



Photon-based Nanoscience and Nanobiotechnology (Nato Science Series II:)

By -

Springer, 2006. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface and Acknowledgements; J.J. Dubowski and S. Tanev.- Physical and Chemical Aspects of Laser-Materials Interactions; J.T. Dickinson.- Attosecond Control of Electrons ' The Basis of Attosecond Science; A.D. Bandrauk et al.- Fundamentals of Nanobionics; P.N. Prasad.- Nonlinear Optical Physics and Applications of the Plasmonic Response in Metal Nanoparticles; R.F. Haglund, Jr.- Finite-Difference Time-Domain Modeling of Light Scattering from Biological Cells Containing Gold Nanoparticles ; S. Tanev et al.- Photonic and Non-Photonic Based Nanoparticles in Cancer Imaging and Therapeutics; B.C. Wilson.- Quantum Dot Bio-Template for Rapid Detection of Pathogenic Substances; J.J.Dubowski.- Applications of Free-Electron Lasers in Biological Sciences, Medicine and Materials Science; R.F. Haglund, Jr.- Laser-Based Synthesis, Diagnostics, and Control of Single-Walled Carbon Nanotubes and Nanohorns for Composites and Biological Nanovectors; D.B. Geohegan et al.- Photophysical Processes that Activate Selective Changes in Photostructurable Glass Ceramic Material Properties; F.E. Livingston and H. Helvajian.- Molecular Design of Polymers for Laser Structuring and Thin Oxide Films by Pulsed Laser Deposition as Model System for Electrochemical Applications; T. Lippert.- Three Dimensional Micro and Nanochips Fabricated by Femtosecond Laser for Biomedical Applications; K. Sugioka et al.- Photo-Assisted Processes from Nano...

Reviews

This is the very best publication we have read through right up until now. It is one of the most incredible book we have read through. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Miss Celia Volkman**

Totally among the best publication I actually have actually go through. It can be filled with wisdom and knowledge Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Glen Ernser**