

Resource Summary Report

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ReSpect for Phytochemicals

RRID:SCR_025688

Type: Tool

Proper Citation

ReSpect for Phytochemicals (RRID:SCR_025688)

Resource Information

URL: <http://spectra.psc.riken.jp/>

Proper Citation: ReSpect for Phytochemicals (RRID:SCR_025688)

Description: Collection of literature and in-house MSn spectra data for research on plant metabolomics.

Synonyms: RIKEN tandem mass spectral database

Resource Type: database, data or information resource

Defining Citation: [PMID:22867903](#)

Keywords: Collection of literature, MSn spectra data, plant metabolomics,

Funding: RIKEN Plant Science Center ;
Japan Science and Technology Agency ;
Japan Advanced Plant Science Research Network ;
Fuji Foundation for Protein Research

Availability: Restricted

Resource Name: ReSpect for Phytochemicals

Resource ID: SCR_025688

Record Creation Time: 20240903T053254+0000

Record Last Update: 20260819T044614+0000

Ratings and Alerts

No rating or validation information has been found for ReSpect for Phytochemicals.

No alerts have been found for ReSpect for Phytochemicals.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Liu T, et al. (2025) Metabolome and transcriptome association study reveals biosynthesis of specialized benzyloisoquinoline alkaloids in *Phellodendron amurense*. *Chinese herbal medicines*, 17(1), 178.

Jia K, et al. (2024) Exploring the mechanism of Si-Ni-San against depression by UPLC-Q-TOF-MS/MS integrated with network pharmacology: experimental research. *Annals of medicine and surgery* (2012), 86(1), 172.

Jiang F, et al. (2024) Metabolite Profiling and Biological Activity Assessment of *Paeonia ostii* Anthers and Pollen Using UPLC-QTOF-MS. *International journal of molecular sciences*, 25(10).

Al-Ghanayem AA, et al. (2024) In-vitro anti-acne activity of *Teucrium oliverianum* methanolic extract against *Cutibacterium acnes*. *Frontiers in pharmacology*, 15, 1388625.

Revelou PK, et al. (2024) *Origanum majorana* L. as Flavoring Agent: Impact on Quality Indices, Stability, and Volatile and Phenolic Profiles of Extra Virgin Olive Oil (EVOO). *Foods* (Basel, Switzerland), 13(19).

Suselo YH, et al. (2023) Alkaloid fraction of *Mirabilis jalapa* Linn. flowers has low cytotoxicity and increases iron absorption through Erythropoietin-Matriptase-2-Hepcidin pathway in iron deficiency Hepatocarcinoma cell model. *Saudi journal of biological sciences*, 30(1), 103508.

Chen GY, et al. (2022) Integrating Network Pharmacology and Experimental Validation to Explore the Key Mechanism of Gubitong Recipe in the Treatment of Osteoarthritis. *Computational and mathematical methods in medicine*, 2022, 7858925.

Tian Z, et al. (2022) Strategies for structure elucidation of small molecules based on LC-MS/MS data from complex biological samples. *Computational and structural biotechnology journal*, 20, 5085.

Chen GY, et al. (2022) Network Pharmacology-Based Strategy to Investigate the Mechanisms of *Cibotium barometz* in Treating Osteoarthritis. *Evidence-based complementary and alternative medicine : eCAM*, 2022, 1826299.

Chen GY, et al. (2022) Network Pharmacology Analysis and Experimental Validation to Investigate the Mechanism of Total Flavonoids of *Rhizoma Drynariae* in Treating Rheumatoid Arthritis. *Drug design, development and therapy*, 16, 1743.

Meng Y, et al. (2022) Analysis of chemotypes and their markers in leaves of core collections of *Eucommia ulmoides* using metabolomics. *Frontiers in plant science*, 13, 1029907.

Korgaonkar A, et al. (2021) A novel family of secreted insect proteins linked to plant gall development. *Current biology : CB*, 31(9), 1836.

Novotný J, et al. (2021) Crystal and Substituent Effects on Paramagnetic NMR Shifts in Transition-Metal Complexes. *Inorganic chemistry*, 60(13), 9368.