

Resource Summary Report

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Brain Innovation: Home of the BrainVoyager Product Family

RRID:SCR_006660

Type: Tool

Proper Citation

Brain Innovation: Home of the BrainVoyager Product Family (RRID:SCR_006660)

Resource Information

URL: <http://www.brainvoyager.com>

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Description: Brain Innovation B.V. is developing scientific software in the field of human and animal brain imaging, neural network simulation and computer-based experimental control. Our current major product, BrainVoyager QX, is a commercially available cross-platform neuroimaging tool, which is used in hundreds of labs across the planet. Turbo-BrainVoyager is an easy to use program for real-time data analysis, which allows to observe a subject's or patient's brain activity during an ongoing functional MRI scanning session. TMS Neuronavigator provides the hard- and software to navigate a TMS coil to desired anatomical or functionally defined brain regions. We also provide free software products. BrainVoyager Brain Tutor allows to learn about brain areas by clicking on rotatable 3D brain models. StimulDX is a powerful stimulation software based on Microsofts DirectX API, which we will make available for free download in the near future.

Abbreviations: Brain Innovation

Synonyms: Brain Innovation B.V.

Resource Type: topical portal, data or information resource, software resource, portal

Keywords: brain, imaging, human, non-human animal, brain imaging, neural network simulation, experimental control, network, simulation, experimental, analysis, anatomical, neuroimaging, tool

Resource Name: Brain Innovation: Home of the BrainVoyager Product Family

Resource ID: SCR_006660

Alternate IDs: nif-0000-30213

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260801T190314+0000

Ratings and Alerts

No rating or validation information has been found for Brain Innovation: Home of the BrainVoyager Product Family.

No alerts have been found for Brain Innovation: Home of the BrainVoyager Product Family.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 168 mentions in open access literature.

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

Ponticorvo S, et al. (2024) Resting-state functional MRI of the nose as a novel investigational window into the nervous system. Scientific reports, 14(1), 26352.

Lerner Y, et al. (2024) Empathy-related abnormalities among women with premenstrual dysphoric disorder: clinical and functional magnetic resonance imaging study. BJPsych open, 10(5), e138.

Ashtari M, et al. (2024) Central visual pathways affected by degenerative retinal disease before and after gene therapy. Brain : a journal of neurology, 147(9), 3234.

Warren SL, et al. (2024) Assistive tools for classifying neurological disorders using fMRI and deep learning: A guide and example. Brain and behavior, 14(6), e3554.

Piramide N, et al. (2024) Altered domain-specific striatal functional connectivity in patients with Parkinson's disease and urinary symptoms. Journal of neural transmission (Vienna, Austria : 1996), 131(8), 917.

Liu J, et al. (2024) Mapping subcortical brain lesions, behavioral and acoustic analysis for early assessment of subacute stroke patients with dysarthria. Frontiers in neuroscience, 18, 1455085.

Silvestro M, et al. (2024) Reduced neurovascular coupling of the visual network in migraine patients with aura as revealed with arterial spin labeling MRI: is there a demand-supply mismatch behind the scenes? The journal of headache and pain, 25(1), 180.

Sun J, et al. (2023) Neural compensation in manifest neurodegeneration: systems neuroscience evidence from social cognition in frontotemporal dementia. Journal of neurology, 270(1), 538.

Engeli EJE, et al. (2023) Accumbal-thalamic connectivity and associated glutamate alterations in human cocaine craving: A state-dependent rs-fMRI and 1H-MRS study. *NeuroImage. Clinical*, 39, 103490.

Jorge H, et al. (2022) Abnormal Responses in Cognitive Impulsivity Circuits Are Associated with Glycosylated Hemoglobin Trajectories in Type 1 Diabetes Mellitus and Impaired Metabolic Control. *Diabetes & metabolism journal*, 46(6), 866.

Miron VM, et al. (2022) Evaluation of novel 3D-printed and conventional thermoplastic stereotactic high-precision patient fixation masks for radiotherapy. *Strahlentherapie und Onkologie : Organ der Deutschen Rontgengesellschaft ... [et al]*, 198(11), 1032.

Esposito F, et al. (2022) Olfactory loss and brain connectivity after COVID-19. *Human brain mapping*, 43(5), 1548.

Kozarzewski L, et al. (2022) Computational approaches to predicting treatment response to obesity using neuroimaging. *Reviews in endocrine & metabolic disorders*, 23(4), 773.

Ponticorvo S, et al. (2022) Cross-modal connectivity effects in age-related hearing loss. *Neurobiology of aging*, 111, 1.

Gooijers J, et al. (2021) Indices of callosal axonal density and radius from diffusion MRI relate to upper and lower limb motor performance. *NeuroImage*, 241, 118433.

Rosenke M, et al. (2021) A Probabilistic Functional Atlas of Human Occipito-Temporal Visual Cortex. *Cerebral cortex (New York, N.Y. : 1991)*, 31(1), 603.

Russo AG, et al. (2021) The neural substrate of noun morphological inflection: A rapid event-related fMRI study in Italian. *Neuropsychologia*, 151, 107699.

Viggiano A, et al. (2021) Vitamin C Acutely Affects Brain Perfusion and Mastication-Induced Perfusion Asymmetry in the Principal Trigeminal Nucleus. *Frontiers in systems neuroscience*, 15, 641121.

Slopsema JP, et al. (2021) Orientation-selective and directional deep brain stimulation in swine assessed by functional MRI at 3T. *NeuroImage*, 224, 117357.

Huber LR, et al. (2021) LayNii: A software suite for layer-fMRI. *NeuroImage*, 237, 118091.