Resource Summary Report

Generated by SPARC SAWG on Sep 18, 2026

SuperScent

RRID:SCR_005285
Type: Tool

Proper Citation

SuperScent (RRID:SCR_005285)

Resource Information

URL: http://bioinf-applied.charite.de/superscent/

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Description: A database of scents. Users can search their structure or by scent tree, and can also add or search for specific scents by name. The database SuperScent was established to supply users with detailed information on the variety of odor components. The version of the database presented here comprises the 2D/3D structures of approximately 2100 volatiles and around 9200 synonyms as well as physicochemical properties, commercial availability and references. The volatiles are classified according to their origin, functionality and odorant groups. The information was extracted from the literature and web resources. SuperScent offers several search options, e.g. name, Pubchem ID number, species, functional groups, or molecular weight.

Synonyms: Super Scent

Resource Type: data or information resource, database

Keywords: odor, scent, volatile

Resource Name: SuperScent

Resource ID: SCR_005285

Alternate IDs: nif-0000-03514

Alternate URLs: http://bioinformatics.charite.de/superscent

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260912T200136+0000

Ratings and Alerts

No rating or validation information has been found for SuperScent.

No alerts have been found for SuperScent.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Sharma A, et al. (2022) OlfactionBase: a repository to explore odors, odorants, olfactory receptors??and odorant-receptor interactions. Nucleic acids research, 50(D1), D678.

Kumar Y, et al. (2018) AromaDb: A Database of Medicinal and Aromatic Plant's Aroma Molecules With Phytochemistry and Therapeutic Potentials. Frontiers in plant science, 9, 1081.

Kumar R, et al. (2015) Understanding the Odour Spaces: A Step towards Solving Olfactory Stimulus-Percept Problem. PloS one, 10(10), e0141263.