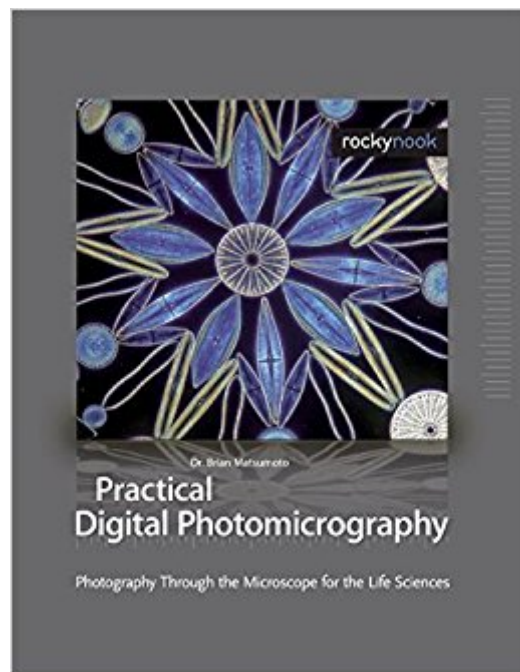




Ebook Directory
the best source of ebook

The book was found

Practical Digital Photomicrography: Photography Through The Microscope For The Life Sciences



Synopsis

Practical Digital Photomicrography is an introduction to digital photography through the microscope in which readers will learn about the techniques and equipment needed to obtain high-quality images of biological subjects. Author Dr. Brian Matsumoto received his Ph.D. in Anatomy and Cell Biology from the University of California at Los Angeles in 1981. He served as the Director of the Integrated Microscopy Facility in the Department of Molecular, Cellular, and Developmental Biology at the University of California, Santa Barbara from 1992 through 2009, where he taught a graduate level course in digital microscopy. Leveraging his decades of experience, Brian demystifies photomicrography basics such as microscope and camera concepts, illumination techniques, specimen preparation, photographic techniques, advanced optical techniques, and image post-processing. Abundant illustrations will guide the reader through these topics. Professionals in the life sciences and photography, educators and students, as well as photography enthusiasts will find this book an invaluable guide to learning the skills needed to obtain professional quality images through the microscope.

Book Information

Hardcover: 184 pages

Publisher: Rocky Nook; 1 edition (January 7, 2010)

Language: English

ISBN-10: 1933952075

ISBN-13: 978-1933952079

Product Dimensions: 8.4 x 0.6 x 9.9 inches

Shipping Weight: 1.5 pounds

Average Customer Review: 4.5 out of 5 stars 10 customer reviews

Best Sellers Rank: #824,879 in Books (See Top 100 in Books) #63 in Books > Science & Math > Experiments, Instruments & Measurement > Microscopes & Microscopy #413 in Books > Arts & Photography > Photography & Video > Equipment, Techniques & Reference > Digital Editing #619 in Books > Arts & Photography > Photography & Video > Equipment, Techniques & Reference > Equipment

Customer Reviews

In 1981, Dr. Brian Matsumoto received his Ph.D. in Anatomy and Cell Biology from the University of California at Los Angeles. His research required the development and refinement of techniques for transmission electron microscopy and light microscopy. These tools were used to study the role of

actin and microtubules in photoreceptor membrane transport and assembly. In 1992, Dr. Matsumoto was appointed Director of the Integrated Microscopy Facility: a unit administered by the Neuroscience Research Institute and the Department of Molecular, Cellular, and Developmental biology. This facility provides instruction and support for projects that require advanced imaging. In addition, he serves as the instructor for MCDB 220: a graduate level course for digital microscopy at the University of California. Presently he is strengthening the ties between the University and Industry by working with such companies as Olympus of America, Media Cybernetics, Q-Imaging, Jackson ImmunoResearch, Prior Scientific, and Image Content Technology. Together, they have developed a digital imaging course that is open to attendees throughout the United States.

This was far more useful, beautiful and interesting than anything I was expecting. The book has an excellent introduction to microscopes: describing parts, creating the necessary vocabulary, and describing functionality, especially as it pertains to the art. Useful microscope accessories are identified for specific purposes. A variety of cameras are presented with tips for using especially DSLR models from several different manufacturers. Information on improving images using software is provided. The book concludes with excellent advice on the qualities of microscopes one should consider in order to do this type of imaging with specific mention of instruments the author has used. But, I left the best until last! Throughout the book images made by the author are incorporated -- worth it just to see these and learn how they are done! What is especially nice: This is not a terribly long book; you do not have to wade through endless details, you don't get bogged down -- instead you become inspired to get out there and make some of your own art! I hope to find another gem like this from Dr. Matsumoto very soon!

I bought this book as I am just starting out in Photomicrography. This book provided excellent guidance and advice about techniques and equipment. Dr Matsumoto has a lot of expertise in the field and I found his coverage of topics and technique to be extremely useful in my decisions to purchase equipment. The book is very clearly written. I am sure that I will be referring to it often as I just purchased a stereo microscope today and will commence working with it in coming weeks and months. While the book may seem a little pricey, it was well worth the expense to me as it helped me narrow down and focus my ideas about equipment and techniques. In the long run I saved some money on equipment as I had a better idea of what I wanted to do and what equipment was appropriate after reading the book.

Book is loaded with practical information. I was working with an Olympus BH2 and the book addressed several questions that I had.

Much more than I was expected. Who would have thought that the thickness of coverslips would make such a difference in photography. This book has made a big difference in my microphotography.

Rookie or pro...you should have this in your library.

Filled with great ideas and tips that helped me improve my work. Excellent.

I have been out of Photomicrography for nearly 20 years. This is an excellent refresher as well as a good reference.

Ok if you get it at a discounted price. The same and more up to date information can be found on the web, but it is nice to have a single volume source for basic information.

[Download to continue reading...](#)

Practical Digital Photomicrography: Photography Through the Microscope for the Life Sciences
Photography: DSLR Photography Secrets and Tips to Taking Beautiful Digital Pictures
(Photography, DSLR, cameras, digital photography, digital pictures, portrait photography, landscape photography) Photography: Complete Guide to Taking Stunning, Beautiful Digital Pictures
(photography, stunning digital, great pictures, digital photography, portrait ... landscape photography, good pictures) Photography: DSLR Photography Made Easy: Simple Tips on How You Can Get Visually Stunning Images Using Your DSLR (Photography, Digital Photography, Creativity, ... Digital, Portrait, Landscape, Photoshop) DSLR Photography for Beginners: Take 10 Times Better Pictures in 48 Hours or Less! Best Way to Learn Digital Photography, Master Your DSLR Camera & Improve Your Digital SLR Photography Skills Photography Business: Sell That Photo!: 10 Simple Ways To Make Big Bucks Selling Your Photography Online (how to sell photography, freelance photography, ... to start on online photography business) David Buschâ™s Canon Powershot G15 Guide to Digital Photography (David Busch's Digital Photography Guides) Digital: Photography: For Beginners 2ND EDITION: Pictures: Simple Digital Photography Tips And Tricks To Help You Take Amazing Photographs (Canon, Nikon, ... Flash, Frame) (DSLR Cameras Book 1) David Buschâ™s Canon EOS 7D Guide to Digital SLR Photography (David Busch's Digital

Photography Guides) David Busch's Canon Powershot G12 Guide to Digital Photography (David Busch's Digital Photography Guides) Digital Underwater Photography: Jill Heinerth's Guide to Digital Underwater Photography Digital Photography Guide: From Beginner to Intermediate: A Compilation of Important Information in Digital Photography Digital Photography Secrets: How to Take Amazing Photographs Using Digital Photography Digital Photography: The Ultimate Guide to Mastering Digital Photography for Beginners in 30 Minutes or Less David Busch's Canon EOS 70D Guide to Digital SLR Photography (David Busch's Digital Photography Guides) David Busch's Nikon D3s/D3x Guide to Digital SLR Photography (David Busch's Digital Photography Guides) David Busch's Panasonic Lumix DMC-GF1 Guide to Digital Photography (David Busch's Digital Photography Guides) photography books for beginners: Advices, Understanding exposure triangle in Digital Photography - the most basic lesson, and tips about portrait, Wedding photography and more Photography Business: 4 Manuscripts - Adventure Sports Photography, Portrait Parties, Music Business Photography, Real Estate Photography Career Building Through Digital Photography (Digital Career Building)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)