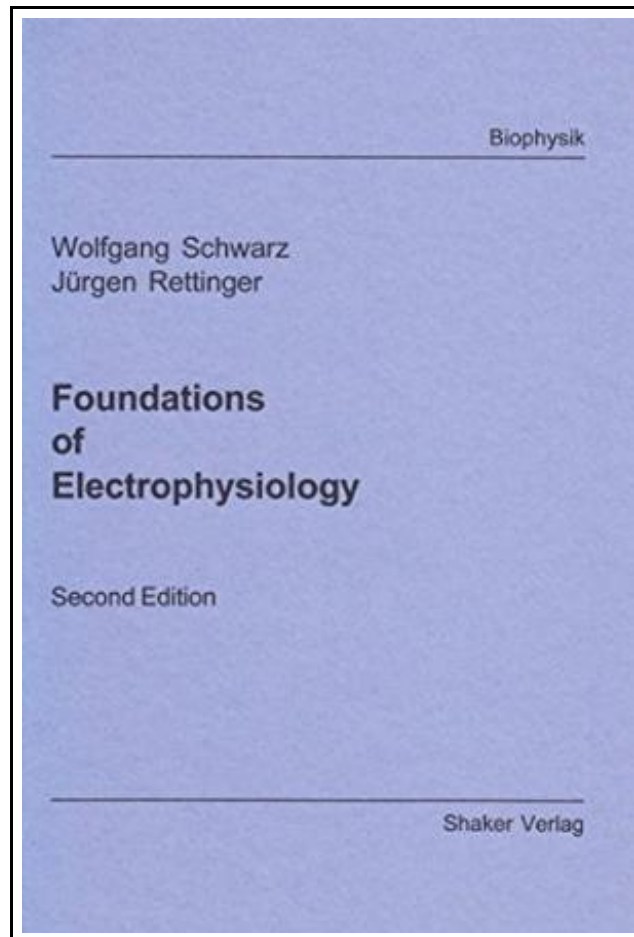


Foundations of Electrophysiology



Filesize: 7.64 MB

Reviews

It is really an awesome ebook which i have ever go through. It is actually writter in straightforward terms and not confusing. I am very easily could get a satisfaction of reading a written ebook.
(Clotilde Wiegand)

FOUNDATIONS OF ELECTROPHYSIOLOGY

DOWNLOAD



To save **Foundations of Electrophysiology** eBook, please follow the link listed below and download the file or have access to other information which might be relevant to FOUNDATIONS OF ELECTROPHYSIOLOGY ebook.

Shaker Verlag Jan 2003, 2003. Taschenbuch. Book Condition: Neu. 213x149x12 mm. Neuware - After a brief introductory and historical overview on electrophysiology (Chapter II: Introduction) basic electrochemical principles for the understanding of this subject are summarized (Chapter III: Basics: Theory). Thereafter, electrophysiological methods including principles of data analysis are presented in the 4th chapter (IV: Basics: Methods) ranging from measurements on the whole animal via measurements on single cells with microelectrodes to the patch-clamp technique. This chapter also includes a brief presentation of ion-selective microelectrodes and the carbon-fibre technique. In the following chapter (V: Ion-selective Channels), the major conductance pathways in cell membranes are described with respect to their specific characteristics. Essentials of membrane excitability based on Hodgkin-Huxley description of an action potential and synaptic transmission are presented in the 6th chapter (VI: Theory of Excitability). This is followed by a chapter (VII: Carrier-mediated Transport) presenting with three examples characteristics of carriers compared to channels and how electrophysiological methods can be used for functional characterisation. Finally, we finish with exemplary illustration of how combination of electrophysiology, molecular biology and pharmacology can be applied to learn about structure, function and regulation of membrane permeabilities that form the basis of cellular function (Chapter VIII: Modern Examples of Application of Electrophysiology). 190 pp. Englisch.



[Read Foundations of Electrophysiology Online](#)



[Download PDF Foundations of Electrophysiology](#)

Relevant Kindle Books



[PDF] Psychologisches Testverfahren

Click the web link listed below to get "Psychologisches Testverfahren" PDF file.

[Read PDF »](#)



[PDF] Programming in D

Click the web link listed below to get "Programming in D" PDF file.

[Read PDF »](#)



[PDF] California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Click the web link listed below to get "California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" PDF file.

[Read PDF »](#)



[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Click the web link listed below to get "Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" PDF file.

[Read PDF »](#)



[PDF] Who am I in the Lives of Children? An Introduction to Early Childhood Education (Paperback)

Click the web link listed below to get "Who am I in the Lives of Children? An Introduction to Early Childhood Education (Paperback)" PDF file.

[Read PDF »](#)



[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package (Paperback)

Click the web link listed below to get "Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package (Paperback)" PDF file.

[Read PDF »](#)