

Resource Summary Report

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ICN_Atlas

RRID:SCR_015890

Type: Tool

Proper Citation

ICN_Atlas (RRID:SCR_015890)

Resource Information

URL: http://www.nitrc.org/projects/icn_atlas/

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Description: Software toolbox for SPM that is aimed at facilitating the interpretation of fMRI data in the context of intrinsic connectivity networks (ICNs) by describing fMRI maps in function-oriented, objective and quantitative way using a set of 15 metrics conceived to quantify the degree of 'engagement' of ICNs for any given statistical map of interest. Besides the functionally-derived atlas capabilities (based on the BrainMap ICN data) the toolbox provides anatomy-based atlas (based on the JHU and Brainnetome Atlas data), as well.

Resource Type: software resource, software toolkit

Keywords: fmri, icn, intrinsic, connectivity, network, map, statistic, atlas, toolbox, activation, pattern

Funding: Action Medical Research SP4646;
Hungarian Academy of Sciences ;
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MRC G0301067;
National Development Agency of Hungary TÁMOP 4.2.1.B-09/1/KMR-2010-0001;
UK Department of Health

Availability: Free, Non-commercial use

Resource Name: ICN_Atlas

Resource ID: SCR_015890

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Ratings and Alerts

No rating or validation information has been found for ICN_Atlas.

No alerts have been found for ICN_Atlas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Kozák LR, et al. (2017) ICN_Atlas: Automated description and quantification of functional MRI activation patterns in the framework of intrinsic connectivity networks. NeuroImage, 163, 319.