

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: data or information resource, database

Defining Citation: [PMID:22867903](#)

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

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

Availability: Restricted

Resource Name: ReSpect for Phytochemicals

Resource ID: SCR_025688

Record Creation Time: 20240903T053254+0000

Record Last Update: 20260912T200450+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 [SPARC SAWG](#) .

Liu T, et al. (2025) Metabolome and transcriptome association study reveals biosynthesis of specialized benzyloquinoline 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 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.

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.

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.