

Bios Instant Notes In Genetics 2nd Second Edition By

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Instant Notes in Molecular Biology - P. C. Turner 1997

Providing researchers and students with easy access to the key facts in a format specially designed for ease of use and rapid revision, this book in the acclaimed "Instant Notes" series covers studying cells and macromolecules, protein structure, nucleic acids composition properties and structures, and gene manipulation, and bacteriophage and viruses, tumor viruses and oncogenes, and applications. 220 illus.

BIOS Instant Notes in Biochemistry - David Hames 2006-09-27

A major update of the highly popular second edition, with changes in the content and organisation that reflect advances in the subject. New and expanded topics include cytoskeleton, molecular motors, bioimaging, biomembranes, cell signalling, protein structure, and enzyme regulation. As with the first two editions, the third edition of Instant Notes in Biochemistry provides the essential facts of biochemistry with detailed explanations and clear illustrations.

Plant Biology - Andrew J. Lack 2005

Instant Notes in Plant Biology covers all aspects of modern plant biology. The scope and depth of this text are suitable for a first and second year undergraduate student of plant biology, including molecular biologists and biotechnologists.

BIOS Instant Notes in Sport and Exercise Biomechanics - Paul Grimshaw 2004-03-01

Instant Notes Sport and Exercise Biomechanics provides a comprehensive overview of the key concepts in exercise and sport biomechanics. The kinematics of motion are reviewed in detail, outlining the physics of motion. Mechanical characteristics of motion, the mechanisms of injury, and the analysis of the sport technique provides a source of valuable information.

BIOS Instant Notes in Bioinformatics - Charlie Hodgman 2009-12-16

The second edition of Instant Notes in Bioinformatics introduced the readers to the themes and terminology of bioinformatics. It is divided into three parts: the first being an introduction to bioinformatics in biology; the second covering the physical, mathematical, statistical and computational basis of bioinformatics, using biological examples wherever possible; the third describing applications, giving specific detail and including data standards. The applications covered are sequence analysis and annotation, transcriptomics, proteomics, metabolite study, supramolecular organization, systems biology and the integration of-omic data, physiology, image analysis, and text analysis.

BIOS Instant Notes in Genetics - Hugh Fletcher 2012-11-27

BIOS Instant Notes in Genetics, Fourth Edition, is the perfect text for undergraduates looking for a concise introduction to the subject, or a study guide to use before examinations. Each topic begins with a summary of essential facts—an ideal revision checklist—followed by a description of the subject that focuses on core information, with clear, simple diagrams that are easy for students to understand and recall in essays and exams.

Instant Notes in Immunology - Peter M. Lydyard 2000-01

"Instant Notes in Immunology provides a concise yet comprehensive introduction to immunology, providing easy access to the core information in the field. The book covers all important areas in immunology in a format which is ideal for learning and rapid revision. It also features MCQs and answers to test understanding." "If you are studying immunology and need an easy to understand text, Instant Notes in Immunology is the lifeline you need to help you understand the subject and pass the course."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

Understanding Bioinformatics - Marketa J. Zvelebil 2008

Suitable for advanced undergraduates & postgraduates, this book provides a definitive guide to bioinformatics. It takes a conceptual approach & guides the reader from first principles through to an understanding of the computational techniques & the key algorithms.

Instant Notes Animal Biology - Richard David Jurd 2004

This is a student-friendly compendium of the essentials of animal biology, including the Animal Kingdom, comparative physiology, reproductive physiology and developmental biology.

BIOS Instant Notes in Immunology - Peter Lydyard 2011-03-31

BIOS Instant Notes in Immunology, Third Edition, is the perfect text for undergraduates looking for a concise introduction to the subject, or a study guide to use before examinations. Each topic begins with a summary of essential facts—an ideal revision checklist—followed by a description of the subject that focuses on core information, with clear, *BIOS Instant Notes in Molecular Biology* - Phil Turner 2007-01-24 The new edition of Instant Notes in Molecular Biology has been revised and updated to include information on micro RNAs, RNA inhibition, functional genomics, proteomics, imaging, stem cells and bioinformatics. Written in an accessible style, the book will be a highly useful tool for studying molecular biology.

Instant Notes in Ecology - Aulay Mackenzie 1998

Instant Notes in Ecology provides concise yet comprehensive coverage of ecology at an undergraduate level, providing easy access to the core information in the field. The book covers all the important areas of ecology in a format which is ideal for learning and rapid revision.

BIOS Instant Notes in Physiological Psychology - Hugh Wagner 2004-04-01

Instant Notes in Physiological Psychology provides a succinct overview of the key topics in physiological psychology, providing easy access to the core information in the field. Although physiological psychology is a required component of most degrees, the authors recognise that many students come from non-scientific backgrounds and may find the subject daunting. This book covers all of the essential topics in a format that is ideal for learning and rapid revision for students from all backgrounds. It can serve as a core text, supplemented by readings in the original literature, as a reference guide for students and lecturers alike, or as an ideal revision revision guide prior to exams. Instant Notes in Physiological Psychology is primarily intended for students taking a first course in the subject, but can also be used as an introduction to the field for undergraduates and graduates from other subject areas.

Microbiology - Anthony Strelkauskas 2015-07-14

As with the successful first edition, the new edition of Microbiology: A Clinical Approach is written specifically for pre-nursing and allied health students. It is clinically-relevant throughout and uses the theme of infection as its foundation. Microbiology is student-friendly: its text, figures, and electronic resources have been carefully desig

An Introduction to Genetic Engineering - Desmond S. T. Nicholl 2002-02-07

The author presents a basic introduction to the world of genetic engineering. Copyright © Libri GmbH. All rights reserved.

BIOS Instant Notes in Plant Biology - Andrew Lack 2021-06-30

The second edition of Instant Notes in Plant Biology, has been both updated and reorganized and gives an insight into the whole of plant science, integrating structure, function and physiology. A major addition is the section on understanding plants which introduces the major techniques in plant science and shows how advances are made. Molecular techniques are used in all areas of plant science and are included throughout.

Molecular Biology - Philip C. Turner 2000

Discusses cells, macromolecules, proteins, nucleic acids, chromosome structure, DNA, gene manipulation, bacteriophages, viruses, transcription in eukaryotes and prokaryotes, gene libraries, cloning, and applications.

BIOS Instant Notes in Microbiology - Simon Baker 2011-03-16

BIOS Instant Notes in Microbiology, Fourth Edition, is the perfect text for undergraduates looking for a concise introduction to the subject, or a study guide to use before examinations. Each topic begins with a summary of essential facts—an ideal revision checklist—followed by a

description of the subject that focuses on core information, with clear
BIOS Instant Notes in Human Physiology - Daniel McLaughlin
2013-04-11

Instant Notes in Human Physiology will be valuable to students in whatever context they are studying physiology. It explains fundamental concepts and the major physiological systems, showing how they are integrated, without overloading the reader with information.

BIOS Instant Notes in Chemistry for Biologists - J Fisher 2020-09-15
BIOS Instant Notes Chemistry for Biologists, Third Edition, is the perfect text for undergraduates looking for a concise introduction to the subject, or a study guide to use before examinations. Each topic begins with a summary of essential facts-an ideal revision checklist-followed by a description of the subject that focuses on core information, with clear, simple diagrams that are easy for students to understand and recall in essays and exams. BIOS Instant Notes Chemistry for Biologists, Third Edition, is fully up-to-date and covers: The elements Chemical bonds and molecular shape Water- the biological solvent Carbon, the basis for life on Earth 3D-molecular structure of organic compounds Small inorganic molecules of biological importance Some metals in biology Molecular interactions Common reaction types of carbon based compounds Organic compounds by chemical class Aromatic compounds Chemical synthesis of biological molecules Important biological macromolecules by class Aqueous behaviour Elementary thermodynamics Kinetics Spectroscopy Units and calculations

BIOS Instant Notes in Mathematics and Statistics for Life Scientists - Aulay MacKenzie 2004-07-01

Instant Notes in Mathematics and Statistics for Life Scientists is aimed at undergraduate life science students who need to improve or brush-up their mathematical and statistical skills to a level which will make the quantitative components of most undergraduate biological courses accessible.

Handbook of Microbiology - Allen I Laskin 2019-07-23

Included in the present volume are selected pages from Volume I, II, and IV of the CRC Handbook of Microbiology. Data from Volume II has not been included (microbial products), which did not lend itself readily to the selection of a few pages. As it is the present volume includes information about the various groups of microorganisms, their cell walls, and their genetics. Data on amino acids, carbohydrates, and lipids are included, together with diagrams of metabolic pathways and information on immunocompetent cells. General reference data include a glossary, statistical tables and other information that is hoped to be found useful by the reader.

The Biology of Cancer - Weinberg, Robert A. 2013-05-24

Incorporating the most important advances in the fast-growing field of cancer biology, the text maintains all of its hallmark features. It is admired by students, instructors, researchers, and clinicians around the world for its clear writing, extensive full-color art program, and numerous pedagogical features.

Chemistry for Biologists - Julie Fisher 2004

Instant Notes in Chemistry for Biologists, Second Edition is a concise yet comprehensive book for undergraduates in the life sciences who have a limited background in chemistry. This book covers the main concepts in chemistry, provides simple explanations of chemical terminology, and extensively illustrates underlying principles and phenomena in the life sciences with clear biological examples. Building on the success of the first edition, the second edition has been fully revised and updated and includes new sections on water as a biological solvent, inorganic molecules and biological macromolecules.

BIOS Instant Notes in Molecular Biology - Phil Turner 2007-01-24

The new edition of Instant Notes in Molecular Biology has been revised and updated to include information on micro RNAs, RNA inhibition, functional genomics, proteomics, imaging, stem cells and bioinformatics. Written in an accessible style, the book will be a highly useful tool for studying molecular biology.

BIOS Instant Notes in Neuroscience - Alan Longstaff 2007-01-24

The second edition of Instant Notes in Neuroscience covers neuroanatomy, cellular and molecular neuroscience, systems neuroscience, behavior, development of the nervous system, learning, memory, and common brain disorders. It gives rapid and easy access to the core of the subject in an affordable and manageable-sized text.

BIOS Instant Notes in Inorganic Chemistry - Tony Cox 2004-03-01

Instant Notes in Inorganic Chemistry, second edition has been fully updated and new material added on developments in noble-gas chemistry and the synthesis, reactions and characterization of inorganic compounds. New chapters cover the classification of inorganic reaction

types concentrating on those useful in synthesis; techniques used in characterizing compounds, including elemental analysis; spectroscopic methods (IR, NMR) and structure determination by X-ray crystallography; and the factors involved in choosing appropriate solvents for synthetic reactions. The new edition continues to provide concise coverage of inorganic chemistry at an undergraduate level, offering easy access to all important areas of inorganic chemistry in a format which is ideal for learning and rapid revision.

Introduction to Genetics: A Molecular Approach - T A Brown
2012-03-22

Genetics today is inexorably focused on DNA. The theme of Introduction to Genetics: A Molecular Approach is therefore the progression from molecules (DNA and genes) to processes (gene expression and DNA replication) to systems (cells, organisms and populations). This progression reflects both the basic logic of life and the way in which modern biology

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Biology Today - Eli Minkoff 2003-12-22

Biology Today is a truly innovative introductory biology text. Designed to combine the teaching of biological concepts within the context of current societal issues, Biology Today encourages introductory biology students to think critically about the role that science plays in their world. The Third Edition has been revised and updated, and contains

Instant Notes in Physical Chemistry - Gavin Whittaker 2004-11-23

Instant Notes in Physical Chemistry introduces the various aspects of physical chemistry in an order that gives the opportunity for continuous reading from front to back. The background to a range of important techniques is incorporated to reflect the wide application of the subject matter. This book provides the key to the understanding and learning of physical chemistry.

Instant Notes in Genetics - Paul C. Winter 1998

This volume focuses on genetics. Topics covered include molecular genetics, DNA structure, genes, genetic code, RNA transcription, translation, DNA replication, chromosomes, organization of genomic DNA, and cell division.

The Handbook of Communication Science and Biology - Kory Floyd
2020-05-07

The Handbook of Communication Science and Biology charts the state of the art in the field, describing relevant areas of communication studies where a biological approach has been successfully applied. The book synthesizes theoretical and empirical development in this area thus far and proposes a roadmap for future research. As the biological approach to understanding communication has grown, one challenge has been the separate evolution of research focused on media use and effects and research focused on interpersonal and organizational communication, often with little intellectual conversation between the two areas. The Handbook of Communication Science and Biology is the only book to bridge the gap between media studies and human communication, spurring new work in both areas of focus. With contributions from the field's foremost scholars around the globe, this unique book serves as a seminal resource for the training of the current and next generation of communication scientists, and will be of particular interest to media and psychology scholars as well.

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2003-09-25

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Understanding Genetics - Genetic Alliance 2009

The purpose of this manual is to provide an educational genetics

resource for individuals, families, and health professionals in the New York - Mid-Atlantic region and increase awareness of specialty care in genetics. The manual begins with a basic introduction to genetics concepts, followed by a description of the different types and applications of genetic tests. It also provides information about diagnosis of genetic disease, family history, newborn screening, and genetic counseling. Resources are included to assist in patient care, patient and professional education, and identification of specialty genetics services within the New York - Mid-Atlantic region. At the end of each section, a list of references is provided for additional information. Appendices can be copied for reference and offered to patients. These take-home resources are critical to helping both providers and patients understand some of the basic concepts and applications of genetics and genomics.

Instant Notes in Biochemistry - David Hames 2006-09-07

A major update of the highly popular second edition, with changes in the content and organisation that reflect advances in the subject. New and expanded topics include cytoskeleton, molecular motors, bioimaging, biomembranes, cell signalling, protein structure, and enzyme regulation. As with the first two editions, the third edition of *Instant Notes in Biochemistry* provides the essential facts of biochemistry with detailed explanations and clear illustrations.

Instant Notes in Neuroscience - Alan Longstaff 2004-08-02

Instant Notes in Neuroscience provides concise yet comprehensive coverage of neuroscience at an undergraduate level, providing easy

access to the core information in the field. The book covers all the important areas of neuroscience in a format.

BIOS Instant Notes in Immunology - Peter Lydyard 2004-01-01

This new edition has been amended throughout, new sections have been added on ageing and gender and the immune system, and diagrams have been redrawn for improved clarity and consistency of style. *Instant Notes in Immunology, Second Edition* provides concise coverage of immunology at an undergraduate level, providing easy access to the core information in the field. The book covers all important areas in immunology in a format which is ideal for learning and rapid revision. Also features MCQs and answers test knowledge and understanding.

Plant Chromosomes - Archana Sharma 2019-06-18

The 1980s and 1990s have brought with them progress in plant chromosomal research. The chromosome has been clarified in detail, enabling identification of even gene sequences at the microscopic level, which has aided in the analysis of biodiversity. Knowledge of chromosome structure has played a crucial role on the improvement of crop species and has far-reaching implications. The manipulation and engineering of chromosomes involves novel methods, combining conventional and modern techniques of biotechnology. A working knowledge of such techniques is useful for students and researchers and the plant system, because of its totipotency, requires special treatment. This treatise covers methods involved in the study of evolution, biodiversity, and chromosome manipulation and engineering.