Resource Summary Report

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Canadian Open Neuroscience Platform

RRID:SCR_016433
Type: Tool

Proper Citation

Canadian Open Neuroscience Platform (RRID:SCR_016433)

Resource Information

URL: http://conp.ca/

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Description: Web interface that facilitates open science for neuroscience community by simplifying global access to and sharing of datasets and tools. Portal internalizes typical data cycle of research project, beginning with data acquisition, followed by data processing with published tools, and ultimately publication of results with link to original dataset. Platform to form interactive network of collaborations in brain research, interdisciplinary student training, international partnerships, clinical translation and open publishing. Provides unified interface to Canadian neuroscience research community. Open neuroscience research with sharing of both data and methods, to create large-scale databases, development of standards for sharing, facilitation of advanced analytic strategies, open dissemination to global community of neuroscience data and methods, and establishment of training programs for next generation of computational neuroscience researchers.

Abbreviations: CONP

Synonyms: CONP:Canadian Open Neuroscience Platform

Resource Type: data or information resource, data repository, storage service resource, portal, service resource, organization portal

Keywords: interactive, network, brain, research, interdisciplinary, student, training, international, partnership, clinical, translation, open, publishing, Canada

Availability: Open source

Resource Name: Canadian Open Neuroscience Platform

Resource ID: SCR_016433

Alternate IDs: r3d100013461

Alternate URLs: https://github.com/CONP-PCNO/conp-portal, https://doi.org/10.17616/R31NJMVP

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Ratings and Alerts

No rating or validation information has been found for Canadian Open Neuroscience Platform.

No alerts have been found for Canadian Open Neuroscience Platform.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Haitas N, et al. (2024) Registered report: Age-preserved semantic memory and the CRUNCH effect manifested as differential semantic control networks: An fMRI study. PloS one, 19(6), e0289384.

Poline JB, et al. (2023) Data and Tools Integration in the Canadian Open Neuroscience Platform. Scientific data, 10(1), 189.

Zhao C, et al. (2023) A reproducible and generalizable software workflow for analysis of large-scale neuroimaging data collections using BIDS Apps. bioRxiv : the preprint server for biology.

Das S, et al. (2022) The C-BIG Repository: an Institution-Level Open Science Platform. Neuroinformatics, 20(1), 139.

Eke DO, et al. (2022) International data governance for neuroscience. Neuron, 110(4), 600.

Boudreau M, et al. (2021) On the open-source landscape of PLOS Computational Biology. PLoS computational biology, 17(2), e1008725.

Beauvais MJS, et al. (2021) A marathon, not a sprint - neuroimaging, Open Science and ethics. NeuroImage, 236, 118041.

Haitas N, et al. (2021) Age-preserved semantic memory and the CRUNCH effect manifested as differential semantic control networks: An fMRI study. PloS one, 16(6), e0249948.

Illes J, et al. (2019) A Neuroethics Backbone for the Evolving Canadian Brain Research Strategy. Neuron, 101(3), 370.