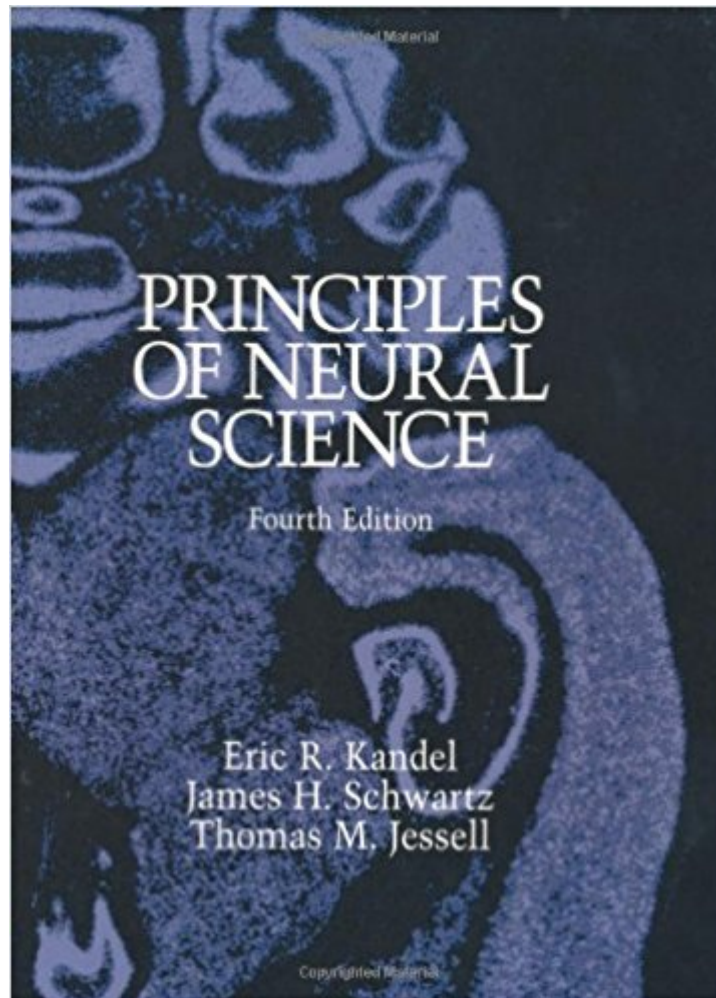




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Principles Of Neural Science



Synopsis

A Doody's Core Title for 2011! 5 STAR DOODY'S REVIEW! "This is a simply wonderful book that makes accessible in one place all the details of how the neuron and brain work. The writing is clear. The drawings are elegant and educational. The book is a feast for both the eye and mind. The richness, the beauty, and the complexity of neuroscience is all captured in this superb book."--Doody's Review Service Now in resplendent color, the new edition continues to define the latest in the scientific understanding of the brain, the nervous system, and human behavior. Each chapter is thoroughly revised and includes the impact of molecular biology in the mechanisms underlying developmental processes and in the pathogenesis of disease. Important features to this edition include a new chapter - Genes and Behavior; a complete updating of development of the nervous system; the genetic basis of neurological and psychiatric disease; cognitive neuroscience of perception, planning, action, motivation and memory; ion channel mechanisms; and much more.

Book Information

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Customer Reviews

"This is a simply wonderful book that makes accessible in one place all the details of how the neuron and brain work. The writing is clear. The drawings are elegant and educational. The book is a feast for both the eye and mind. The richness, the beauty, and the complexity of neuroscience is all captured in this superb book." "5 Stars!" (Doody's 2001-11-01)

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This is a "from the ground up" text book that is well written and actually straightforward. Some of the research details are outdated, such as the genetics information, but even that is well rounded in what was understood ten years ago. The authors have put together a very clearly written and clean presentation of what is a very difficult subject matter. This is not for the faint of determination or for the lay person without any biology or anatomy background, however. The subjects range throughout history of brain science to functional assessments of neurological and psychological disorders. Anatomy of the nervous system is detailed and thorough as is the physiology. The chapters are well defined in scope and organized well enough to allow either a straight through read or a more pick and choose section to section based on need for detailed info or interest. Outstanding overall and I'll be looking forward to the next edition as well!

I have a degree in chemistry. I found it to be an important addition to my library. Book covers the basic chemistry such as amines and other biochemistry in the brain. From my perspective, the biology is understandable and touches upon aspects of normal functioning and abnormal aspects such as mental illness. I consider this book as valued addition and look forward to years of use.

Much more than a standard book on neuroscience, a tour the force from the basics to advanced concepts on the subject, the most thoroughly and up to date guide in the field, by one of the brightest minds of our time. Eric Kandel has brought forth the science of the mind to a new era. Indispensable to read with his *In Search of Memory* as a Companion.

Not your typical textbook, be sure to try a sample of this item before you buy because many of the authors within use Neuroscience jargon as if speaking to a fellow researcher when describing their specialty areas. Also, I read these kinds of books for fun, but some Instructors may find that it can serve as a good supplement to many biology, bioethics, neural science, neuroscience, and psychology courses BUT lacks the organization and fluidity one should expect from a textbook.

Written by Nobel Prize winning professor from Columbia University. Elaborate introduction to neuroscience & easy to understand. This is by far the best book textbook on general Neuroscience out there.

Great quality, best price I could find for a NEW book.

EXTREMELY dense, but helped so much in my classes. Even if you're not a neuro person, or the book isn't required, I would recommend buying it. It's going to be an extremely valuable resource for me and considering it's size it's very cheap.

As a doctor, I find this book an excellent resource for the inner workings of the nervous system. Wonderful for medical and chiropractic students. I also enjoyed the timeliness on the delivery from the seller.

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