

Resource Summary Report

Generated by [kravitz2](#) on Aug 18, 2026

Lipsia

RRID:SCR_009595

Type: Tool

Proper Citation

Lipsia (RRID:SCR_009595)

Resource Information

URL: <http://www.cbs.mpg.de/institute/software/lipsia/>

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Description: Software tool for processing functional magnetic resonance imaging (fMRI) data. Software system for evaluation of functional magnetic resonance images of human brain.

Abbreviations: Lipsia

Synonyms: Lipsia: Leipzig Image Processing and Statistical Inference Algorithms ? a tool for fMRI data analysis, Leipzig Image Processing and Statistical Inference Algorithms, Lipsia: Leipzig Image Processing and Statistical Inference Algorithms

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

Defining Citation: [PMID:11679206](#)

Keywords: magnetic resonance, fmri

Availability: Free, Available for download, Freely available

Resource Name: Lipsia

Resource ID: SCR_009595

Alternate IDs: nlx_155787

Alternate URLs: <http://www.nitrc.org/projects/lipsia>, <https://sources.debian.org/src/lipsia/>

License: GNU General Public License

Record Creation Time: 20220129T080253+0000

Ratings and Alerts

No rating or validation information has been found for Lipsia.

No alerts have been found for Lipsia.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Fritz TH, et al. (2026) Music engages the phasic dopaminergic D1-receptor system in humans: a PET-fMRI study using [11C]SCH23390. European journal of nuclear medicine and molecular imaging, 53(7), 4689.

Poltojaime V, et al. (2026) The Regulation of Vasomotor and Cardiorespiratory Pulsations Is Disrupted in Primary Central Nervous System Lymphoma: A Case-Control fMRI Study. Human brain mapping, 47(4), e70495.

Poltojaime V, et al. (2025) Vasomotor fluctuations are increased in primary central nervous system lymphoma: a case-control study with fast functional MRI. Brain communications, 7(4), fcac262.

Hofmann SM, et al. (2025) The utility of explainable AI for MRI analysis: Relating model predictions to neuroimaging features of the aging brain. Imaging neuroscience (Cambridge, Mass.), 3.

Albrecht F, et al. (2024) Structural parameters are superior to eigenvector centrality in detecting progressive supranuclear palsy with machine learning & multimodal MRI. Heliyon, 10(15), e34910.

Storch M, et al. (2023) Hypothalamic volume in pedophilia with or without child sexual offense. European archives of psychiatry and clinical neuroscience, 273(6), 1295.

Mueller K, et al. (2023) Brain dysconnectivity with heart failure. Brain communications, 5(2), fcad103.

Mueller K, et al. (2022) Symptom-severity-related brain connectivity alterations in functional movement disorders. NeuroImage. Clinical, 34, 102981.

Poltojaime V, et al. (2022) Physiological instability is linked to mortality in primary central nervous system lymphoma: A case-control fMRI study. Human brain mapping, 43(13), 4030.

Koelsch S, et al. (2022) Tormenting thoughts: The posterior cingulate sulcus of the default mode network regulates valence of thoughts and activity in the brain's pain network during music listening. *Human brain mapping*, 43(2), 773.

Taruffi L, et al. (2021) Trait Empathy Shapes Neural Responses Toward Sad Music. *Cognitive, affective & behavioral neuroscience*, 21(1), 231.

Stockert A, et al. (2021) Temporo-cerebellar connectivity underlies timing constraints in audition. *eLife*, 10.

Liu P, et al. (2021) The organizational principles of de-differentiated topographic maps in somatosensory cortex. *eLife*, 10.

Raitamaa L, et al. (2021) Spectral analysis of physiological brain pulsations affecting the BOLD signal. *Human brain mapping*, 42(13), 4298.

Hamano YH, et al. (2020) The motor engram as a dynamic change of the cortical network during early sequence learning: An fMRI study. *Neuroscience research*, 153, 27.

Hidalgo-Lopez E, et al. (2020) Human menstrual cycle variation in subcortical functional brain connectivity: a multimodal analysis approach. *Brain structure & function*, 225(2), 591.

Skouras S, et al. (2020) Earliest amyloid and tau deposition modulate the influence of limbic networks during closed-loop hippocampal downregulation. *Brain : a journal of neurology*, 143(3), 976.

Lehmann N, et al. (2020) Intrinsic Connectivity Changes Mediate the Beneficial Effect of Cardiovascular Exercise on Sustained Visual Attention. *Cerebral cortex communications*, 1(1), tgaa075.

Ballarini T, et al. (2020) Disentangling brain functional network remodeling in corticobasal syndrome - A multimodal MRI study. *NeuroImage. Clinical*, 25, 102112.

Skouras S, et al. (2019) Mechanisms of functional compensation, delineated by eigenvector centrality mapping, across the pathophysiological continuum of Alzheimer's disease. *NeuroImage. Clinical*, 22, 101777.