Zhong-Zhen Zhao

List of Publications by Year
in descending order

139	4,591	94433	144013
papers	citations	37 h-index	57 g-index

150	150	150	5141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Unique Issue in the Standardization of Chinese Materia Medica: Processing. Planta Medica, 2010, 76, 1975-1986.	1.3	174
2	Chemistry, bioactivity and quality control of Dendrobium, a commonly used tonic herb in traditional Chinese medicine. Phytochemistry Reviews, 2013, 12, 341-367.	6.5	154
3	The quest for modernisation of traditional Chinese medicine. BMC Complementary and Alternative Medicine, 2013, 13, 132.	3.7	145
4	Multi-component HPLC Fingerprinting of Radix Salviae Miltiorrhizae and Its LC-MS-MS Identification. Chemical and Pharmaceutical Bulletin, 2005, 53, 677-683.	1.3	132
5	Quantification of Zeaxanthin Dipalmitate and Total Carotenoids in Lycium Fruits (Fructus Lycii). Plant Foods for Human Nutrition, 2005, 60, 161-164.	3.2	124
6	The formation of daodi medicinal materials. Journal of Ethnopharmacology, 2012, 140, 476-481.	4.1	105
7	Authentication is Fundamental for Standardization of Chinese Medicines. Planta Medica, 2006, 72, 865-874.	1.3	104
8	Combinational Treatment of Curcumin and Quercetin against Gastric Cancer MGC-803 Cells in Vitro. Molecules, 2015, 20, 11524-11534.	3.8	90
9	Oolong tea: A critical review of processing methods, chemical composition, health effects, and risk. Critical Reviews in Food Science and Nutrition, 2018, 58, 2957-2980.	10.3	88
10	Botanical drugs in Ayurveda and Traditional Chinese Medicine. Journal of Ethnopharmacology, 2016, 194, 245-259.	4.1	85
11	Macroscopic identification of Chinese medicinal materials: Traditional experiences and modern understanding. Journal of Ethnopharmacology, 2011, 134, 556-564.	4.1	82
12	A Systematic Review of the Botanical, Phytochemical and Pharmacological Profile of Dracaena cochinchinensis, a Plant Source of the Ethnomedicine â€œDragonâ€™s Bloodâ€. Molecules, 2014, 19, 10650-10669.	3.8	80
13	Ethnobotanical study of medicinal plants used by Hakka in Guangdong, China. Journal of Ethnopharmacology, 2008, 117, 41-50.	4.1	77
14	Toxicity Assessment of Nine Types of Decoction Pieces from the Daughter Root ofAconitum carmichaeli(Fuzi) Based on the Chemical Analysis of their Diester Diterpenoid Alkaloids. Planta Medica, 2010, 76, 825-830.	1.3	76
15	Simultaneous determination of naphthoquinone derivatives in Boraginaceous herbs by high-performance liquid chromatography. Analytica Chimica Acta, 2006, 577, 26-31.	5.4	73
16	Cannabis in Chinese Medicine: Are Some Traditional Indications Referenced in Ancient Literature Related to Cannabinoids?. Frontiers in Pharmacology, 2017, 8, 108.	3.5	72
17	Saussurea involucrata: A review of the botany, phytochemistry and ethnopharmacology of a rare traditional herbal medicine. Journal of Ethnopharmacology, 2015, 172, 44-60.	4.1	67
18	UPLC-QTOF-MS identification of metabolites in rat biosamples after oral administration of Dioscorea saponins: A comparative study. Journal of Ethnopharmacology, 2015, 165, 127-140.	4.1	66

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19	Direct analysis of alkaloid profiling in plant tissue by using matrix-assisted laser desorption/ionization mass spectrometry. Journal of Mass Spectrometry, 2007, 42, 58-69.	1.6	65
20	Comparison of the anti-inflammatory and anti-nociceptive effects of three medicinal plants known as â€œSnow Lotusâ€•herb in traditional Uighur and Tibetan medicines. Journal of Ethnopharmacology, 2010, 128, 405-411.	4.1	65
21	Determination of the content of rosmarinic acid by HPLC and analytical comparison of volatile constituents by GC-MS in different parts of Perilla frutescens (L.) Britt. Chemistry Central Journal, 2013, 7, 61.	2.6	63
22	Tissue-specific metabolite profiling of alkaloids in Sinomenii Caulis using laser microdissection and liquid chromatographyâ€“quadrupole/time of flight-mass spectrometry. Journal of Chromatography A, 2012, 1248, 93-103.	3.7	57
23	Comparison of chemical profiles between the root and aerial parts from three Bupleurum species based on a UHPLC-QTOF-MS metabolomics approach. BMC Complementary and Alternative Medicine, 2017, 17, 305.	3.7	55
24	Comparison of raw and processed Radix Polygoni Multiflori (Heshouwu) by high performance liquid chromatography and mass spectrometry. Chinese Medicine, 2010, 5, 29.	4.0	54
25	A novel inulin-type fructan from Asparagus cochinchinensis and its beneficial impact on human intestinal microbiota. Carbohydrate Polymers, 2020, 247, 116761.	10.2	54
26	Chemical quantification and antioxidant assay of four active components in Ficus hirtaroot using UPLC-PAD-MS fingerprinting combined with cluster analysis. Chemistry Central Journal, 2013, 7, 115.	2.6	53
27	Cardioprotective effect of total saponins from three medicinal species of Dioscorea against isoprenaline-induced myocardial ischemia. Journal of Ethnopharmacology, 2015, 175, 451-455.	4.1	53
28	Quercetin Induces Apoptosis via the Mitochondrial Pathway in KB and KBv200 Cells. Journal of Agricultural and Food Chemistry, 2013, 61, 2188-2195.	5.2	52
29	A novel and rapid HPGPC-based strategy for quality control of saccharide-dominant herbal materials: Dendrobium officinale, a case study. Analytical and Bioanalytical Chemistry, 2014, 406, 6409-6417.	3.7	52
30	An integrated strategy based on UPLCâ€“DADâ€“QTOF-MS for metabolism and pharmacokinetic studies of herbal medicines: Tibetan â€œSnow Lotusâ€•herb (Saussurea laniceps), a case study. Journal of Ethnopharmacology, 2014, 153, 701-713.	4.1	50
31	In Vivo Analysis and Spatial Profiling of Phytochemicals in Herbal Tissue by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2007, 79, 2745-2755.	6.5	49
32	Comparative evaluation of chemical profiles of three representative 'snow lotus' herbs by UPLCâ€ĐADâ€ŒQTOFâ€•MS combined with principal component and hierarchical cluster analyses. Drug Testing and Analysis, 2017, 9, 1105-1115.	2.6	45
33	Localization of ginsenosides in the rhizome and root of Panax ginseng by laser microdissection and liquid chromatographyâ€“quadrupole/time of flight-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2015, 105, 121-133.	2.8	44
34	Qualitatively and quantitatively comparing secondary metabolites in three medicinal parts derived from Poria cocos (Schw.) Wolf using UHPLC-QTOF-MS/MS-based chemical profiling. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 278-286.	2.8	44
35	Catechins and Procyanidins of Ginkgo biloba Show Potent Activities towards the Inhibition of Î²-Amyloid Peptide Aggregation and Destabilization of Preformed Fibrils. Molecules, 2014, 19, 5119-5134.	3.8	39
36	Quantitative Analysis of the Flavonoid Glycosides and Terpene Trilactones in the Extract of Ginkgo biloba and Evaluation of Their Inhibitory Activity towards Fibril Formation of Î²-Amyloid Peptide. Molecules, 2014, 19, 4466-4478.	3.8	39

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37	Alkaloid profiling in crude and processed Strychnos nux-vomica seeds by matrix-assisted laser desorption/ionization-time of flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 430-436.	2.8	38
38	Determination of ginsenosides in Asian and American ginsengs by liquid chromatographyâ€“quadrupole/time-of-flight MS: assessing variations based on morphological characteristics. Journal of Ginseng Research, 2017, 41, 10-22.	5.7	38
39	Preparationâ€related structural diversity and medical potential in the treatment of diabetes mellitus with ginseng pectins. Annals of the New York Academy of Sciences, 2017, 1401, 75-89.	3.8	38
40	An ethnobotanical survey of medicinal spices used in Chinese hotpot. Food Research International, 2012, 48, 226-232.	6.2	36
41	Determination of Patchoulic Alcohol in Herba Pogostemonis by GC-MS-MS. Chemical and Pharmaceutical Bulletin, 2005, 53, 856-860.	1.3	35
42	Structure of a laminarin-type Î²-(1â†'3)-glucan from brown algae Sargassum henslowianum and its potential on regulating gut microbiota. Carbohydrate Polymers, 2021, 255, 117389.	10.2	34
43	Identification and Determination of the Major Constituents in the Traditional Uighur Medicinal Plant Saussurea involucrata by LC-DAD-MS. Chromatographia, 2009, 69, 537-542.	1.3	33
44	Profiling of secondary metabolites in tissues from Rheum palmatum L. using laser microdissection and liquid chromatography mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 4199-4212.	3.7	33
45	Cell type-specific qualitative and quantitative analysis of saikosaponins in three Bupleurum species using laser microdissection and liquid chromatographyâ€“quadrupole/time of flight-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 97, 157-165.	2.8	33
46	Comparison of the Chemical Composition and Pharmacological Effects of the Aqueous and Ethanolic Extracts from a Tibetan â€œSnow Lotusâ€•(Saussurea laniceps) Herb. Molecules, 2012, 17, 7183-7194.	3.8	32
47	Correlation between Quality and Geographical Origins of Poria cocos Revealed by Qualitative Fingerprint Profiling and Quantitative Determination of Triterpenoid Acids. Molecules, 2018, 23, 2200.	3.8	31
48	Establishment of HPLC-DAD-MS Fingerprint of Fresh Houttuynia cordata. Chemical and Pharmaceutical Bulletin, 2005, 53, 1604-1609.	1.3	30
49	A comparable, chemical and pharmacological analysis of the traditional Chinese medicinal herbs Oldenlandia diffusa and O. corymbosa and a new valuation of their biological potential. Phytomedicine, 2008, 15, 259-267.	5.3	30
50	Ginseng ameliorates exercise-induced fatigue potentially by regulating the gut microbiota. Food and Function, 2021, 12, 3954-3964.	4.6	30
51	Application of microscopy in authentication of Chinese patent medicineâ€”Bo Ying compound. Microscopy Research and Technique, 2005, 67, 305-311.	2.2	29
52	Distinguishing the medicinal herbOldenlandia diffusa from similar species of the same genus using fluorescence microscopy. Microscopy Research and Technique, 2006, 69, 277-282.	2.2	29
53	Establishment of GC-MS Fingerprint of Fresh Houttuynia cordata. Chemical and Pharmaceutical Bulletin, 2005, 53, 1484-1489.	1.3	28
54	Comparative study on the aristolochic acid I content of Herba Asari for safe use. Phytomedicine, 2008, 15, 741-748.	5.3	28

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55	Comparative Analysis of the Major Constituents in the Traditional Tibetan Medicinal Plants Saussurea laniceps and S. medusa by LCâ€“DADâ€“MS. Chromatographia, 2009, 70, 957-962.	1.3	28
56	Distribution of toxic alkaloids in tissues from three herbal medicine Aconitum species using laser micro-dissection, UHPLCâ€“QTOF MS and LCâ€“MS/MS techniques. Phytochemistry, 2014, 107, 155-174.	2.9	28
57	Recent progress in nanomaterial-based assay for the detection of phytotoxins in foods. Food Chemistry, 2019, 277, 162-178.	8.2	28
58	A Comparative Tissue-specific Metabolite Analysis and Determination of Protodioscin Content in Asparagus Species used in Traditional Chinese Medicine and Ayurveda by use of Laser Microdissection, UHPLC-QTOF/MS and LC-MS/MS. Phytochemical Analysis, 2014, 25, 514-528.	2.4	27
59	Simultaneous quantification of eight bioactive components of Houttuynia cordata and related Saururaceae medicinal plants by on-line high performance liquid chromatographyâ€“diode array detectorâ€“electrospray mass spectrometry. FÃ¬toterapÃ¬Ã¢, 2009, 80, 468-474.	2.2	26
60	A comparative study on the traditional Indian Shodhana and Chinese processing methods for aconite roots by characterization and determination of the major components. Chemistry Central Journal, 2013, 7, 169.	2.6	26
61	Apoptosis Sensitization by Euphorbia Factor L1 in ABCB1-Mediated Multidrug Resistant K562/ADR Cells. Molecules, 2013, 18, 12793-12808.	3.8	26
62	Integrating Targeted and Untargeted Metabolomics to Investigate the Processing Chemistry of Polygoni Multiflori Radix. Frontiers in Pharmacology, 2018, 9, 934.	3.5	26
63	Bruceine D induces apoptosis in human chronic myeloid leukemia K562 cells via mitochondrial pathway. American Journal of Cancer Research, 2016, 6, 819-26.	1.4	26
64	Tissue-Specific Metabolite Profiling ofCyperus rotundusL. Rhizomes and (+)-Nootkatone Quantitation by Laser Microdissection, Ultra-High-Performance Liquid Chromatographyâ€“Quadrupole Time-of-Flight Mass Spectrometry, and Gas Chromatographyâ€“Mass Spectrometry Techniques. Journal of Agricultural and Food Chemistry, 2014, 62, 7302-7316.	5.2	25
65	Comprehensive investigation and risk study on pyrrolizidine alkaloid contamination in Chinese retail honey. Environmental Pollution, 2020, 267, 115542.	7.5	25
66	Comparative authentication of three â€œsnow lotusâ€•herbs by macroscopic and microscopic features. Microscopy Research and Technique, 2014, 77, 631-641.	2.2	24
67	Fingerprint analysis of processed Rhizoma Chuanxiong by high-performance liquid chromatography coupled with diode array detection. Chinese Medicine, 2015, 10, 2.	4.0	24
68	Neuroprotective effect of a novel Chinese herbal decoction on cultured neurons and cerebral ischemic rats. BMC Complementary and Alternative Medicine, 2016, 16, 437.	3.7	24
69	Metabolite Profiling of Tissues of Acorus calamus and Acorus tatarinowii Rhizomes by Using LMD, UHPLC-QTOF MS, and GC-MS. Planta Medica, 2015, 81, 333-341.	1.3	23
70	Stronger anti-obesity effect of white ginseng over red ginseng and the potential mechanisms involving chemically structural/compositional specificity to gut microbiota. Phytomedicine, 2020, 74, 152761.	5.3	23
71	Qualitative and quantitative characterization of carbohydrate profiles in three different parts of Poria cocos. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 113009.	2.8	23
72	Comprehensive quantitative analysis of Shuang-Huang-Lian oral liquid using UHPLCâ€“Q-TOF-MS and HPLC-ELSD. Journal of Pharmaceutical and Biomedical Analysis, 2015, 102, 1-8.	2.8	22

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73	Classification of Mixtures of Chinese Herbal Medicines Based on a Selfâ€organizing Map (SOM). Molecular Informatics, 2016, 35, 109-115.	2.5	22
74	A feasible and practical 1 H NMR analytical method for the quality control and quantification of bioactive principles in Lycii Fructus. Journal of Food and Drug Analysis, 2018, 26, 1105-1112.	1.9	22
75	Saussurea medusa, source of the medicinal herb snow lotus: a review of its botany, phytochemistry, pharmacology and toxicology. Phytochemistry Reviews, 2015, 14, 353-366.	6.5	21
76	Comprehensive quality evaluation and comparison of Angelica sinensis radix and Angelica acutiloba radix by integrated metabolomics and glycomics. Journal of Food and Drug Analysis, 2018, 26, 1122-1137.	1.9	21
77	Oligosaccharide-marker approach for qualitative and quantitative analysis of specific polysaccharide in herb formula by ultra-high-performance liquid chromatography-quadrupole-time-of-flight mass spectrometry: Dendrobium officinale, a case study. Journal of Chromatography A, 2019, 1607, 460388.	3.7	21
78	Further Daphniphyllum Alkaloids from the Bark of Daphniphyllum macropodum Miq.. Chinese Journal of Chemistry, 2008, 26, 348-352.	4.9	20
79	Rapid Fingerprint Analysis of Flos Carthami by Ultra-Performance Liquid Chromatography and Similarity Evaluation. Journal of Chromatographic Science, 2016, 54, 1619-1624.	1.4	20
80	A mixed microscopic method for differentiating seven species of â€œBixieâ€â€related Chinese Materia Medica. Microscopy Research and Technique, 2014, 77, 57-70.	2.2	19
81	The variation in the major constituents of the dried rhizome of Ligusticum chuanxiong (Chuanxiong) after herbal processing. Chinese Medicine, 2016, 11, 26.	4.0	19
82	Review on Saussurea laniceps, a potent medicinal plant known as â€œsnow lotusâ€: botany, phytochemistry and bioactivities. Phytochemistry Reviews, 2016, 15, 537-565.	6.5	19
83	A concise classification of bencao (materia medica). Chinese Medicine, 2018, 13, 18.	4.0	19
84	Determination of Iridoid Glucosides for Quality Assessment of Herba Oldenlandiae by High-Performance Liquid Chromatography. Chemical and Pharmaceutical Bulletin, 2006, 54, 1131-1137.	1.3	18
85	Histochemical analysis of the root tuber of Polygonum multiflorum Thunb. (Fam. Polygonaceae). Microscopy Research and Technique, 2011, 74, 488-495.	2.2	18
86	HSCCC-based strategy for preparative separation of in vivo metabolites after administration of an herbal medicine: Saussurea laniceps, a case study. Scientific Reports, 2016, 6, 33036.	3.3	18
87	Economic botany collections: A source of material evidence for exploring historical changes in Chinese medicinal materials. Journal of Ethnopharmacology, 2017, 200, 209-227.	4.1	18
88	Microscopic research on a multi-source traditional Chinese medicine, Astragali Radix. Journal of Natural Medicines, 2014, 68, 340-350.	2.3	17
89	Authentication of the 31 species of toxic and potent Chinese Materia medica (T/PCMM) by microscopic technique, part 1: Three kinds of toxic and potent animal CMM. Microscopy Research and Technique, 2007, 70, 960-968.	2.2	16
90	Synchronous characterization of carbohydrates and ginsenosides yields deeper insights into the processing chemistry of ginseng. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 59-70.	2.8	16

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91	Application of microscopic techniques in authentication of herbal teaâ€”Ku-Ding-Cha. Microscopy Research and Technique, 2006, 69, 927-932.	2.2	15
92	A novel method to identify the Chinese herbal medicine Wuzhimaotao by quantification of laticifers. Microscopy Research and Technique, 2009, 72, 293-298.	2.2	15
93	Tissue-based metabolite profiling and qualitative comparison of two species of Achyranthes roots by use of UHPLC-QTOF MS and laser micro-dissection. Journal of Pharmaceutical Analysis, 2018, 8, 10-19.	5.3	15
94	Quality evaluation of various commercial specifications of Polygoni Multiflori Radix and its dregs by determination of active compounds. Chemistry Central Journal, 2012, 6, 53.	2.6	14
95	Application of microscopy technique and high performance liquid chromatography for quality assessment of Polygonum multiflorum Thunb. (Heshouwu). Pharmacognosy Magazine, 2014, 10, 415.	0.6	14
96	Characterization and quantitation of aristolochic acid analogs in different parts of Aristolochiae Fructus, using UHPLC-Q/TOF-MS and UHPLC-QqQ-MS. Chinese Journal of Natural Medicines, 2017, 15, 392-400.	1.3	14
97	Laser microdissection hyphenated with high performance gel permeation chromatography-charged aerosol detector and ultra performance liquid chromatography-triple quadrupole mass spectrometry for histochemical analysis of polysaccharides in herbal medicine: Ginseng, a case study. International Journal of Biological Macromolecules, 2018, 107, 332-342.	7.5	14
98	A hybrid platform featuring nanomagnetic ligand fishing for discovering COX-2 selective inhibitors from aerial part of Saussurea laniceps Hand.-Mazz. Journal of Ethnopharmacology, 2021, 271, 113849.	4.1	14
99	Authentication of the 31 species of toxic and potent chinese materia medica by microscopic technique assisted by ICPâ€MS analysis, part 4: Four kinds of toxic and potent mineral arsenical CMMs. Microscopy Research and Technique, 2011, 74, 1-8.	2.2	13
100	Histochemical evaluation of alkaloids in rhizome of Coptis chinensis using laser microdissection and liquid chromatography/mass spectrometry. Drug Testing and Analysis, 2015, 7, 519-530.	2.6	13
101	Tissues-based chemical profiling and semi-quantitative analysis of bioactive components in the root of Salvia miltiorrhiza Bunge by using laser microdissection system combined with UPLC-q-TOF-MS. Chemistry Central Journal, 2016, 10, 42.	2.6	13
102	Tissueâ€specific metabolite profiling of benzylisoquinoline alkaloids in the root of <scp>Macleaya cordata</scp> by combining laser microdissection with ultraâ€highâ€performance liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 397-410.	1.5	13
103	Qualitative and quantitative characterization of secondary metabolites and carbohydrates in Bai-Hu-Tang using ultraperformance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry and ultraperformance liquid chromatography coupled with photodiode array detector. Journal of Food and Drug Analysis, 2017, 25, 946-959.	1.9	13
104	Authentication of the 31 species of toxic and potent Chinese Materia Medica by light microscopy, part 3: Two species of T/PCMM from flowers and their common adulterants. Microscopy Research and Technique, 2009, 72, 454-463.	2.2	12
105	Identification of powdered Chinese herbal medicines by fluorescence microscopy, Part 1: Fluorescent characteristics of mechanical tissues, conducting tissues, and ergastic substances. Microscopy Research and Technique, 2011, 74, 269-280.	2.2	12
106	Ultrasound-Assisted Extraction May Not Be a Better Alternative Approach than Conventional Boiling for Extracting Polysaccharides from Herbal Medicines. Molecules, 2016, 21, 1569.	3.8	12
107	Comparative quality of the forms of decoction pieces evaluated by multidimensional chemical analysis and chemometrics: Poria cocos, a pilot study. Journal of Food and Drug Analysis, 2019, 27, 766-777.	1.9	12
108	Cordyceps polysaccharide marker CCP modulates immune responses via highly selective TLR4/MyD88/p38 axis. Carbohydrate Polymers, 2021, 271, 118443.	10.2	12

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109	Identification of seven Zingiberaceous species based on comparative anatomy of microscopic characteristics of seeds. Chinese Medicine, 2014, 9, 10.	4.0	11
110	Multiconstituent identification in root, branch, and leaf extracts of Juglans mandshurica using ultra high performance liquid chromatography with quadrupole timeâ€ofâ€flight mass spectrometry. Journal of Separation Science, 2017, 40, 3440-3452.	2.5	11
111	Tissue-specific chemical profiling and quantitative analysis of bioactive components of Cinnamomum cassia by combining laser-microdissection with UPLC-Q/TOFâ€“MS. Chemistry Central Journal, 2018, 12, 71.	2.6	11
112	Authentication of the 31 species of Toxic and Potent Chinese Materia Medica (T/PCMM) by microscopic technique, part 2: Three species of seed T/PCMM. Microscopy Research and Technique, 2008, 71, 325-333.	2.2	10
113	Characterization of Secondary Metabolites from the Raphides of Calcium Oxalate Contained in Three Araceae Family Plants Using Laser Microdissection and Ultra-High Performance Liquid Chromatography-Quadrupole/Time of Flight-Mass Spectrometry. European Journal of Mass Spectrometry, 2013, 19, 195-210.	1.0	10
114	Rabdosia japonicavar.glaucocalyxFlavonoids Fraction Attenuates Lipopolysaccharide-Induced Acute Lung Injury in Mice. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-12.	1.2	10
115	Tissue-Specific Analysis of Secondary Metabolites Creates a Reliable Morphological Criterion for Quality Grading of Polygoni Multiflori Radix. Molecules, 2018, 23, 1115.	3.8	10
116	Characterization of Chemical Component Variations in Different Growth Years and Tissues of Morindae Officinalis Radix by Integrating Metabolomics and Glycomics. Journal of Agricultural and Food Chemistry, 2019, 67, 7304-7314.	5.2	10
117	A specific and bioactive polysaccharide marker for Cordyceps. Carbohydrate Polymers, 2021, 269, 118343.	10.2	10
118	Further Daphniphyllum Alkaloids from the Leaves of Daphniphyllum macropodum<scp>Miq</scp>.. Helvetica Chimica Acta, 2007, 90, 1353-1359.	1.6	9
119	Identification of starch grains in microscopic images based on granulometric operations. Microscopy Research and Technique, 2007, 70, 724-732.	2.2	9
120	Tissue-specific metabolite profiling and quantitative analysis of ginsenosides in Panax quinquefolium using laser microdissection and liquid chromatographyâ€“quadrupole/time of flight-mass spectrometry. Chemistry Central Journal, 2015, 9, 66.	2.6	9
121	A systematic study on confused species of Chinese materia medica in the Hong Kong market. Annals of the Academy of Medicine, Singapore, 2006, 35, 764-9.	0.4	9
122	Characterization of shapes for use in classification of starch grains images. Microscopy Research and Technique, 2008, 71, 651-658.	2.2	8
123	Chemical profiling and histochemical analysis of Bupleurum marginatum roots from different growing areas of Hubei province. Acta Pharmaceutica Sinica B, 2013, 3, 193-204.	12.0	8
124	Identification of Daqingye and Banlangen including crude drugs and decoction dregs from three plant species by normal light and fluorescence microscopy. Microscopy Research and Technique, 2013, 76, 774-782.	2.2	8
125	Distributive and Quantitative Analysis of the Main Active Saponins in Panax notoginseng by UHPLC-QTOF/MS Combining with Fluorescence Microscopy and Laser Microdissection. Planta Medica, 2016, 82, 263-272.	1.3	8
126	Authentication of Chinese Materia Medica decoction dregs, Part 1: Comparison of morphological and microscopic features of four Chinese Materia Medica before and after decoction. Microscopy Research and Technique, 2011, 74, 320-328.	2.2	7

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127	Tissue-Specific Metabolite Profiling of Turmeric by Using Laser Microdissection, Ultra-High Performance Liquid Chromatography-Quadrupole Time of Fight-Mass Spectrometry and Liquid Chromatography-Tandem Mass Spectrometry. European Journal of Mass Spectrometry, 2014, 20, 383-393.	1.0	7
128	Rapid differentiation of Xihuangcao from the three Isodon species by UPLC-ESI-QTOF-MS/MS and chemometrics analysis. Chinese Medicine, 2016, 11, 48.	4.0	7
129	Authentication of Chinese Materia Medica decoction dregs. part II: Comparison before and after decoction of four Chinese Materia Medica that mainly comprise storage tissue. Microscopy Research and Technique, 2012, 75, 164-175.	2.2	6
130	Analysis of historical changes in traditional Chinese medicine based on an Indonesian collection of Chinese materia medica from c. 1870. Journal of Ethnopharmacology, 2021, 269, 113714.	4.1	6
131	Antifibrotic activities of Scutellariae Radix extracts and flavonoids: Comparative proteomics reveals distinct and shared mechanisms. Phytomedicine, 2022, 100, 154049.	5.3	5
132	Studies on microscopic identification of animal drugsâ€™ remnant hair (3): identification of several species of Cauda Cervi. Journal of Natural Medicines, 2006, 61, 51-55.	2.3	4
133	Sustainable Utilization of TCM Resources. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-2.	1.2	4
134	Supply and Cultivation of Medicinal Plants in Japan. Annals of Traditional Chinese Medicine, 2006, , 59-72.	0.1	3
135	Ingredient authentication of commercial Xihuangcao herbal tea by a microscopic technique combined with UPLC-ESI-QTOF-MS/MS. Analytical Methods, 2015, 7, 4257-4268.	2.7	3
136	Correlation between quality and geographical origins of Leonuri Herba revealed by the qualitative fingerprint profiling and quantitative determination of chemical components. Chinese Medicine, 2022, 17, 46.	4.0	2
137	Retrospect and prospect of higher education in Chinese medicine in Hong Kong, China. Chinese Journal of Integrative Medicine, 2017, 23, 494-495.	1.6	1
138	Clarifying the origin of Houzao. Chinese Medicine, 2018, 13, 25.	4.0	1
139	Voyage of Ben Cao, Part II: Development of Chinese Medicinal Specimens in the British Museum. Chinese Medicine and Culture, 2022, 5, 126-130.	0.3	0