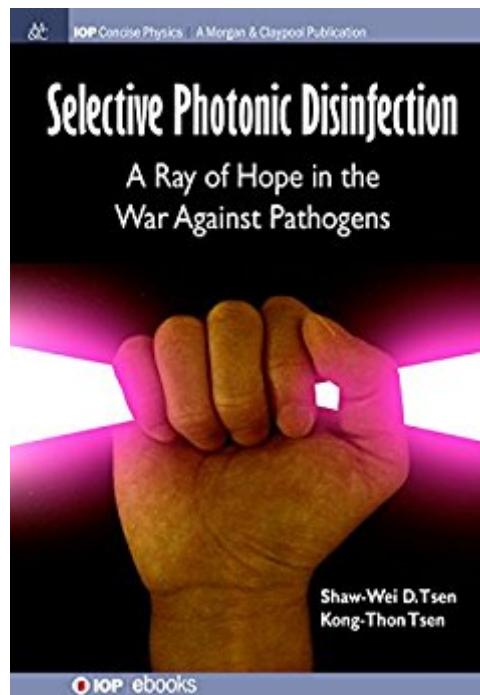




The book was found

Selective Photonic Disinfection: A Ray Of Hope In The War Against Pathogens



Synopsis

Pathogens such as viruses and bacteria are among the greatest threats to human health worldwide. In today's era of population growth and international travel, new technologies are desperately needed to combat the spread of known and emerging pathogens. This book presents a new concept for pathogen inactivation called selective photonic disinfection (SEPHODIS). The SEPHODIS technology inactivates pathogens by mechanical means, a total paradigm shift from traditional chemical and physical methods. The unique strength of SEPHODIS resides in its capability to inactivate pathogens while preserving desirable materials such as human cells and proteins. The technology also avoids the need to use chemicals, drastically reducing the risk of side effects. These properties make SEPHODIS ideal for important biomedical applications such as safeguarding blood products and therapeutics against pathogens, as well as producing effective and safe vaccines to combat infectious disease. Written in a style that is both technically informative and easy to comprehend for the layman reader, this book illustrates the story of SEPHODIS from its initial discovery and bench studies to its real-world applications.

Book Information

File Size: 6322 KB

Print Length: 104 pages

Simultaneous Device Usage: Unlimited

Publisher: IOP Concise Physics - A Morgan & Claypool Publication (September 5, 2016)

Publication Date: September 5, 2016

Sold by: Â Â Digital Services LLC

Language: English

ASIN: B01LOY8K4I

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #806,740 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #45

in Â Â Kindle Store > Kindle eBooks > Nonfiction > Science > Agricultural Sciences > Bacteriology

#89 in Â Â Books > Medical Books > Basic Sciences > Bacteriology #171 in Â Â Kindle Store >

Kindle eBooks > Nonfiction > Science > Biological Sciences > Biotechnology

Customer Reviews

As a medical professional, I'm very interested in new treatments for infection. This was a fun and fascinating read| an invention that could save lives

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

Selective Photonic Disinfection: A Ray of Hope in the War Against Pathogens Selective Photonic Disinfection: A Ray of Hope in the War Against Pathogens (lop Concise Physics) Manhattan Family Guide to Private Schools and Selective Public Schools, 6th Edition (Manhattan Family Guide to Private Schools & Selective Public Schools) Manhattan Family Guide to Private Schools and Selective Public Schools, 5th Ed. (Manhattan Family Guide to Private Schools & Selective Public Schools) The Highly Selective Dictionary of Golden Adjectives: For the Extraordinarily Literate (Highly Selective Reference) Disinfection of Root Canal Systems: The Treatment of Apical Periodontitis Endodontic Irrigation: Chemical disinfection of the root canal system Brother Ray: Ray Charles' Own Story The Best of Bob & Ray: Excerpts from the Bob & Ray Public Radio Show (Volume One: 4 Cassettes, 4 Hours (64 Selections)) Ray of New (Ray #6) World War 2 History's 10 Most Incredible Women: World War II True Accounts Of Remarkable Women Heroes (WWII history, WW2, War books, world war 2 books, war history, World war 2 women) Molecular Detection of Human Parasitic Pathogens Blood and Airborne Pathogens Tropical Infectious Diseases: Principles, Pathogens and Practice E-Book Nsc - Bloodborne and Airborne Pathogens Workbooko Tropical Infectious Diseases: Principles, Pathogens and Practice (Expert Consult - Online and Print), 3e Tropical Infectious Diseases: Principles, Pathogens & Practice(2 Volume Set) Bloodborne And Airborne Pathogens Structural Dynamics of Electronic and Photonic Systems Physics of Photonic Devices

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)