

Hua-Sheng Peng

List of Publications by Citations

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38
papers

314
citations

9
h-index

15
g-index

88
ext. papers

501
ext. citations

2.6
avg, IF

3.27
L-index

#	Paper	IF	Citations
38	The <i>Gastrodia elata</i> genome provides insights into plant adaptation to heterotrophy. <i>Nature Communications</i> , 2018 , 9, 1615	17.4	82
37	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	3.5	23
36	The profiling of bioactive ingredients of differently aged <i>Salvia miltiorrhiza</i> roots. <i>Microscopy Research and Technique</i> , 2013 , 76, 947-54	2.8	15
35	Identification of "Huoshan shihu" 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	2.8	13
34	Analysis of the age of <i>Panax ginseng</i> based on telomere length and telomerase activity. <i>Scientific Reports</i> , 2015 , 5, 7985	4.9	12
33	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, 14623-33	6.3	12
32	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, 1191-6	2.8	11
31	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,	4.8	10
30	Molecular Identification and Taxonomic Implication of Herbal Species in Genus (<i>Papaveraceae</i>). <i>Molecules</i> , 2018 , 23,	4.8	10
29	Rapid identification of growth years and profiling of bioactive ingredients in var. <i>mongholicus</i> () roots from Hunyuan, Shanxi. <i>Chinese Medicine</i> , 2017 , 12, 14	4.7	9
28	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	2.9	7
27	Transcriptome analysis identifies putative genes involved in triterpenoid biosynthesis in <i>Platycodon grandiflorus</i> . <i>Planta</i> , 2021 , 254, 34	4.7	7
26	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	2.8	6
25	Quality Analysis of Different Specification Grades of var. () from Hunyuan, Shanxi. <i>Journal of AOAC INTERNATIONAL</i> , 2019 , 102, 734-740	1.7	6
24	Tissue-Specific Metabolite Profiling on the Different Parts of Bolting and Unbolting Dunn (<i>Qianhu</i>) by Laser Microdissection Combined with UPLC-Q/TOF-MS and HPLC-DAD. <i>Molecules</i> , 2019 , 24,	4.8	6
23	Tissue-specific metabolite profiling of <i>Fallopia multiflora</i> (<i>Heshouwu</i>) 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	3.5	6
22	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, 337-44	0.8	5

21	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	2.8	4
20	Identification of Medicinal Mugua Origin by Near Infrared Spectroscopy Combined with Partial Least-squares Discriminant Analysis. <i>Pharmacognosy Magazine</i> , 2016 , 12, 93-7	0.8	4
19	Compare the microscopic characteristics of stems of the 24 Dendrobium species utilized in the traditional Chinese medicine "Shihu". <i>Microscopy Research and Technique</i> , 2018 , 81, 1191-1202	2.8	4
18	Developmental anatomy of anomalous structure and classification of commercial specifications and grades of the Astragalus membranaceus var. mongholicus. <i>Microscopy Research and Technique</i> , 2018 , 81, 1165-1172	2.8	4
17	Untargeted Metabolomics and Targeted Quantitative Analysis of Temporal and Spatial Variations in Specialized Metabolites Accumulation in (Schw.) Wolf (Fushen). <i>Frontiers in Plant Science</i> , 2021 , 12, 713490	6.2	4
16	Determination of the species status of Fallopia multiflora, Fallopia multiflora var. angulata and Fallopia multiflora var. ciliinervis based on morphology, molecular phylogeny, and chemical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 166, 406-420	3.5	3
15	Alternative analyses of compensatory base changes in an ITS2 phylogeny of Corydalis (Papaveraceae). <i>Annals of Botany</i> , 2019 , 124, 233-243	4.1	3
14	Microscopic Characteristic and Chemical Composition Analysis of Three Medicinal Plants and Surface Frosts. <i>Molecules</i> , 2019 , 24,	4.8	3
13	Programmed cell death during the formation of rhytidome and interxylary cork in roots of Astragalus membranaceus (Leguminosae). <i>Microscopy Research and Technique</i> , 2021 , 84, 1400-1413	2.8	3
12	Comparative analysis and chemical profiling of different forms of Peucedani Radix. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 189, 113410	3.5	2
11	Untargeted metabolomics approach reveals the tissue-specific markers of balloon flower root (Platycodi Radix) using UPLC-Q-TOF/MS. <i>Microchemical Journal</i> , 2021 , 168, 106447	4.8	2
10	Comparative transcriptome analysis of tubers, stems, and flowers of Gastrodia elata Blume reveals potential genes involved in the biosynthesis of phenolics. <i>Phytotherapy Research</i> , 2021 , 153, 104988	3.2	2
9	Identification of four Aconitum species used as "Caowu" in herbal markets by 3D reconstruction and microstructural comparison. <i>Microscopy Research and Technique</i> , 2015 , 78, 425-32	2.8	1
8	Molecular cloning and functional characterization of two squalene synthase genes in Atractylodes lancea. <i>Planta</i> , 2021 , 255, 8	4.7	1
7	An Evaluation of Traits, Nutritional, and Medicinal Component Quality of Hua and Red.. <i>Frontiers in Plant Science</i> , 2022 , 13, 891775	6.2	1
6	Full-length transcriptome sequences by a combination of sequencing platforms applied to isoflavonoid and triterpenoid saponin biosynthesis of Astragalus mongholicus Bunge. <i>Plant Methods</i> , 2021 , 17, 61	5.8	0
5	Corydalis huangshanensis (Fumariaceae), a new species from Anhui, China. <i>Nordic Journal of Botany</i> , 2018 , 36, e01960	1.1	0
4	Molecular cloning and functional characterization of an isoflavone glucosyltransferase from Pueraria thomsonii.. <i>Chinese Journal of Natural Medicines</i> , 2022 , 20, 133-138	2.8	0

- 3 Comparative Elucidation of Age, Diameter, and "Pockmarks" in Roots of Pall. by Qualitative and Quantitative Methods.. *Frontiers in Plant Science*, **2021**, 12, 802196 6.2
- 2 Morphogenesis, ultrastructure, and chemical profiling of trichomes in *Artemisia argyi* H. L. & Vaniot (Asteraceae).. *Planta*, **2022**, 255, 102 4-7
- 1 Comparative proteomics reveals biochemical changes in *Salvia miltiorrhiza* Bunge during sweating processing.. *Journal of Ethnopharmacology*, **2022**, 293, 115329 5