Resource Summary Report

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THOR Center for Neuroinformatics

RRID:SCR_001400
Type: Tool

Proper Citation

THOR Center for Neuroinformatics (RRID:SCR_001400)

Resource Information

URL: http://isp.imm.dtu.dk/thor/

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 23,2022.Center hosting a number of related projects concerning neural networks, functional neuroimaging, multimedia signal processing, and biomedical signal processing. Neuroinformatics is a research field rooted in classical disciplines like signal processing, biology, physics, computer science and engineering. Neuroinformatics combines learning from the brain and learning about the brain. By studying information processing in the brain neuroinformatics invents new computing paradigms (e.g., artificial neural networks) with the objective of understanding the dynamics of the conscious mind. Artificial neural networks is an active neuroinformatics research field, which combines many approaches to adaptive signal processing in solving real world problems. They began using neural networks for general nonlinear adaptive signal processing. Since 1991 the CONNECT groups have participated in the development of neural computing as an advanced, non-linear statistical tool, which has been applied to forecasting within dynamical systems, pattern recognition, and medical image analysis, particularly functional neuroimages. While neural computing has largely been viewed as a black box approach, they have initiated research aimed at opening this black box, using hypertext, multimedia, and interactivity. Their key objective is to convert abstract models into intuitive knowledge through interactive visualization.

Abbreviations: THOR Center

Synonyms: Technology by Highly Oriented Research Center for Neuroinformatics

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

Keywords: neuroinformatics, neural network, functional neuroimaging, multimedia, signal processing, biomedical, neuroscience, biomedical, brain

Funding: Danish Research Council

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: THOR Center for Neuroinformatics

Resource ID: SCR_001400

Alternate IDs: nif-0000-08128

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250501T080428+0000

Ratings and Alerts

No rating or validation information has been found for THOR Center for Neuroinformatics.

No alerts have been found for THOR Center for Neuroinformatics.

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 dkNET.

Heim CE, et al. (2020) Lactate production by Staphylococcus aureus biofilm inhibits HDAC11 to reprogramme the host immune response during persistent infection. Nature microbiology, 5(10), 1271.