

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

Wavelet-based Image Fusion

RRID:SCR_002007

Type: Tool

Proper Citation

Wavelet-based Image Fusion (RRID:SCR_002007)

Resource Information

URL: <http://www.nitrc.org/projects/wlfusion/>

Proper Citation: Wavelet-based Image Fusion (RRID:SCR_002007)

Description: Matlab toolbox that implements the wavelet-based image fusion technique for orthogonal images, introduced in (Aganj et al, MRM 2012).

Abbreviations: Wavelet-based Image Fusion

Resource Type: software application, software toolkit, software resource, data processing software

Defining Citation: [PMID:21761448](#)

Keywords: magnetic resonance

Availability: Free, Available for download, Freely available

Resource Name: Wavelet-based Image Fusion

Resource ID: SCR_002007

Alternate IDs: nlx_156018

License: GNU General Public License

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260729T044019+0000

Ratings and Alerts

No rating or validation information has been found for Wavelet-based Image Fusion.

No alerts have been found for Wavelet-based Image Fusion.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Gholipour A, et al. (2015) Super-resolution reconstruction in frequency, image, and wavelet domains to reduce through-plane partial voluming in MRI. Medical physics, 42(12), 6919.

Hedlund E, et al. (2010) Automatic and manual image fusion of In-pentetreotide SPECT and diagnostic CT in neuroendocrine tumor imaging - An evaluation. Journal of medical physics, 35(4), 223.