

# Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

## CARNet TFA Function

RRID:SCR\_027022

Type: Tool

### Proper Citation

CARNet TFA Function (RRID:SCR\_027022)

### Resource Information

**URL:** <https://www.car-net.org/tools>

**Proper Citation:** CARNet TFA Function (RRID:SCR\_027022)

**Description:** Software function as Matlab implementation of the TFA as specified in the White Paper (2015). An example of use on the supplied data (tfa\_sample\_data.txt) is given in tfa\_demo.m and results are reported at the end of this report.

**Synonyms:** , Matlab TFA function, Cerebral Autoregulation Research Network Transfer Function Analysis Function

**Resource Type:** software application, software resource

**Defining Citation:** [DOI:10.1177/0271678X15626425](https://doi.org/10.1177/0271678X15626425)

**Keywords:** Cerebral Autoregulation Research Network, Transfer Function Analysis, Matlab TFA function,

**Availability:** Free, Freely available,

**Resource Name:** CARNet TFA Function

**Resource ID:** SCR\_027022

**Record Creation Time:** 20250604T055934+0000

**Record Last Update:** 20260727T040907+0000

### Ratings and Alerts

No rating or validation information has been found for CARNet TFA Function.

No alerts have been found for CARNet TFA Function.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Heiberg AV, et al. (2025) Dynamic cerebral autoregulation during and 3 months after endovascular treatment in large vessel occlusion stroke. Scientific reports, 15(1), 30289.

Heiberg AV, et al. (2025) Bilateral dynamic cerebral autoregulation assessment during endovascular treatment in large-vessel occlusion stroke. Experimental physiology.