

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

SparkAn

RRID:SCR_022028

Type: Tool

Proper Citation

SparkAn (RRID:SCR_022028)

Resource Information

URL: <https://github.com/vesselman/SparkAn>

Proper Citation: SparkAn (RRID:SCR_022028)

Description: Software tool for custom calcium imaging analysis.

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

Keywords: custom software, calcium imaging analysis

Availability: Free, Freely available

Resource Name: SparkAn

Resource ID: SCR_022028

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260829T182858+0000

Ratings and Alerts

No rating or validation information has been found for SparkAn.

No alerts have been found for SparkAn.

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 [dkNET](#) .

Chen YL, et al. (2025) Imaging Ca²⁺ Signals in Small Pulmonary Veins at Physiological Intraluminal Pressures. Journal of visualized experiments : JoVE(217).

Kuppusamy M, et al. (2023) Purinergic P2Y₂ Receptor-Induced Activation of Endothelial TRPV4 Channels Mediates Lung Ischemia-Reperfusion Injury. bioRxiv : the preprint server for biology.

Daneva Z, et al. (2023) Endothelial IK and SK channel activation decreases pulmonary arterial pressure and vascular remodeling in pulmonary hypertension. Pulmonary circulation, 13(1), e12186.

Krishnan V, et al. (2022) STIM1-dependent peripheral coupling governs the contractility of vascular smooth muscle cells. eLife, 11.

Keller TCS, et al. (2022) Endothelial alpha globin is a nitrite reductase. Nature communications, 13(1), 6405.