

Hua-Sheng Peng

List of Publications by Year in descending order

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44
papers

663
citations

687363

13
h-index

713466

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88
all docs

88
docs citations

88
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Gastrodia elata</i> genome provides insights into plant adaptation to heterotrophy. <i>Nature Communications</i> , 2018, 9, 1615.	12.8	170
2	Structural characterization and discrimination of the <i>Paris polyphylla</i> var. <i>yunnanensis</i> and <i>Paris vietnamensis</i> based on metabolite profiling analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 142, 252-261.	2.8	33
3	Molecular Identification and Taxonomic Implication of Herbal Species in Genus <i>Corydalis</i> (Papaveraceae). <i>Molecules</i> , 2018, 23, 1393.	3.8	24
4	Identification of <i>Huoshan shihu</i> Fengdou: Comparative authentication of the Daodi herb <i>Dendrobium huoshanense</i> and its related species by macroscopic and microscopic features. <i>Microscopy Research and Technique</i> , 2017, 80, 712-721.	2.2	22
5	The profiling of bioactive ingredients of differently aged <i>Salvia miltiorrhiza</i> roots. <i>Microscopy Research and Technique</i> , 2013, 76, 947-954.	2.2	21
6	Tissue-Specific Metabolite Profiling on the Different Parts of Bolting and Unbolting <i>Peucedanum praeruptorum</i> Dunn (Qianhu) by Laser Microdissection Combined with UPLC-Q/TOF-MS and HPLC-DAD. <i>Molecules</i> , 2019, 24, 1439.	3.8	21
7	Quantitative and Chemical Fingerprint Analysis for the Quality Evaluation of <i>Platycodi Radix</i> Collected from Various Regions in China by HPLC Coupled with Chemometrics. <i>Molecules</i> , 2018, 23, 1823.	3.8	20
8	Molecular Systematics of Genus <i>Atractylodes</i> (Compositae, Cardueae): Evidence from Internal Transcribed Spacer (ITS) and trnL-F Sequences. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14623-14633.	4.1	18
9	Transcriptome analysis identifies putative genes involved in triterpenoid biosynthesis in <i>Platycodon grandiflorus</i> . <i>Planta</i> , 2021, 254, 34.	3.2	18
10	Analysis of the age of <i>Panax ginseng</i> based on telomere length and telomerase activity. <i>Scientific Reports</i> , 2015, 5, 7985.	3.3	17
11	Tissue-specific metabolite profiling of <i>Fallopia multiflora</i> (Heshouwu) and <i>Fallopia multiflora</i> var. <i>angulata</i> by mass spectrometry imaging and laser microdissection combined with UPLC-Q/TOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 200, 114070.	2.8	16
12	Comparative analysis and chemical profiling of different forms of <i>Peucedani Radix</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113410.	2.8	15
13	Rapid identification of growth years and profiling of bioactive ingredients in <i>Astragalus membranaceus</i> var. <i>mongholicus</i> (Huangqi) roots from Hunyuan, Shanxi. <i>Chinese Medicine</i> , 2017, 12, 14.	4.0	14
14	Identification of ages and determination of paeoniflorin in roots of <i>Paeonia lactiflora</i> Pall. From four producing areas based on growth rings. <i>Microscopy Research and Technique</i> , 2012, 75, 1191-1196.	2.2	13
15	Quality Analysis of Different Specification Grades of <i>Astragalus membranaceus</i> var. <i>mongholicus</i> (Huangqi) from Hunyuan, Shanxi. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 734-740.	1.5	13
16	Microscopic Characteristic and Chemical Composition Analysis of Three Medicinal Plants and Surface Frosts. <i>Molecules</i> , 2019, 24, 4548.	3.8	13
17	Comparative transcriptome analysis of tubers, stems, and flowers of <i>Gastrodia elata</i> Blume reveals potential genes involved in the biosynthesis of phenolics. <i>F1000Research</i> , 2021, 153, 104988.	2.2	13
18	Bioinformatics analysis of a long non-coding RNA and mRNA regulation network in rats with middle cerebral artery occlusion based on RNA sequencing. <i>Molecular Medicine Reports</i> , 2019, 20, 417-432.	2.4	10

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19	Untargeted Metabolomics and Targeted Quantitative Analysis of Temporal and Spatial Variations in Specialized Metabolites Accumulation in <i>Poria cocos</i> (Schw.) Wolf (Fushen). <i>Frontiers in Plant Science</i> , 2021, 12, 713490.	3.6	10
20	The influences of inorganic elements in soil on the development of famous - region <i>Atractylodes lancea</i> (Thunb.) DC. <i>Pharmacognosy Magazine</i> , 2015, 11, 337.	0.6	9
21	Alternative analyses of compensatory base changes in an ITS2 phylogeny of <i>Corydalis</i> (Papaveraceae). <i>Annals of Botany</i> , 2019, 124, 233-243.	2.9	9
22	Comparative analysis in different organs and tissue-specific metabolite profiling of <i>Atractylodes lancea</i> from four regions by GC-MS and laser microdissection. <i>Journal of Separation Science</i> , 2022, 45, 1067-1079.	2.5	9
23	An Evaluation of Traits, Nutritional, and Medicinal Component Quality of <i>Polygonatum cyrtoneuma</i> Hua and <i>P. sibiricum</i> Red.. <i>Frontiers in Plant Science</i> , 2022, 13, 891775.	3.6	9
24	Transcriptome-wide identification of WRKY transcription factors and their expression profiles in response to methyl jasmonate in <i>Platycodon grandiflorus</i> . <i>Plant Signaling and Behavior</i> , 2022, 17, .	2.4	9
25	Developmental anatomy of anomalous structure and classification of commercial specifications and grades of the <i>Astragalus membranaceus</i> var. <i>mongholicus</i> . <i>Microscopy Research and Technique</i> , 2018, 81, 1165-1172.	2.2	8
26	Programmed cell death during the formation of rhytidome and interxylary cork in roots of <i>Astragalus membranaceus</i> (Leguminosae). <i>Microscopy Research and Technique</i> , 2021, 84, 1400-1413.	2.2	8
27	Growth rings in roots of medicinal perennial dicotyledonous herbs from temperate and subtropical zones in China. <i>Microscopy Research and Technique</i> , 2018, 81, 365-375.	2.2	7
28	Untargeted metabolomics approach reveals the tissue-specific markers of balloon flower root (<i>Platycodi Radix</i>) using UPLC-Q-TOF/MS. <i>Microchemical Journal</i> , 2021, 168, 106447.	4.5	7
29	Identification of medicinal mugua origin by near infrared spectroscopy combined with partial Least-squares discriminant analysis. <i>Pharmacognosy Magazine</i> , 2016, 12, 93.	0.6	7
30	Colour, chemical compounds, and antioxidant capacity of <i>Astragali Radix</i> based on untargeted metabolomics and targeted quantification. <i>Phytochemical Analysis</i> , 2022, 33, 599-611.	2.4	7
31	Study on morphological characteristics and microscopic structure of medicinal organs of <i>Pulsatilla chinensis</i> (Bunge) Regel. <i>Microscopy Research and Technique</i> , 2017, 80, 950-958.	2.2	6
32	Determination of the species status of <i>Fallopia multiflora</i> , <i>Fallopia multiflora</i> var. <i>angulata</i> and <i>Fallopia multiflora</i> var. <i>ciliinervis</i> based on morphology, molecular phylogeny, and chemical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 406-420.	2.8	6
33	Full-length transcriptome sequences by a combination of sequencing platforms applied to isoflavonoid and triterpenoid saponin biosynthesis of <i>Astragalus mongholicus</i> Bunge. <i>Plant Methods</i> , 2021, 17, 61.	4.3	6
34	Molecular cloning and functional characterization of two squalene synthase genes in <i>Atractylodes lancea</i> . <i>Planta</i> , 2022, 255, 8.	3.2	6
35	Compare the microscopic characteristics of stems of the 24 <i>Dendrobium</i> species utilized in the traditional Chinese medicine "Shihu". <i>Microscopy Research and Technique</i> , 2018, 81, 1191-1202.	2.2	5
36	Morphogenesis, ultrastructure, and chemical profiling of trichomes in <i>Artemisia argyi</i> H. L�v. & Vaniot (Asteraceae). <i>Planta</i> , 2022, 255, 102.	3.2	4

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37	<i>Corydalis huangshanensis</i> (Fumariaceae), a new species from Anhui, China. <i>Nordic Journal of Botany</i> , 2018, 36, e01960.	0.5	3
38	<i>Peucedanum huangshanense</i> (Apiaceae), a new species from Anhui, China. <i>Phytotaxa</i> , 2020, 430, 17-24.	0.3	3
39	Genome survey sequencing of <i>Atractylodes lancea</i> and identification of its SSR markers. <i>Bioscience Reports</i> , 2020, 40, .	2.4	3
40	Molecular cloning and functional characterization of an isoflavone glucosyltransferase from <i>Pueraria thomsonii</i> . <i>Chinese Journal of Natural Medicines</i> , 2022, 20, 133-138.	1.3	3
41	Identification of four <i>Aconitum</i> species used as "Caowu" in herbal markets by 3d reconstruction and microstructural comparison. <i>Microscopy Research and Technique</i> , 2015, 78, 425-432.	2.2	2
42	Comparative Elucidation of Age, Diameter, and "Pockmarks" in Roots of <i>Paeonia lactiflora</i> Pall. (Shaoyao) by Qualitative and Quantitative Methods. <i>Frontiers in Plant Science</i> , 2021, 12, 802196.	3.6	1
43	<i>Aconitum anhuiense</i> sp. nov. (Ranunculaceae), a new species from Anhui, China. <i>Nordic Journal of Botany</i> , 2021, 39, .	0.5	0
44	Comparative proteomics reveals biochemical changes in <i>Salvia miltiorrhiza</i> Bunge during sweating processing. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115329.	4.1	0