

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 29, 2026

Drosophila induction-based torque compensator

RRID:SCR_017276

Type: Tool

Proper Citation

Drosophila induction-based torque compensator (RRID:SCR_017276)

Resource Information

URL: <https://doi.org/10.1007/BF00288561>

Proper Citation: Drosophila induction-based torque compensator (RRID:SCR_017276)

Description: Compensator measure rotational force of tethered fly around its vertical body axis (yaw torque). Used as behavioral read-out after sensory stimulation or to control various environmental stimuli in different kinds of behavioral experiments. Measurement device uses measurement principle that is based on magnetic induction and compensates for any movement of fly.

Resource Type: instrument resource

Keywords: compensator, torque, yaw, insect, Diptera, time series, sensory, stimulation, fly, rotational, force, vertical, body, axis, tethered

Resource Name: Drosophila induction-based torque compensator

Resource ID: SCR_017276

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260815T182541+0000

Ratings and Alerts

No rating or validation information has been found for Drosophila induction-based torque compensator.

No alerts have been found for Drosophila induction-based torque compensator.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ehweiner A, et al. (2024) Wings of Change: aPKC/FoxP-dependent plasticity in steering motor neurons underlies operant self-learning in Drosophila. F1000Research, 13, 116.