

Resource Summary Report

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Shanghai Xinruan: Sleep Deprivation Device

RRID:SCR_027998

Type: Tool

Proper Citation

Shanghai Xinruan: Sleep Deprivation Device (RRID:SCR_027998)

Resource Information

URL: <https://www.shxinruan.com/sjjsxw/16.html>

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Description: Device to systematically deprive mice/rats of sleep for a certain period each day. Uses feedback control by monitoring animal activity levels. It can activate the deprivation lever after the animal enters a specific sleep stage to deprive or break sleep. It has three working modes: feedback adjustment (software control mode), programmable adjustment (external control mode), and independent touch screen adjustment (standard mode). It can be used to create animal models of sleep deprivation or sleep breaking, and features precise adjustment and low physical exertion.

Resource Type: instrument resource

Keywords: mice, rat, systematically deprive sleep, certain period each day,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_027998.pdf

Resource Name: Shanghai Xinruan: Sleep Deprivation Device

Resource ID: SCR_027998

Record Creation Time: 20260220T054226+0000

Record Last Update: 20260815T183306+0000

Ratings and Alerts

No rating or validation information has been found for Shanghai Xinruan: Sleep Deprivation Device.

No alerts have been found for Shanghai Xinruan: Sleep Deprivation Device.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.