

A comprehensive review on traditional uses, chemical properties and toxicology of *Tetrastigma hemsleyanum*

Journal of Ethnopharmacology

264, 113247

DOI: [10.1016/j.jep.2020.113247](https://doi.org/10.1016/j.jep.2020.113247)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Co-regulation Role of Endogenous Hormones and Transcriptomics Profiling Under Cold Stress in <i>Tetrastigma hemsleyanum</i> . <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1992-2006.	2.8	9
2	The research progresses and future prospects of <i>Tetrastigma hemsleyanum</i> Diels et Gilg: A valuable Chinese herbal medicine. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113836.	2.0	38
3	Ethnopharmacological uses, phytochemistry, pharmacology, and toxicology of <i>Olex subscorpioidea</i> Oliv ( <i>Olacaceae</i> ): a review. <i>Future Journal of Pharmaceutical Sciences</i> , 2021, 7, .	1.1	4
4	Investigating the active compounds and mechanism of HuaShi XuanFei formula for prevention and treatment of COVID-19 based on network pharmacology and molecular docking analysis. <i>Molecular Diversity</i> , 2022, 26, 1175-1190.	2.1	14
5	Transcriptome and Metabolome Integrated Analysis of Two Ecotypes of <i>Tetrastigma hemsleyanum</i> Reveals Candidate Genes Involved in Chlorogenic Acid Accumulation. <i>Plants</i> , 2021, 10, 1288.	1.6	8
6	Extract From <i>Tetrastigma hemsleyanum</i> Leaf Alleviates <i>Pseudomonas aeruginosa</i> Lung Infection: Network Pharmacology Analysis and Experimental Evidence. <i>Frontiers in Pharmacology</i> , 2021, 12, 587850.	1.6	12
7	Physicochemical characterizations of starches isolated from <i>Tetrastigma hemsleyanum</i> Diels et Gilg. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1540-1547.	3.6	8
8	Ultra-flexible light-permeable organic solar cells for the herbal photosynthetic growth. <i>Nano Energy</i> , 2021, 86, 106044.	8.2	40
9	Polysaccharides from <i>Tetrastigma hemsleyanum</i> Diels et Gilg: optimum extraction, monosaccharide compositions, and antioxidant activity. <i>Preparative Biochemistry and Biotechnology</i> , 2022, 52, 383-393.	1.0	5
10	HPLC fingerprinting-based multivariate analysis of chemical components in <i>Tetrastigma Hemsleyanum</i> Diels et Gilg: Correlation to their antioxidant and neuraminidase inhibition activities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114314.	1.4	15
11	Machine learning classification of origins and varieties of <i>Tetrastigma hemsleyanum</i> using a dual-mode microscopic hyperspectral imager. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120054.	2.0	18
12	Molecular cloning and structural analysis of key enzymes in <i>Tetrastigma hemsleyanum</i> for resveratrol biosynthesis. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 19-32.	3.6	8
13	Bioactives and their metabolites from <i>Tetrastigma hemsleyanum</i> leaves ameliorate DSS-induced colitis via protecting the intestinal barrier, mitigating oxidative stress and regulating the gut microbiota. <i>Food and Function</i> , 2021, 12, 11760-11776.	2.1	21
14	<i>Tetrastigma hemsleyanum</i> flavones exert antihepatic carcinoma property both <i>in vitro</i> and <i>in vivo</i> . <i>Food Quality and Safety</i> , 2021, 5, .	0.6	1
15	Database mining and animal experiment-based validation of the efficacy and mechanism of <i>Radix Astragali</i> (Huangqi) and <i>Rhizoma Atractylodis Macrocephalae</i> (Baizhu) as core drugs of Traditional Chinese medicine in cancer-related fatigue. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114892.	2.0	16
16	<i>In vitro</i> and <i>in vivo</i> anti-inflammatory activity of <i>Tetrastigma sulcatum</i> leaf extract, pure compound and its derivatives. <i>Inflammopharmacology</i> , 2022, 30, 291-311.	1.9	3
17	<i>Tetrastigma hemsleyanum</i> alleviates sarcoidosis through metabolomic regulation and Th17/Treg immune homeostasis. <i>Journal of Functional Foods</i> , 2022, 88, 104910.	1.6	2
18	Comparative Analysis of Proanthocyanidin Metabolism and Genes Regulatory Network in Fresh Leaves of Two Different Ecotypes of <i>Tetrastigma hemsleyanum</i> . <i>Plants</i> , 2022, 11, 211.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Multi-omics analyses revealed key factors involved in fluorescent carbon-dots-regulated secondary metabolism in <i>Tetrastigma hemsleyanum</i> . <i>Journal of Nanobiotechnology</i> , 2022, 20, 63.	4.2	4
20	Nitric Oxide Crosstalk With Phytohormone Is Involved in Enhancing Photosynthesis of <i>Tetrastigma hemsleyanum</i> for Photovoltaic Adaptation. <i>Frontiers in Plant Science</i> , 2022, 13, 852956.	1.7	7
21	Genus <i>Tetrastigma</i> : A review of its folk uses, phytochemistry and pharmacology. <i>Chinese Herbal Medicines</i> , 2022, 14, 210-233.	1.2	8
22	Polysaccharides From the Aerial Parts of <i>Tetrastigma Hemsleyanum</i> Diels et Gilg Induce Bidirectional Immunity and Ameliorate LPS-Induced Acute Respiratory Distress Syndrome in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 838873.	1.6	1
23	<i>Tetrastigma hemsleyanum</i> Diels et Gilg ameliorates lipopolysaccharide induced sepsis via repairing the intestinal mucosal barrier. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112741.	2.5	16
24	Quality evaluation of <i>Tetrastigma hemsleyanum</i> different parts based on quantitative analysis of 42 bioactive constituents combined with multivariate statistical analysis. <i>Phytochemical Analysis</i> , 2022, 33, 754-765.	1.2	3
25	Cyclin-Dependent Kinase 6 Identified as the Target Protein in the Antitumor Activity of <i>Tetrastigma hemsleyanum</i> . <i>Frontiers in Oncology</i> , 2022, 12, 865409.	1.3	2
26	Transcriptome and Metabonomics Combined Analysis Revealed the Defense Mechanism Involved in Hydrogen-Rich Water-Regulated Cold Stress Response of <i>Tetrastigma hemsleyanum</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
27	Total flavonoids from the dried root of <i>Tetrastigma hemsleyanum</i> Diels et Gilg inhibit colorectal cancer growth through PI3K/AKT/mTOR signaling pathway. <i>Phytotherapy Research</i> , 2022, 36, 4263-4277.	2.8	8
28	The complete chloroplast genomes of <i>Tetrastigma hemsleyanum</i> (Vitaceae) from different regions of China: molecular structure, comparative analysis and development of DNA barcodes for its geographical origin discrimination. <i>BMC Genomics</i> , 2022, 23, .	1.2	7
29	Flavonoids metabolism and physiological response to ultraviolet treatments in <i>Tetrastigma hemsleyanum</i> Diels et Gilg. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
30	Determination of the geographical origin of <i>Tetrastigma hemsleyanum</i> Diels & Gilg using an electronic nose technique with multiple algorithms. <i>Heliyon</i> , 2022, 8, e10801.	1.4	0
31	Polysaccharides from <i>Tetrastigma Hemsleyanum</i> Diels et Gilg attenuate LPS-induced acute lung injury by modulating TLR4/COX-2/NF- $\kappa$ B signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2022, 155, 113755.	2.5	7
32	Flavonoid Metabolism in <i>Tetrastigma hemsleyanum</i> Diels et Gilg Based on Metabolome Analysis and Transcriptome Sequencing. <i>Molecules</i> , 2023, 28, 83.	1.7	6
33	Gut microbiota and transcriptome profiling revealed the protective effect of aqueous extract of <i>Tetrastigma hemsleyanum</i> leaves on ulcerative colitis in mice. <i>Current Research in Food Science</i> , 2023, 6, 100426.	2.7	4
34	Total flavonoids of <i>Tetrastigma hemsleyanum</i> Diels et Gilg inhibits colorectal tumor growth by modulating gut microbiota and metabolites. <i>Food Chemistry</i> , 2023, 410, 135361.	4.2	9
35	The stereoscopic planting mode improved the quality and yield of <i>Tetrastigma hemsleyanum</i> . <i>South African Journal of Botany</i> , 2023, 157, 44-52.	1.2	0
36	Chromosome-level reference genome of <i>Tetrastigma hemsleyanum</i> (Vitaceae) provides insights into genomic evolution and the biosynthesis of phenylpropanoids and flavonoids. <i>Plant Journal</i> , 2023, 114, 805-823.	2.8	5

#	ARTICLE	IF	CITATIONS
37	Integrative Analysis of the Transcriptome and Metabolome Reveals the Developmental Mechanisms and Metabolite Biosynthesis of the Tuberos Roots of <i>Tetragium hemsleyanum</i> . <i>Molecules</i> , 2023, 28, 2603.	1.7	1
38	Phylogenetic Analysis of R2R3-MYB Family Genes in <i>Tetragium hemsleyanum</i> Diels et Gilg and Roles of ThMYB4 and ThMYB7 in Flavonoid Biosynthesis. <i>Biomolecules</i> , 2023, 13, 531.	1.8	0
39	Screening out Biomarkers of <i>Tetragium hemsleyanum</i> for Anti-Cancer and Anti-Inflammatory Based on Spectrum-Effect Relationship Coupled with UPLC-Q-TOF-MS. <i>Molecules</i> , 2023, 28, 3021.	1.7	5
40	Ameliorating role of <i>Tetragium hemsleyanum</i> polysaccharides in antibiotic-induced intestinal mucosal barrier dysfunction in mice based on microbiome and metabolome analyses. <i>International Journal of Biological Macromolecules</i> , 2023, 241, 124419.	3.6	5
52	Role of Natural Polysaccharides in the Management of Lifestyle Diseases. , 2023, , 415-441.		0