Abstract

Brodmann's map is one of the best known maps of the human cerebral cortex. However, Korbinian Brodmann's 1909 monograph containing the first map has not been widely read by neurologists. Following the publication of the first map, Brodmann reproduced the map in 1910 and again in 1914 with several important differences.

The cytoarchitectonic regions of man

1 Brodmann's 1909 cytoarchitectural maps of the human brain provide both lateral and medial views with 11 regions. A number of the medial regions is important to olfaction, autobiographical memory and mental time.

The cortical areas of the cerebral hemispheres

2 Brodmann's published map of 1909 does not show area 12, while it is included in the maps of 1910 and 1914.

Area 12 may play an important role in social cognitive function and play a role in time order judgement and mental time travel.

references


Special thanks!