

# Hua-Sheng Peng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Molecular cloning and functional characterization of an isoflavone glucosyltransferase from <i>Pueraria thomsonii</i> .. <i>Chinese Journal of Natural Medicines</i> , <b>2022</b> , 20, 133-138	2.8	0
37	An Evaluation of Traits, Nutritional, and Medicinal Component Quality of Hua and Red.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 891775	6.2	1
36	Morphogenesis, ultrastructure, and chemical profiling of trichomes in <i>Artemisia argyi</i> H. L. & Vaniot (Asteraceae).. <i>Planta</i> , <b>2022</b> , 255, 102	4.7	
35	Comparative proteomics reveals biochemical changes in <i>Salvia miltiorrhiza</i> Bunge during sweating processing.. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 293, 115329	5	
34	Comparative Elucidation of Age, Diameter, and "Pockmarks" in Roots of Pall. by Qualitative and Quantitative Methods.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 802196	6.2	
33	Molecular cloning and functional characterization of two squalene synthase genes in <i>Atractylodes lancea</i> . <i>Planta</i> , <b>2021</b> , 255, 8	4.7	1
32	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> , <b>2021</b> , 17, 61	5.8	0
31	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> , <b>2021</b> , 200, 114070	3.5	6
30	Transcriptome analysis identifies putative genes involved in triterpenoid biosynthesis in <i>Platycodon grandiflorus</i> . <i>Planta</i> , <b>2021</b> , 254, 34	4.7	7
29	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> , <b>2021</b> , 12, 713490	6.2	4
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> , <b>2021</b> , 168, 106447	4.8	2
27	Comparative transcriptome analysis of tubers, stems, and flowers of <i>Gastrodia elata</i> Blume reveals potential genes involved in the biosynthesis of phenolics. <i>Phytotherapy Research</i> , <b>2021</b> , 153, 104988	3.2	2
26	Programmed cell death during the formation of rhizidome and interxylary cork in roots of <i>Astragalus membranaceus</i> (Leguminosae). <i>Microscopy Research and Technique</i> , <b>2021</b> , 84, 1400-1413	2.8	3
25	Comparative analysis and chemical profiling of different forms of <i>Peucedani Radix</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 189, 113410	3.5	2
24	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> , <b>2019</b> , 166, 406-420	3.5	3
23	Alternative analyses of compensatory base changes in an ITS2 phylogeny of <i>Corydalis</i> (Papaveraceae). <i>Annals of Botany</i> , <b>2019</b> , 124, 233-243	4.1	3
22	Quality Analysis of Different Specification Grades of var. () from Hunyuan, Shanxi. <i>Journal of AOAC INTERNATIONAL</i> , <b>2019</b> , 102, 734-740	1.7	6

21	Tissue-Specific Metabolite Profiling on the Different Parts of Bolting and Unbolting Dunn (Qianhu) by Laser Microdissection Combined with UPLC-Q/TOF?MS and HPLC?DAD. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
20	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> , <b>2019</b> , 20, 417-432	2.9	7
19	Microscopic Characteristic and Chemical Composition Analysis of Three Medicinal Plants and Surface Frosts. <i>Molecules</i> , <b>2019</b> , 24,	4.8	3
18	The <i>Gastrodia elata</i> genome provides insights into plant adaptation to heterotrophy. <i>Nature Communications</i> , <b>2018</b> , 9, 1615	17.4	82
17	Growth rings in roots of medicinal perennial dicotyledonous herbs from temperate and subtropical zones in China. <i>Microscopy Research and Technique</i> , <b>2018</b> , 81, 365-375	2.8	4
16	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> , <b>2018</b> , 23,	4.8	10
15	Molecular Identification and Taxonomic Implication of Herbal Species in Genus (Papaveraceae). <i>Molecules</i> , <b>2018</b> , 23,	4.8	10
14	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> , <b>2018</b> , 81, 1191-1202	2.8	4
13	<i>Corydalis huangshanensis</i> (Fumariaceae), a new species from Anhui, China. <i>Nordic Journal of Botany</i> , <b>2018</b> , 36, e01960	1.1	0
12	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> , <b>2018</b> , 81, 1165-1172	2.8	4
11	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> , <b>2017</b> , 80, 712-721	2.8	13
10	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> , <b>2017</b> , 142, 252-261	3.5	23
9	Study on morphological characteristics and microscopic structure of medicinal organs of <i>Pulsatilla chinensis</i> (Bunge) Regel. <i>Microscopy Research and Technique</i> , <b>2017</b> , 80, 950-958	2.8	6
8	Rapid identification of growth years and profiling of bioactive ingredients in var. <i>mongholicus</i> () roots from Hunyuan, Shanxi. <i>Chinese Medicine</i> , <b>2017</b> , 12, 14	4.7	9
7	Identification of Medicinal <i>Mugua</i> Origin by Near Infrared Spectroscopy Combined with Partial Least-squares Discriminant Analysis. <i>Pharmacognosy Magazine</i> , <b>2016</b> , 12, 93-7	0.8	4
6	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> , <b>2015</b> , 78, 425-32	2.8	1
5	Analysis of the age of <i>Panax ginseng</i> based on telomere length and telomerase activity. <i>Scientific Reports</i> , <b>2015</b> , 5, 7985	4.9	12
4	The influences of inorganic elements in soil on the development of famous - region <i>Atractylodes lancea</i> (Thunb.) DC. <i>Pharmacognosy Magazine</i> , <b>2015</b> , 11, 337-44	0.8	5

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|---|--|-----|----|
| 3 | The profiling of bioactive ingredients of differently aged <i>Salvia miltiorrhiza</i> roots. <i>Microscopy Research and Technique</i> , <b>2013</b> , 76, 947-54   | 2.8 | 15 |
| 2 | 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> , <b>2012</b> , 75, 1191-6        | 2.8 | 11 |
| 1 | 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> , <b>2012</b> , 13, 14623-33 | 6.3 | 12 |