Resource Summary Report

Generated by RRID on Sep 20, 2026

OEI: fMRI compatible olfactometer

RRID:SCR_002507
Type: Tool

Proper Citation

OEI: fMRI compatible olfactometer (RRID:SCR_002507)

Resource Information

URL: http://www.osmicenterprises.com

Proper Citation: OEI: fMRI compatible olfactometer (RRID:SCR_002507)

Description: A computerized, odor delivery device that can be used for basic research applications including mapping olfactory centers, cognitive / learning research, neuro-marketing among other uses. Additional products including tests for odor threshold, odor identification, odor discrimination and odor memory.

Abbreviations: OEI fMRI compatible olfactometer

Resource Type: instrument resource

Keywords: experiment control, hardware, magnetic resonance, stimulus presentation, odor, olfactory, instrument, equipment

Availability: Commercial License

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_002507.pdf

Resource Name: OEI: fMRI compatible olfactometer

Resource ID: SCR_002507

Alternate IDs: nlx_155907

Alternate URLs: http://www.nitrc.org/projects/oei, http://www.osmicenterprises.com/docs/OsmicFMRIOlfactomterManual%207-1-13.pdf

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260919T194959+0000

Ratings and Alerts

No rating or validation information has been found for OEI: fMRI compatible olfactometer.

No alerts have been found for OEI: fMRI compatible olfactometer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li X, et al. (2025) Dapagliflozin restores odour-induced functional integration of primary olfactory cortex circuit but not olfactory-related regional brain activation in patients with type 2 diabetes: A 16-week randomised comparative study. Diabetes, obesity & metabolism, 27(12), 7309.

Li W, et al. (2025) Odor induced functional connectivity alteration of POC-anterior frontal cortex-medial temporal cortex in patients with mild cognitive impairment. Frontiers in aging neuroscience, 17, 1502171.

Zhang X, et al. (2024) Altered functional connectivity of primary olfactory cortex-hippocampus-frontal cortex in subjective cognitive decline during odor stimulation. Human brain mapping, 45(12), e26814.

Xu X, et al. (2021) Olfactory impairment in patients with primary Sjogren's syndrome and its correlation with organ involvement and immunological abnormalities. Arthritis research & therapy, 23(1), 250.