7	2
119	A Novel Multi-Preprocessing Integration Method for the Qualitative and Quantitative Assessment of Wild Medicinal Plants: as an Example. *Frontiers in Plant Science*, **2021**, 12, 759248	6.2	
118	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	1.6	1
117	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	5.9	4
116	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	5.8	9
115	Comparison of metabolites and variety authentication of Amomum tsao-ko and Amomum paratsao-ko using GC-MS and NIR spectroscopy. *Scientific Reports*, **2021**, 11, 15200	4.9	2
114	Extended application of deep learning combined with 2DCOS: Study on origin identification in the medicinal plant of Paris polyphylla var. yunnanensis. *Phytochemical Analysis*, **2021**,	3.4	1
113	Comparison of Geographical Traceability of Wild and Cultivated with Different Data Fusion Approaches. *Journal of Analytical Methods in Chemistry*, **2021**, 2021, 5818999	2	2
112	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	4.4	14
111	Pattern recognition: An effective tool for quality assessment of herbal medicine based on chemical information. *Journal of Chemometrics*, **2021**, 35, e3305	1.6	1
110	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	5.9	3

109	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	4.8	12
108	Identification and evaluation of Polygonatum kingianum with different growth ages based on data fusion strategy. *Microchemical Journal*, **2021**, 160, 105662	4.8	5
107	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	3.4	2
106	Method Superior to Traditional Spectral Identification: FT-NIR Two-Dimensional Correlation Spectroscopy Combined with Deep Learning to Identify the Shelf Life of Fresh. *ACS Omega*, **2021**, 6, 19665-19674	3.9	7
105	Verified the rapid evaluation of the edible safety of wild porcini mushrooms, using deep learning and PLS-DA. *Journal of the Science of Food and Agriculture*, **2021**,	4.3	2
104	Multi-platform integration based on NIR and UV-Vis spectroscopies for the geographical traceability of the fruits of Amomum tsao-ko. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 258, 119872	4.4	6
103	Superiority Verification of Deep Learning in the Identification of Medicinal Plants: Taking var. as an Example. *Frontiers in Plant Science*, **2021**, 12, 752863	6.2	3
102	Geographical discrimination of Boletus edulis using two dimensional correlation spectral or integrative two dimensional correlation spectral image with ResNet. *Food Control*, **2021**, 129, 108132	6.2	5
101	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	4.4	3
100	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	4.4	6
99	Environmental impact on the variability in quality of Gentiana rigescens, a medicinal plant in southwest China. *Global Ecology and Conservation*, **2020**, 24, e01374	2.8	0
98	Investigation of a Medical Plant for Hepatic Diseases with Secoiridoids Using HPLC and FT-IR Spectroscopy for a Case of. *Molecules*, **2020**, 25,	4.8	3
97	Geographic Authentication of Leaves Using Multivariate Analysis and Preliminary Study on the Compositional Response to Environment. *Frontiers in Plant Science*, **2020**, 11, 79	6.2	6
96	FTIR and UV spectra for the prediction of triterpene acids in Macrohyporia cocos. *Microchemical Journal*, **2020**, 158, 105167	4.8	2
95	A new analytical method for discrimination of species in Ganodermataceae mushrooms. *International Journal of Food Properties*, **2020**, 23, 227-240	3	5
94	Species discrimination and total polyphenol prediction of porcini mushrooms by fourier transform mid-infrared (FT-MIR) spectrometry combined with multivariate statistical analysis. *Food Science and Nutrition*, **2020**, 8, 754-766	3.2	6
93	Authentication of Dendrobium Officinale from Similar Species with Infrared and Ultraviolet-Visible Spectroscopies with Data Visualization and Mining. *Analytical Letters*, **2020**, 53, 1774-1793	2.2	3
92	Identification of Gentiana rigescens from different geographical origins based on HPLC and FTIR fingerprints. *Analytical Methods*, **2020**, 12, 2260-2271	3.2	5

91	Traditional uses, chemical components and pharmacological activities of the genus P. Karst.: a review.. *RSC Advances*, **2020**, 10, 42084-42097	3.7	20
90	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	2.2	4
89	Deep learning for geographical discrimination of Panax notoginseng with directly near-infrared spectra image. *Chemometrics and Intelligent Laboratory Systems*, **2020**, 197, 103913	3.8	6
88	Arsenic and arsenic speciation in mushrooms from China: A review. *Chemosphere*, **2020**, 246, 125685	8.4	28
87	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	2.1	1
86	Study on Quality Response to Environmental Factors and Geographical Traceability of Wild s Franch. *Frontiers in Plant Science*, **2020**, 11, 1128	6.2	5
85	A fast multi-source information fusion strategy based on FTIR spectroscopy for geographical authentication of wild Gentiana rigescens. *Microchemical Journal*, **2020**, 159, 105360	4.8	12
84	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	4.4	4
83	Application of Authentication Evaluation Techniques of Ethnobotanical Medicinal Plant Genus : A Review. *Critical Reviews in Analytical Chemistry*, **2020**, 50, 405-423	5.2	11
82	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	4.5	11
81	Traditional uses, chemical diversity and biological activities of Panax L. (Araliaceae): A review. *Journal of Ethnopharmacology*, **2020**, 263, 112792	5	24
80	Discrimination of and Its Related Species Using IR Spectroscopy Combined with Feature Selection and Stacked Generalization. *Molecules*, **2020**, 25,	4.8	11
79	Geographical traceability of cultivated Paris polyphylla var. yunnanensis using ATR-FTMIR spectroscopy with three mathematical algorithms. *Analytical Methods*, **2019**, 11, 113-122	3.2	12
78	Arsenic speciation in mushrooms using dimensional chromatography coupled to ICP-MS detector. *Chemosphere*, **2019**, 233, 223-233	8.4	28
77	Original plant traceability of species using multi-spectroscopy fusion and mathematical models. *Royal Society Open Science*, **2019**, 6, 190399	3.3	9
76	Attenuated Total Reflection-Fourier Transform Infrared Spectroscopy (ATR-FTIR) Combined with Chemometrics Methods for the Classification of Lingzhi Species. *Molecules*, **2019**, 24,	4.8	21
75	Mercury in raw mushrooms and in stir-fried in deep oil mushroom meals. *Journal of Food Composition and Analysis*, **2019**, 82, 103239	4.1	17
74	Geographical Authentication of by a Data Fusion Method Combining Ultra-Fast Liquid Chromatography and Fourier Transform Infrared Spectroscopy. *Molecules*, **2019**, 24,	4.8	13

73	Geographic origin identification and rapid determination of four constituents of Gentiana rigescens by FTIR combined with chemometrics. *Journal of Chemometrics*, **2019**, 33, e3115	1.6	5
72	Ethnobotany, Phytochemistry and Pharmacological Properties of Eucommia ulmoides: A Review. *The American Journal of Chinese Medicine*, **2019**, 47, 259-300	6	41
71	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	3	6
70	Species and Geographical Origins Discrimination of Porcini Mushrooms Based on FT-IR Spectroscopy and Mineral Elements Combined with Sparse Partial Least Square-Discriminant Analysis. *Journal of Food Science*, **2019**, 84, 2112-2120	3.4	3
69	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	3.4	3
68	Assessing Geographical Origin of Using Untargeted Chromatographic Fingerprint, Data Fusion and Chemometrics. *Molecules*, **2019**, 24,	4.8	9
67	Data Fusion of Fourier Transform Mid-Infrared (MIR) and Near-Infrared (NIR) Spectroscopies to Identify Geographical Origin of Wild var.. *Molecules*, **2019**, 24,	4.8	21
66	Capturing the Geoherbalism Differentiation in Wild var. Raw Materials through the Application of Multispectral Information Fusion Combined with Chemometrics. *ACS Omega*, **2019**, 4, 18820-18832	3.9	3
65	Structural characterisation and discrimination of the aerial parts of Paris polyphylla var. yunnanensis and Paris polyphylla var. chinensis by UHPLC-QTOF-MS coupled with multivariate data analysis. *Phytochemical Analysis*, **2019**, 30, 437-446	3.4	10
64	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	4.4	13
63	Discrimination and evaluation Gentiana rigescens□Camellia sinensis with different planting year using Fourier transform infrared spectroscopy. *Agroforestry Systems*, **2019**, 93, 1157-1166	2	2
62	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	4.4	21
61	Geographical Authentication of Gentiana Rigescens by High-Performance Liquid Chromatography and Infrared Spectroscopy. *Analytical Letters*, **2018**, 51, 2173-2191	2.2	14
60	Synergistic strategy for the geographical traceability of wild Boletus tomentipes by means of data fusion analysis. *Microchemical Journal*, **2018**, 140, 38-46	4.8	24
59	FT-MIR and UV□is data fusion strategy for origins discrimination of wild Paris Polyphylla Smith var. yunnanensis. *Vibrational Spectroscopy*, **2018**, 96, 125-136	2.1	16
58	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	4.9	13
57	Characterization of Paris polyphylla var. yunnanensis by Infrared and Ultraviolet Spectroscopies with Chemometric Data Fusion. *Analytical Letters*, **2018**, 51, 1730-1742	2.2	11
56	Traceability of Boletaceae mushrooms using data fusion of UV-visible and FTIR combined with chemometrics methods. *Journal of the Science of Food and Agriculture*, **2018**, 98, 2215-2222	4.3	23

55	Traceability of wild Paris polyphylla Smith var. yunnanensis based on data fusion strategy of FT-MIR and UV-Vis combined with SVM and random forest. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 205, 479-488	4.4	26
54	Feature Fusion of ICP-AES, UV-Vis and FT-MIR for Origin Traceability of Boletus edulis Mushrooms in Combination with Chemometrics. *Sensors*, **2018**, 18,	3.8	21
53	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	4.4	20
52	Discrimination of Boletaceae mushrooms based on data fusion of FT-IR and ICP-AES combined with SVM. *International Journal of Food Properties*, **2018**, 21, 255-266	3	9
51	Determination of Total Steroid Saponins in Different Species of Using FTIR Combined with Chemometrics. *Journal of AOAC INTERNATIONAL*, **2018**, 101, 732-738	1.7	7
50	Effect of cultivation years on saponins in Paris Polyphylla var. yunnanensis using ultra-high liquid chromatography-tandem mass spectrometry and Fourier transform infrared spectroscopy. *Plant Growth Regulation*, **2018**, 84, 373-381	3.2	17
49	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	4.4	62
48	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	6.1	10
47	Comparison and Identification for Rhizomes and Leaves of Paris yunnanensis Based on Fourier Transform Mid-Infrared Spectroscopy Combined with Chemometrics. *Molecules*, **2018**, 23,	4.8	11
46	Authentication of Dendrobium Species Using Near-Infrared and Ultraviolet-Visible Spectroscopy with Chemometrics and Data Fusion. *Analytical Letters*, **2018**, 51, 2792-2821	2.2	14
45	Differentiation and comparison of Wolfiporia cocos raw materials based on multi-spectral information fusion and chemometric methods. *Scientific Reports*, **2018**, 8, 13043	4.9	14
44	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	4.8	16
43	The Genome Sequences of 90 Mushrooms. *Scientific Reports*, **2018**, 8, 9982	4.9	39
42	Determination of Iridoids in Gentiana rigescens by Infrared Spectroscopy and Multivariate Analysis. *Analytical Letters*, **2017**, 50, 389-401	2.2	11
41	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	4.4	53
40	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	2.2	26
39	Multivariate characterization of elements accumulated in Wolfiporia extensa mushroom from Yunnan province of China. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2017**, 52, 206-213	2.2	5
38	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	3	12

37	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	3.5	15
36	Quantitative determination and evaluation of Paris polyphylla var. yunnanensis with different harvesting times using UPLC-UV-MS and FT-IR spectroscopy in combination with partial least squares discriminant analysis. *Biomedical Chromatography*, **2017**, 31, e3913	1.7	8
35	Quantitative and Qualitative Characterization of Franch (Gentianaceae) on Different Parts and Cultivations Years by HPLC and FTIR Spectroscopy. *Journal of Analytical Methods in Chemistry*, **2017**, 2017, 3194146	2	14
34	Characterization of Gentiana rigescens by Ultraviolet Visible and Infrared Spectroscopies with Chemometrics. *Analytical Letters*, **2017**, 50, 1497-1511	2.2	11
33	Geographic Characterization of Leccinum rugosiceps by Ultraviolet and Infrared Spectral Fusion. *Analytical Letters*, **2017**, 50, 2257-2269	2.2	10
32	Quantitative evaluation and discrimination of wild Paris polyphylla var. yunnanensis (Franch.) Hand.-Mazz from three regions of Yunnan Province using UHPLC-UV-MS and UV spectroscopy couple with partial least squares discriminant analysis. *Journal of Natural Medicines*, **2017**, 71, 148-157	3.3	16
31	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	3.3	23
30	Quality Assessment of Gentiana rigescens from Different Geographical Origins Using FT-IR Spectroscopy Combined with HPLC. *Molecules*, **2017**, 22,	4.8	18
29	Comprehensive Quality Assessment Based Specific Chemical Profiles for Geographic and Tissue Variation in Using HPLC and FTIR Method Combined with Principal Component Analysis. *Frontiers in Chemistry*, **2017**, 5, 125	5	16
28	Evaluation and quantitative analysis of different growth periods of herb-arbor intercropping systems using HPLC and UV-vis methods coupled with chemometrics. *Journal of Natural Medicines*, **2016**, 70, 803-10	3.3	8
27	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	3.7	16
26	Determination and Multivariate Analysis of Mineral Elements in the Medicinal Hoelen Mushroom, Wolfiporia extensa (Agaricomycetes), from China. *International Journal of Medicinal Mushrooms*, **2016**, 18, 433-44	1.3	6
25	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	1.3	9
24	Quantitative Analysis in Combination with Fingerprint Technology and Chemometric Analysis Applied for Evaluating Six Species of Wild Using UHPLC-UV-MS. *Journal of Analytical Methods in Chemistry*, **2016**, 2016, 3182796	2	10
23	Ultraviolet Spectroscopy Used to Fingerprint Five Wild-Grown Edible Mushrooms (Boletaceae) Collected from Yunnan, China. *Journal of Spectroscopy*, **2016**, 2016, 1-8	1.5	9
22	Phytochemistry and Pharmacological Activities of the Genus Gentiana (Gentianaceae). *Chemistry and Biodiversity*, **2016**, 13, 107-50	2.5	43
21	Chemotaxonomic Studies of Nine Gentianaceae Species from Western China Based on Liquid Chromatography Tandem Mass Spectrometry and Fourier Transform Infrared Spectroscopy. *Phytochemical Analysis*, **2016**, 27, 158-67	3.4	18
20	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, 232-40	1.7	17

19	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	4.4	18
18	Optimization of ultrasonic extraction by response surface methodology combined with ultrafast liquid chromatography-ultraviolet method for determination of four iridoids in Gentiana rigescens. *Journal of Food and Drug Analysis*, **2015**, 23, 529-537	7	16
17	Discrimination of Gentiana rigescens from Different Origins by Fourier Transform Infrared Spectroscopy Combined with Chemometric Methods. *Journal of AOAC INTERNATIONAL*, **2015**, 98, 22-6	1.7	26
16	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	1.3	9
15	Arsenic concentrations and associated health risks in Laccaria mushrooms from Yunnan (SW China). *Biological Trace Element Research*, **2015**, 164, 261-6	4.5	28
14	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	3.7	51
13	Optimization of Gentisides Extraction from Gentiana rigescens Franch. ex Hemsl. by Response Surface Methodology. *Journal of Analytical Methods in Chemistry*, **2015**, 2015, 819067	2	4
12	Variations in Element Levels Accumulated in Different Parts ofBoletus edulisCollected from Central Yunnan Province, China. *Journal of Chemistry*, **2015**, 2015, 1-7	2.3	5
11	Investigation of metabolites accumulation in medical plant Gentiana rigescens during different growing stage using LC-MS/MS and FT-IR. *Botanical Studies*, **2015**, 56, 14	2.3	8
10	De Novo Assembly and Characterization of the Transcriptome of the Chinese Medicinal Herb, Gentiana rigescens. *International Journal of Molecular Sciences*, **2015**, 16, 11550-73	6.3	32
9	A mini-review of chemical composition and nutritional value of edible wild-grown mushroom from China. *Food Chemistry*, **2014**, 151, 279-85	8.5	213
8	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	3.2	10
7	Characteristic Fingerprint Based on Low Polar Constituents for Discrimination of Wolfiporia extensa according to Geographical Origin Using UV Spectroscopy and Chemometrics Methods. *Journal of Analytical Methods in Chemistry*, **2014**, 2014, 519424	2	11
6	Discrimination of wild Paris based on near infrared spectroscopy and high performance liquid chromatography combined with multivariate analysis. *PLoS ONE*, **2014**, 9, e89100	3.7	28
5	Mycology, cultivation, traditional uses, phytochemistry and pharmacology of Wolfiporia cocos (Schwein.) Ryvarden et Gilb.: a review. *Journal of Ethnopharmacology*, **2013**, 147, 265-76	5	100
4	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	1.3	15
3	Trace element content of Boletus tomentipes mushroom collected from Yunnan, China. *Food Chemistry*, **2011**, 127, 1828-1830	8.5	44
2	Phytochemicals and bioactivities of Paris species. *Journal of Asian Natural Products Research*, **2011**, 13, 670-681	1.5	24

1	Application of infrared spectroscopy combined with chemometrics in mushroom. *Applied Spectroscopy Reviews*,1-28	4.5	0