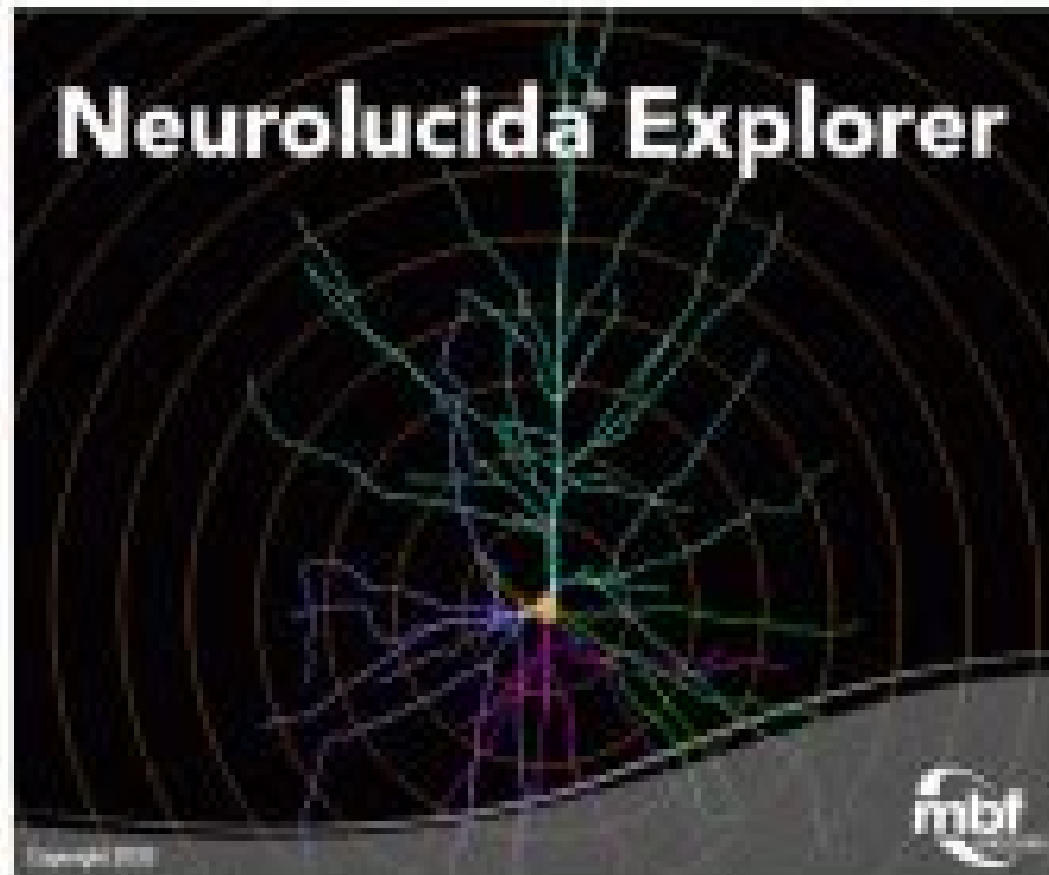


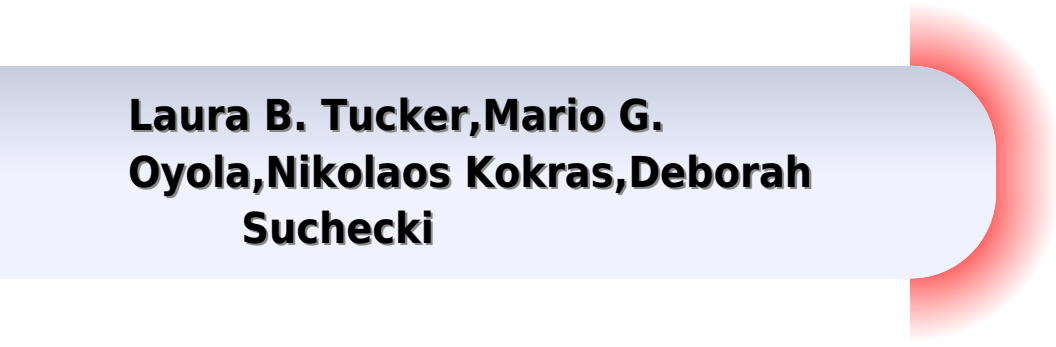


Obtain Quantitative Morphometric Data Using
Neurolucida Explorer



Neurolucida Explorer Manual

**Laura B. Tucker, Mario G.
Oyola, Nikolaos Kokras, Deborah
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Computational Neuroscience Erik De Schutter, 2000-11-22 Designed primarily as an introduction to realistic modeling methods Computational Neuroscience Realistic Modeling for Experimentalists focuses on methodological approaches selecting appropriate methods and identifying potential pitfalls The author addresses varying levels of complexity from molecular interactions within single neurons to the processing of information by neural networks He avoids theoretical mathematics and provides just enough of the basic math used by experimentalists What makes this resource unique is the inclusion of downloadable resources that furnish interactive modeling examples It contains tutorials and demos movies and images and the simulation scripts necessary to run the full simulation described in the chapter examples Each chapter covers the theoretical foundation parameters needed appropriate software descriptions evaluation of the model future directions expected examples in text boxes linked to the downloadable resources and references The first book to bring you cutting edge developments in neuronal modeling It provides an introduction to realistic modeling methods at levels of complexity varying from molecular interactions to neural networks The book and downloadable resources combine to make Computational Neuroscience Realistic Modeling for Experimentalists the complete package for

understanding modeling techniques

Cellular and Molecular Mechanisms that Govern Assembly, Plasticity, and Function of GABAergic Inhibitory Circuits in the Mammalian Brain Hiroki Taniguchi, Goichi Miyoshi, Anirban Paul, Yasufumi Hayano, 2025-03-06

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Brain abnormalities due to genetic alterations or developmental exposure to environmental factors Kazuhiko Sawada, Atsushi Yoshiki, Shigeyoshi Saito, 2022-08-31

Encyclopedia of the Neurological Sciences, 2014-04-29 The Encyclopedia of the Neurological Sciences Second Edition Four Volume Set develops from the first edition covering all areas of neurological sciences through over 1000 entries focused on a wide variety of topics in neurology, neurosurgery, psychiatry, and other related areas of neuroscience. The contributing authors represent all aspects of neurology from many viewpoints and disciplines to provide a complete overview of the field. Entries are designed to be understandable without detailed background knowledge in the subject matter and cross referencing and suggested further reading lead the reader from a basic knowledge of the subject to more advanced understanding. The easy to use encyclopedic dictionary format of the Encyclopedia of the Neurological Sciences Second Edition features alphabetic entries, extensive cross referencing, and a thorough index for quick reference. The wealth of information provided by these four volumes makes this reference work a trusted source of valuable information for a wide range of researchers from undergraduate students to academic researchers. Provides comprehensive coverage of the field of neurological science in over 1 000 entries in 4 volumes. Encyclopedic dictionary format provides for concise, readable entries and easy searching. Presents complete up to date information on 32 separate areas of neurology. Entries are supplemented with extensive cross referencing, useful references to primary research articles, and an extensive index.

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