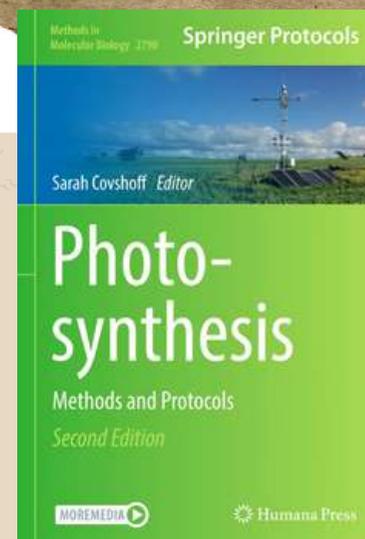


BUKU BAHARU/ NEW BOOKS

FEBRUARI 2026

PERPUSTAKAAN LINGKUNGAN KEDUA



Title : **Photosynthesis : method and protocols /second edition**
Editor : **Sarah Covshoff**
ISBN : **9781071637920**
Publisher : **Springer**
Year : **2024**
Call Number : **QK47.P486 2024 3**

Abstract

This fully updated edition explores fundamental protocols for the study of photosynthesis in a manner accessible to a broad spectrum of researchers. Featuring protocols to examine light response curves and gas exchange measurements for a variety of samples, the book includes new protocols on photosynthesis in the adaxial and abaxial sides of a leaf, non-foliar organs, and aquatic systems. Protocols and best practice for eddy covariance, thermal, spectral, and hyperspectral imaging and data analysis, as well as stable isotope labeling and quantification of photosynthetic metabolites, are introduced alongside fresh insights on many more topics. Written for the highly successful Methods in Molecular Biology series, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step and readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Authoritative and up-to-date, Photosynthesis: Methods and Protocols, Second Edition provides an ideal guide to the improved technologies expanding our capabilities to study photosynthesis today.

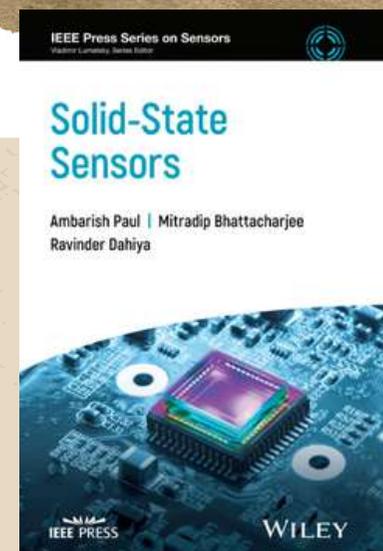


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More Info :

<https://tinyurl.com/mw2bps3e>

Title : Solid-state sensors
Author : Ambarish Paul, Mitradip Bhattacharjee, Ravinder Dahiya
ISBN : 9781119473046
Publisher : John Wiley & Sons, Inc
Year : 2023
Call Number : TK7871.85.P338 3



Abstract

Solid-State Sensors

A thorough and up-to-date introduction to solid-state sensors, materials, fabrication processes, and applications

Solid-State Sensors provides a comprehensive introduction to the field, covering fundamental principles, underlying theories, sensor materials, fabrication technologies, current and possible future applications, and more. Presented in a clear and accessible format, this reader-friendly textbook describes the fundamentals and classification of all major types of solid-state sensors, including piezoresistive, capacitive, thermometric, optical bio-chemical, magnetic, and acoustic-based sensors.

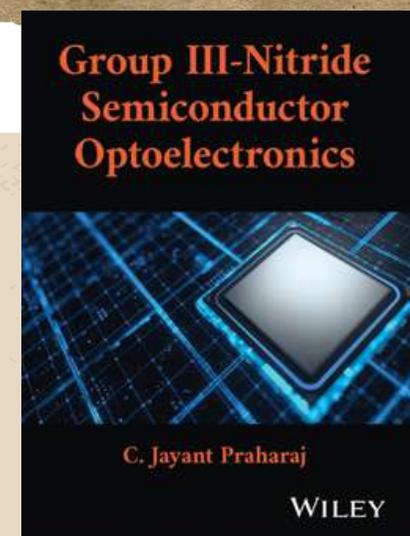


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More Info :

<https://tinyurl.com/yac3be7p>

Title : Group III-nitride semiconductor optoelectronics
Author : C. Jayant Praharaj
ISBN : 9781119708636
Publisher : John Wiley & Sons, Inc
Year : 2024
Call Number : QC611.8.W53.P733 3



Abstract

Group III-Nitride Semiconductor Optoelectronics

Discover a comprehensive exploration of the foundations and frontiers of the optoelectronics technology of group-III nitrides and their ternary alloys.

In Group III-Nitride Semiconductor Optoelectronics, expert engineer Dr. C. Jayant Praharaj delivers an insightful overview of the optoelectronic applications of group III-nitride semiconductors. The book covers all relevant aspects of optical emission and detection, including the challenges of optoelectronic integration and a detailed comparison with other material systems.

The author discusses band structure and optical properties of III-nitride semiconductors, as well as the properties of their low-dimensional structures. He also describes different optoelectronic systems such as LEDs, lasers, photodetectors, and optoelectronic integrated circuits.



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