

# Resource Summary Report

Generated by [ASWG](#) on Aug 26, 2026

## VasoTracker

RRID:SCR\_017233

Type: Tool

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### Proper Citation

VasoTracker (RRID:SCR\_017233)

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### 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 acquisition software, data analysis software, data processing software, software application, software resource

**Defining Citation:** [PMID:30846942](#)

**Keywords:** vascular, reactivity, pressure, myograph, system

**Funding:** British Heart Foundation ;  
Wellcome Trust

**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:** 20260821T194109+0000

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### Ratings and Alerts

No rating or validation information has been found for VasoTracker.

No alerts have been found for VasoTracker.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Lee MD, et al. (2025) Endothelial Cell Organization Drives Distinct Agonist-Specific  $\text{Ca}^{2+}$  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  $\text{P2Y}_2$ -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  $\text{Ca}^{2+}$ -induced  $\text{Ca}^{2+}$  release at inositol 1,4,5-trisphosphate receptors. *British journal of pharmacology*, 176(17), 3297.