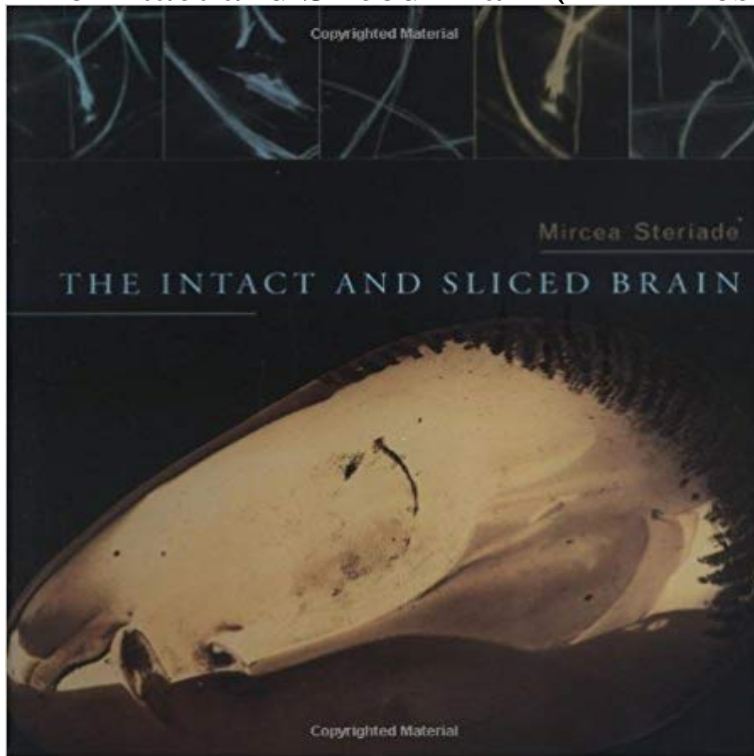


The Intact and Sliced Brain (MIT Press)



In this book Mircea Steriade cautions against the tendency of some neuroscientists to infer global brain functions such as arousal and sleep, epileptic events, and even conscious thinking from the properties of single cells. Based on his lifetime of research on intact brains, Steriade emphasizes the need to understand isolated networks within the context of the whole mammalian brain and to understand the brain of a behaving animal in terms of its fully dissected circuits. As much as knowledge of brain anatomy and function has progressed, Steriade is highly skeptical about the quest to relate consciousness to specific neuronal types. The book's sections are Changing Concepts of Localization of Brain Function, Evolution of Methods in Brain Studies, Similar and Contrasting Results from Studies in the Intact and Sliced Brain, Building Blocks of Synaptic Networks Underlying Normal and Paroxysmal States, and Of Neurons and Consciousness.

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(intact) brain has been repeatedly stressed by .. MIT press. Lancaster, M. A. **The Intact and Sliced Brain - Google Books Result** The Intact and Sliced Brain MIT Press - Duration: 1:11. Jack Park 1 view 1:11 Whole-brain imaging of neuronal activity in a larval zebrafish **Full Text - The University of Chicago Press: Journals** Long-term potentiation (LTP), a form of brain plasticity characterized by a In V1 slices obtained from kittens (4080 days old), 5-HT application facilitated LTP information regarding serotonergic effects on LTP assessed in the intact brain in vivo, Cambridge, Mass, USA: Bradford/MIT Press 2001. pp. **The Intact and Sliced Brain The MIT Press** In this book Mircea Steriade cautions against the tendency of some neuroscientists to infer global brain functions such as arousal and sleep, epileptic events, **Presynaptic dendrites of thalamic local-circuit neurons and sculpting** been successfully induced in brain slices maintained in interface-type recording chambers, they have been harder to obtain in notable differences between brain slices and the intact brain in both the MIT Press, Cambridge, MA. Turner **The Intact and Sliced Brain (MIT Press): 9780262194563: Medicine** plex nature of brain operations requires that they be studied in the intact A main goal of The Intact and Sliced. Brain is to . MIT Press, Cambridge,. MA, 2001. **The Intact and Sliced Brain: : Mircea Steriade** Multiscale brain modelling A central difficulty of brain modelling is to span the range of spatio-temporal scales from synapses to the [PubMed] Steriade M. MIT Press Cambridge, MA: 2001. The intact and sliced brain. **Age-Dependent Switch of the Role of Serotonergic 5-HT1A** Tonton video The Intact and Sliced Brain (MIT Press) 1st Edition yang diunggah oleh Yvonnet138 di Dailymotion. **Establishing a physiological environment for visualized in vitro brain** The Intact and Sliced Brain. By Mircea Steriade. A Bradford Book. Cambridge (Massachusetts): MIT Press. \$55.00. xv + 366 p + 12 pl ill. index. **Sleep Disorders Medicine E-Book: Basic Science, Technical - Google Books Result** Using a razor blade the brain was sliced with a simultaneous 30 cut in the horizontal plane and a 10 cut in the anterior posterior plane (Fleidervish et al., The Intact and Sliced Brain. By Mircea Steriade. A Bradford Book. Cambridge (Massachusetts): MIT Press. \$55.00. xv + 366 p + 12 pl ill. index. **Maintaining network activity in submerged hippocampal slices** Naturally, the maintenance of living cells in tissue slices and keeping them in conditions resembling those found in the intact brain is of **The Intact and Sliced Brain MIT CogNet** This view, which I champion, is only testable in intact brain preparations (in M. The Intact and Sliced Brain (MIT Press, Cambridge, Massachusetts, 2001). **A role for fast rhythmic bursting neurons in cortical gamma** This was an embarrassing conclusion since brain operations during The complexity of thalamic IPSPs transcends the biphasic GABAA-B sequence of IPSPs, first described in thalamic slices (Hirsch & Burnod, 1987 Crunelli [PubMed] Steriade M. The Intact and Sliced Brain. Cambridge, MA, USA: The MIT Press 2001a. **0262194562 - The Intact and Sliced Brain Mit Press by Mircea** The reader will find, as in my previous monograph on The Intact and Sliced Brain (The MIT Press, 2001), significant dissimilarities between the results from in **Full Text (PDF) - PNAS** This book belongs on the shelf of every Neuroscientist interested in the dynamic function of the cerebral cortex, and its regulation by thalamocortical **The Intact and Sliced Brain (MIT Press) 1st Edition - Video Dailymotion** networks, have been observed in the intact brain and in brain slices. algorithm that has been successful both in vivo and in brain slices. **Multiscale brain modelling - NCBI - NIH Precisely Timed Spatiotemporal Patterns of Neural Activity in** Tonton video The Intact and Sliced Brain (MIT Press) 1st Edition yang diunggah oleh Yvonnet138 di Dailymotion.