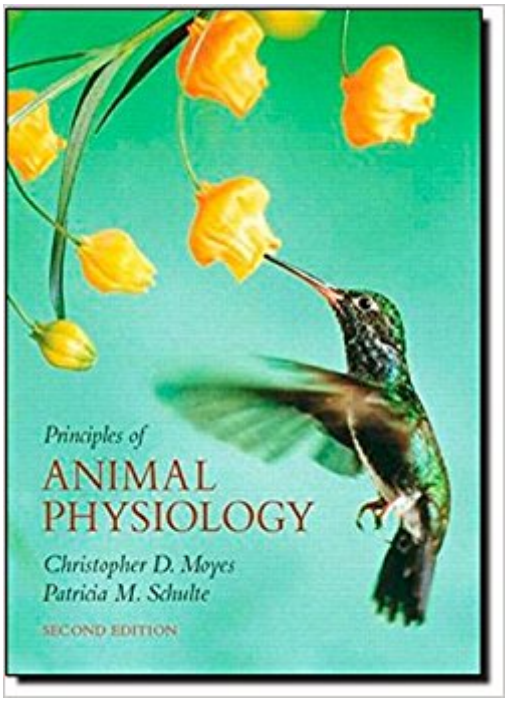
Ebook Directory
the best source of ebook

The book was found

Principles Of Animal Physiology (2nd Edition)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

Principles of Animal Physiology, Second Edition continues to set a new standard for animal physiology books with its focus on animal diversity, its clear foundation in molecular and cell biology, its concrete examples throughout, and its fully integrated coverage of the endocrine system. The book includes the most up-to-date research on animal genetics and genomics, methods and models, and offers a diverse range of vertebrate and invertebrate examples. The Cellular Basis of Animal Physiology:Ã Â Introduction to Physiological Principles,Ã Â Chemistry, Biochemistry, and Cell Physiology,Ã Â Hormones and Cell Signaling,Ã Â Neuron Structure and Function,Ã Â Cellular Movement and Muscles.Ã Â Integrating Physiological Systems:Ã Â Sensory Systems,Ã Â Functional Organization of Nervous Systems,Ã Â Circulatory Systems,Ã Â Respiratory Systems,Ã Â Ion and Water Balance,Ã Â Digestion,Ã Â Locomotion,Ã Â Thermal Physiology,Ã Â Reproduction. MARKET: For all readers interested in animal physiology.

Book Information

Hardcover: 784 pages

Publisher: Pearson; 2 edition (October 15, 2007)

Language: English

ISBN-10: 0321501551

ISBN-13: 978-0321501554

Product Dimensions: 8.7 x 1.2 x 10.8 inches

Shipping Weight: 4 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars 22 customer reviews

Best Sellers Rank: #72,009 in Books (See Top 100 in Books) #156 inÃ Â Books > Science & Math > Biological Sciences > Zoology #255 inÃ Â Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Anatomy & Physiology #320 inÃ Â Books > Medical Books > Basic Sciences > Physiology

Customer Reviews

Principles of Animal Physiology,Second Editioncontinues to set a new standard for animal physiology books with its focus on animal diversity, its clear foundation in molecular and cell biology, its concrete examples throughout, and its fully integrated coverage of the endocrine system. The book includes the most up-to-date research on animal genetics and genomics, methods and models, and offers a diverse range of vertebrate and invertebrate examples.The Cellular Basis of

Animal Physiology:Ã Â Introduction to Physiological Principles,Ã Â Chemistry, Biochemistry, and Cell Physiology,Ã Â Hormones and Cell Signaling,Ã Â Neuron Structure and Function,Ã Â Cellular Movement and Muscles.Ã Â Integrating Physiological Systems:Ã Â Sensory Systems,Ã Â Functional Organization of Nervous Systems,Ã Â Circulatory Systems,Ã Â Respiratory Systems,Ã Â Ion and Water Balance,Ã Â Digestion,Ã Â Locomotion,Ã Â Thermal Physiology,Ã Â Reproduction.MARKET: For all readers interested in animal physiology.

Christopher D. Moyes received his Ph.D. in Zoology from the University of British Columbia in the area of comparative muscle physiology. After postdoctoral fellowships in molecular physiology at the U.S. National Institutes of Health and Simon Fraser University, he took a position at Queen's University, where he is an associate professor in the Department of Biology. He teaches a spectrum of courses in cell biology and animal physiology, while continuing to pursue his research interests in molecular physiology and biochemistry.Chris is a recipient of the Premier's Research Excellence Award. He is a member of the American Physiological Society and The Canadian Society of Zoologists and has served on the Natural Science and Engineering Research Council of Canada grant panel for Animal Biology. He is also a member of the Editorial Board of Comparative Biochemistry and Physiology. He has published more than 60 peer-reviewed papers, including contributions to four books. Among his recent papers are Moyes, C.D., and D.L. Hood (2003) "Origins and consequences of mitochondrial variation in vertebrate muscle," Annual Review of Physiology 65: 177-201 and Moyes, C.D. (2003) "Controlling muscle mitochondrial content," Journal of Experimental Biology 206: 4285-4391.Patricia M. Schulte received her Ph.D. in Biological Sciences from Stanford University in the area of evolutionary physiology focusing on the role that changes in gene expression play in evolution. She is currently an assistant professor in the Department of Zoology at the University of British Columbia in Vancouver, where she teaches animal physiology and evolutionary physiology and runs an active research program. Using several species of fish as model systems, her research group is particularly focused on the relationship between genetic variation, performance differences, and fitness in a changing environment. She also conducts research into applied questions relating to fisheries, aquaculture, and aquatic toxicology.Trish is a recipient of the Premier's Research Excellence Award and several teaching awards, including the UBC Science Undergraduate Society Award for Excellence in Teaching. Trish is a member of the Canadian Society of Zoologists and the Society for Integrative and Comparative Biology. She is an associate editor for the scientific journal Physiological and

Biochemical Zoology.She has published more than 30 peer-reviewed papers, including two book chapters. Among her recent papers are DeKoning, A. B. L., D.J. Picard, S.R. Bond, and P.M. Schulte (2004) "Stress and interpopulation variation in glycolytic enzyme expression in a teleost fish, Fundulus heteroclitus," and P.M. Schulte (2003) "Na+/K+-ATPase alpha-isoform switching in gills of rainbow trout (Oncorhynchus mykiss) during salinity transfer," Journal of Experimental Biology 206: 4475-4486. --This text refers to an out of print or unavailable edition of this title.

Not written in an especially clear manner, it’s difficult to get through chapters without constantly reexamining what you’ve just read. I wish my professor would have picked a better book. It’s VERY lacking on the graphics side too.

I used this textbook for an intro level animal physiology class. Overall the book is very well written and approachable. Concepts are laid out simply and in an easy to follow format. If you are looking for a detailed look at underlying mechanisms than this book is not for you --but this isn’t the focus of physiology as a discipline. Physiology is concerned with the larger relationship between biological structure and function. For instance, why cardiac cells are different from skeletal muscle. In this regard, the book is quite excellent.

The book was exactly as described and in perfect condition. It’s very nice inside and out, and would strongly recommend to anyone interested in animal physiology.

Fair quality physiology textbook. Not the most engaging read.

Well written; just a biology textbook in disguise.You really have to force yourself to sit down and stare at the paragraphs, but it gets the message across eventually.Very informative, plenty of pictures.

It is a very interesting textbook. It is worth reading if your passion revolves around animal.

This book is required for my upper undergraduate class. However, the contents and texts are written for freshmen level.

School book. Worked great for that class

Download to continue reading...

Cellular Physiology and Neurophysiology E-Book: Mosby Physiology Monograph Series (Mosby's Physiology Monograph) Cardiovascular Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 10e (Mosby's Physiology Monograph) Endocrine and Reproductive Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 4e (Mosby's Physiology Monograph) Renal Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 5e (Mosby's Physiology Monograph) Medical Terminology: Medical Terminology Easy Guide for Beginners (Medical Terminology, Anatomy and Physiology, Nursing School, Medical Books, Medical School, Physiology, Physiology) Gastrointestinal Physiology: Mosby Physiology Monograph Series (With STUDENT CONSULT Online Access), 8e (Mosby's Physiology Monograph) Principles of Animal Physiology (2nd Edition) Principles of Animal Physiology (3rd Edition) Animal Migration (Animal Behavior) (Animal Behavior (Library)) Human Anatomy & Physiology (9th Edition) (Marieb, Human Anatomy & Physiology) Pulmonary Physiology, 7th Edition (Lange Physiology) Laboratory Manual for Anatomy & Physiology (5th Edition) (Anatomy and Physiology) Human Anatomy & Physiology Laboratory Manual, Fetal Pig Version (12th Edition) (Marieb & Hoehn Human Anatomy & Physiology Lab Manuals) Vander's Renal Physiology, 7th Edition (LANGE Physiology Series) Human Anatomy & Physiology Laboratory Manual, Cat Version Plus MasteringA&P with eText -- Access Card Package (12th Edition) (Marieb & Hoehn Human Anatomy & Physiology Lab Manuals) Human Anatomy & Physiology Laboratory Manual, Main Version Plus MasteringA&P with eText -- Access Card Package (11th Edition) (Marieb & Hoehn Human Anatomy & Physiology Lab Manuals) Endocrine Physiology, Fourth Edition (Lange Physiology Series) Laboratory Manual for Anatomy & Physiology (6th Edition) (Anatomy and Physiology) Human Anatomy & Physiology (Marieb, Human Anatomy & Physiology) Standalone Book Respiratory Care Anatomy and Physiology: Foundations for Clinical Practice, 3e (Respiratory Care Anatomy & Physiology)

Contact Us

DMCA

Privacy

FAQ & Help