

handbook of brain connectivity pdf

A connectome (/ k ɛˈtɪn ɛk t oʊn m /) is a comprehensive map of neural connections in the brain, and may be thought of as its "wiring diagram". More broadly, a connectome would include the mapping of all neural connections within an organism's nervous system.

Connectome - Wikipedia

The human brain is the central organ of the human nervous system, and with the spinal cord makes up the central nervous system. The brain consists of the cerebrum, the brainstem and the cerebellum. It controls most of the activities of the body, processing, integrating, and coordinating the information it receives from the sense organs, and making decisions as to the instructions sent to the ...

Human brain - Wikipedia

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Publications | THC.Texas.gov - Texas Historical Commission

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Results. The primary olfactory centers in this species dominate the brain and are composed of many elongate olfactory glomeruli. The secondary olfactory centers that receive an input from olfactory projection neurons are almost equally large as the olfactory lobes and are organized into parallel neuropil lamellae.

Brain architecture in the terrestrial - BMC Neuroscience

I agree. This is an incredibly thoughtful and illuminating post. I think that several things are worth re-emphasizing: Notably: "The brain is plastic."

Your Brain on Politics: The Cognitive Neuroscience of

A brain connectome is inconceivably complex; a single nerve can connect to 8,000 others, and the brain contains billions of cells. Today, imaging the connections in even a square millimeter of ...

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