

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

VasoTracker

RRID:SCR_017233

Type: Tool

Proper Citation

VasoTracker (RRID:SCR_017233)

Resource Information

URL: <http://www.vasotracker.com>

Proper Citation: VasoTracker (RRID:SCR_017233)

Description: Open source and stand alone software for assessing vascular reactivity. Used in pressure myograph system.

Resource Type: data analysis software, data acquisition software, software application, software resource, data processing software

Defining Citation: [PMID:30846942](#)

Keywords: vascular, reactivity, pressure, myograph, system

Funding: Wellcome Trust ;
British Heart Foundation

Availability: Free, Available for download, Freely available

Resource Name: VasoTracker

Resource ID: SCR_017233

Alternate URLs: <https://github.com/VasoTracker/VasoTracker>

License: BSD 3-Clause License

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260801T042806+0000

Ratings and Alerts

No rating or validation information has been found for VasoTracker.

No alerts have been found for VasoTracker.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Lee MD, et al. (2025) Endothelial Cell Organization Drives Distinct Agonist-Specific Ca^{2+} Dynamics in Arteries and Veins. *Acta physiologica (Oxford, England)*, 241(12), e70132.

Lee MD, et al. (2025) VasoTracker 2: Open-source software and hardware for tracking blood vessel diameter and assessing vascular function. *The Journal of physiology*, 603(22), 6763.

de Graaf MNS, et al. (2022) Multiplexed fluidic circuit board for controlled perfusion of 3D blood vessels-on-a-chip. *Lab on a chip*, 23(1), 168.

Kuszynski DS, et al. (2021) Clopidogrel treatment inhibits P2Y_2 -Mediated constriction in the rabbit middle cerebral artery. *European journal of pharmacology*, 911, 174545.

Heathcote HR, et al. (2019) Endothelial TRPV4 channels modulate vascular tone by Ca^{2+} -induced Ca^{2+} release at inositol 1,4,5-trisphosphate receptors. *British journal of pharmacology*, 176(17), 3297.