

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

POSSUM

RRID:SCR_024950

Type: Tool

Proper Citation

POSSUM (RRID:SCR_024950)

Resource Information

URL: <https://fsl.fmrib.ox.ac.uk/fsl/fslwiki/POSSUM>

Proper Citation: POSSUM (RRID:SCR_024950)

Description: Software tool that produces realistic simulated MRI and FMRI images or time series.

Abbreviations: POSSUM

Synonyms: Physics-Oriented Simulated Scanner for Understanding MRI

Resource Type: software application, software resource

Availability: Free, Freely available

Resource Name: POSSUM

Resource ID: SCR_024950

Record Creation Time: 20240201T171710+0000

Record Last Update: 20260810T040835+0000

Ratings and Alerts

No rating or validation information has been found for POSSUM.

No alerts have been found for POSSUM.

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 [NIF](#) .

Serra-Aracil X, et al. (2026) Intracorporeal vs extracorporeal anastomosis in laparoscopic right colectomy for colon cancer: a prospective multicenter cohort study (the Hemi-D-TREND study). *Surgical endoscopy*, 40(2), 1559.

Shao Y, et al. (2025) iNClassSec-ESM: Discovering potential non-classical secreted proteins through a novel protein language model. *Computational and structural biotechnology journal*, 27, 1350.

Peng Y, et al. (2025) Contrastive-learning of language embedding and biological features for cross modality encoding and effector prediction. *Nature communications*, 16(1), 1299.

Dijkema FM, et al. (2024) A suicidal and extensively disordered luciferase with a bright luminescence. *Protein science : a publication of the Protein Society*, 33(8), e5115.

Costantini I, et al. (2022) An Anisotropic 4D Filtering Approach to Recover Brain Activation From Paradigm-Free Functional MRI Data. *Frontiers in neuroimaging*, 1, 815423.