

MEDICINAL PLANT

ISSN 2152-3924
05

Technique Support:

Anhui Wuchu Media Co.,Ltd.

MEDICINAL PLANT

Volume 17 Number 5 October 2026

ISSN:2152-3924

MEDICINAL PLANT

Volume 17 Number 5

October 2026

Indexed by

EBSCO

AGRIS Database

Library of Congress

Royal Tropical Institute

Chemical Abstracts(CA)

CAB International (CABI)

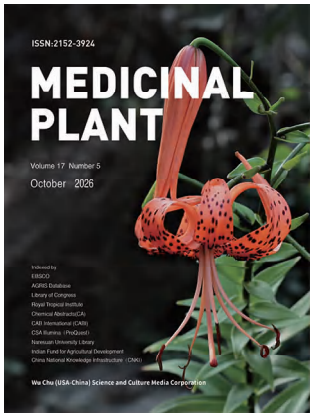
CSA Illumina（ProQuest）

Naresuan University Library

Indian Fund for Agricultural Development

China National Knowledge Infrastructure（CNKI）

Wu Chu (USA-China) Science and Culture Media Corporation



VOLUME 17 NUMBER 5
October 2026

Sponsor
Wuchu (USA – China) Science and Culture Media Corporation
Edited by
The Journal Board of Medicinal Plant
Printed by
Allegra Providence RI USA
Editor-in-chief
Susanna Carnegie
Associate Editor-in-chief
Ping JIN
Editors
Huadong GUO Jianli YIN Ping SONG
Yingying YANG Sanxing HE
Yong XU
Members of Editorial Board
(**in alphabetical order of family name**)
Naifu CHEN Xiong CHEN
Fei HAN Suoyi HUANG Chenghao JIN
Zhongxiong LAI Yan LIN Yuan LIU
Ruwei WANG Danyan ZHANG
Kefeng ZHANG Lizhi ZHU
Art Director
Shouhuan ZHU
Editorial Office
650 Ten Rod Road, North Kingstown RI USA 02852
Tel: (401) 515 – 4764
+86-551-65148112
Email: yyzw_e@163.com
medplant@vip.163.com
Subscription Price: US $30 monthly
ISSN: 2152-3924

CONTENTS

Pharmacological and Toxicological Analyses

1 Investigating the Mechanism of Xiayuxue Decoction in Improving Slow Transit Constipation Based on Network Pharmacology and Animal Experiments
Fei CAI, Yuxia LI, Yi HUANG, Xinglong HUANG, Lingrui LOU, Xiaoyan LI, Wenbo YI, Xinrong FAN, Yudan CHEN, Dong GAO

11 Analysis of Research Hotspots and Development Trends in *Polygonatum* Based on CiteSpace
Yuanmei HUANG, Shenggao YIN, Gailian ZHOU, Hua XIN

18 A Network Pharmacology Study of a Traditional Chinese Medicine Formula for Qingxuan Zhiyang Foot Spray
Yi WU, Yingbing HE, Tianbao ZHANG, Yan YANG

25 Network Pharmacology and Experimental Validation of the Anti-tumor Mechanisms of Ginsenoside Rh2
Long ZHANG, Shuangsen LIU, Qin HUANG, Yue ZHOU, Feng XIONG, Nongyi LI, Yanni ZHANG, Jue LIU, Xinglong HUANG

Processing of Traditional Chinese Medicine and Quality Control

34 Optimization of Preparation Technology and Development of Quality Standards for Chengyin Mixture
Jiangcun WEI, Wen ZHONG, Xiumei MA, Li LONG, Bing QING, Zujie QIN

39 TLC Identification of Agarwood and Sandalwood in Shiwuwei Longdanhua Pills
Jun LAN, Liping GUO, Tianyu WANG, Wenbing LI, Dawazhuoma

44 Determination of Dendrobine and Erianin Contents in *Dendrobium denneanum* by HPLC-MS/MS
Lixuan SHAN, Runyu ZHAI, Xiangjun DI, Baichuan WANG

Germplasm Resources and Cultivation

48 Effects of Fertilization on the Yield and Quality of *Scutellaria baicalensis* in Field Conditions
Chaoyi LI, Yang LU, Jinyue WEI, Xiaoyong WANG, Chunying ZHAO

52 Mechanism of Tianxiang Dan in Inhibiting Atherosclerosis Progression by Regulating the Autophagy-mTOR-AIM2 Inflammasome Axis Based on ApoE$^{-/-}$ and NLRP3$^{-/-}$ Mouse Models
Longlong GUO, Yue DONG, Li ZHANG, Longfei SUN, Xiaxia ZHANG, Lintao GUO, Wenijie WEI, Zhaoju WANG, Dongqing AN

60 Effects of Jianpi Huashi Granules on VIP and VIP R1 Receptors in the Colon of D-IBS Rats with Liver Depression and Spleen Deficiency Syndrome
Xifeng LI, Tingting PAN, Yuling LIU, Nan HU, Chunlei DU, Yinghan WANG

Clinical Application

64 Modified Chaishao Liujunzi Decoction Improving Metabolic Dysfunction-associated Steatotic Liver Disease through Regulating Nrf2/HO-1 Pathway
Minling JIANG, Hui WEN, Wu HE, Jian YANG, Kefeng ZHANG

70 Experience Analysis of Qingqiao Dingxuan Decoction in Treating Residual Symptoms after Canalith Repositioning
Yiting CHAI, Yafang LIU, Fanfan SUN, Xiaofei FENG

73 Cerebroprotective Mechanism of Qizhi Formula in Ameliorating Cerebral Ischemia-reperfusion Injury
Hanrui BAI, Chunhui LIU, Yanbin LI, Lifen WANG, Zeyu WU, Qin WANG, Wenling CONG, Jiawei LIU

78 Analysis of Clinical Characteristics and Comorbidities of Gout Inpatients from 2020 to 2025
Lu JIA, Lamei ZHOU

Ethnic Medicine and Traditional Medicine

81 Mechanism of Wulan Shisanwei Tangsan in Protecting Against Cerebral Ischemia-reperfusion Injury by Regulating the cGAS-STING Pathway
Yanbin LI, Chunhui LIU, Hanrui BAI, Wenling CONG, Lifen WANG, Zeyu WU, Qin WANG, Jiawei LIU

Teaching Research

86 Data-Driven Construction and Practice of the AI + Pharmaceutics Course: An Empirical Analysis Based on the Chaoxing Platform
Chenliang CHU, Junxiao ZHU, Yanlu LU, Xinchen WANG, Liang QIN, Huangbao CHEN, Deyun MA

91 Teaching Reform of Pharmacognosy Course
Xingyu CHEN, Jianghua LI, Qian YAO, Yu FAN, Xiaoqiang GUO

98 AI-Driven Early Warning Systems in Intensive Care Unit Nursing: Current Applications and Clinical Challenges
Ao LI, Chan WANG, Gang ZHANG, Wenyan YAN, Rui WANG

101 "Case + Project" Integrated Professional and Innovation-entrepreneurship Education Teaching Model for Medical Chemistry Based on the Concept of Three-dimensional Innovation Resilience
Wenjing YANG, Yongshan JIN, Chao LI, Lixin SUN, Jiuhui LIU, Manjing ZHOU, Jiasheng OUYANG, Zhaoyin ZHONG, Xing LIANG, Suoyi HUANG

Reviews

106 A Study of Zibeitiankui [*Semiaquilegia adoxoides* (DC.) Makino] in *Leigong Paozhilun*
Chenxi ZHAO, Yingzhan YANG, Wei ZHANG

110 Bibliometric Analysis of Research Literature on Film-coated Tablets
Xiangxing CHEN, Shanshan LI, Yongshan JIN, Wenjing YANG, Lixin SUN, Chao LI, Suoyi HUANG

115 Advances in Wine Processing Technique of Polygonati Rhizoma and Associated Changes in Chemical Components and Pharmacological Efficacy Before and After Processing
Jiansen XU, Shenggao YIN, Fang DING, Gailian ZHOU, Yanxia CEN