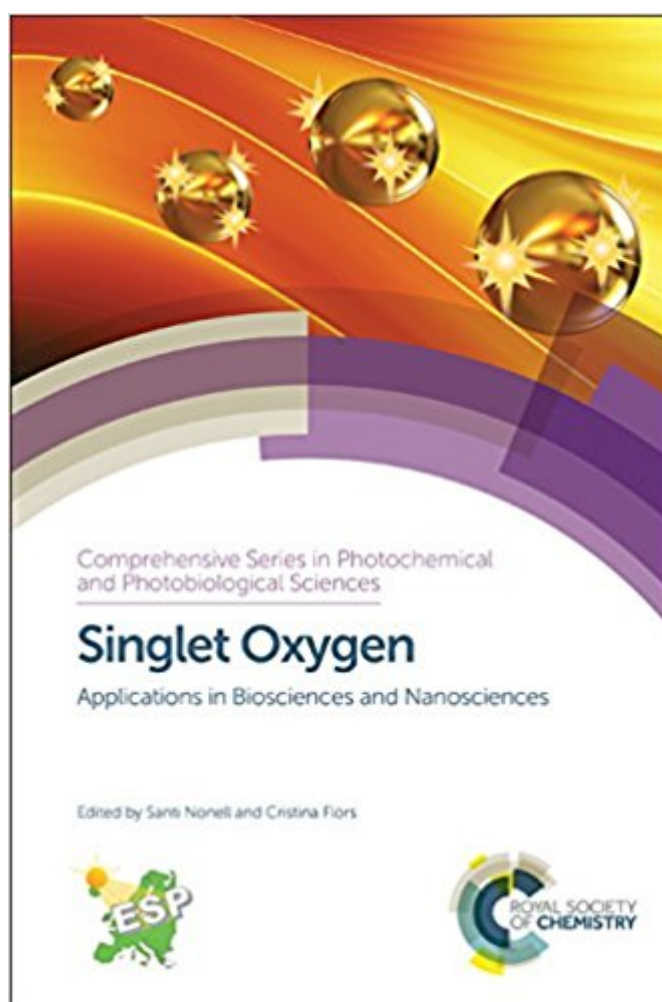


The book was found

Singlet Oxygen: Applications In Biosciences And Nanosciences (Comprehensive Series In Photochemical & Photobiological Sciences)





Synopsis

This two-volume set very comprehensively covers the physical, chemical and biological properties of singlet oxygen, and also the increasingly important applications of this reactive oxygen species across chemical, environmental and biomedical areas. Meeting the desire for a comprehensive book that collects and curates the vast amount of knowledge gained in this field over recent years, the editors have invited contributions from experts from across the globe. The long and distinguished background of the editors and contributors in the field is evidenced within these pages that tackle such a broad topic. Chapters in the first volume cover properties, production, reactions of this species with biomolecules, and photosensitizers. The second volume explores detection methods, tools for understanding mechanisms and biology, and photodynamic therapy applications among other topics. The set provides an up to date reference resource for both the beginner and experienced researcher and crucially for those working across disciplines such as photochemistry, photobiology and photomedicine.

Book Information

Series: Comprehensive Series in Photochemical & Photobiological Sciences

Hardcover: 798 pages

Publisher: Royal Society of Chemistry (January 27, 2016)

Language: English

ISBN-10: 1782626964

ISBN-13: 978-1782626961

Product Dimensions: 6.3 x 2.1 x 9.4 inches

Shipping Weight: 3.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,156,563 in Books (See Top 100 in Books) #81 in [Books > Science & Math > Chemistry > Nuclear Chemistry](#) #634 in [Books > Science & Math > Biological Sciences > Biophysics](#) #848 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#)

Customer Reviews

This two-volume set very comprehensively covers the physical, chemical and biological properties of singlet oxygen, and also the increasingly important applications of this reactive oxygen species across chemical, environmental and biomedical areas. The set provides an up to date reference resource for both the beginner and experienced researcher and crucially for those working across

disciplines such as photochemistry, photobiology and photomedicine.

This two-volume set very comprehensively covers the physical, chemical and biological properties of singlet oxygen, and also the increasingly important applications of this reactive oxygen species across chemical, environmental and biomedical areas. Meeting the desire for a comprehensive book that collects and curates the vast amount of knowledge gained in this field over recent years, the editors have invited contributions from experts from across the globe. The long and distinguished background of the editors and contributors in the field is evidenced within these pages that tackle such a broad topic. Chapters in the first volume cover properties, production, reactions of this species with biomolecules, and photosensitizers. The second volume explores detection methods, tools for understanding mechanisms and biology, and photodynamic therapy applications among other topics. The set provides an up to date reference resource for both the beginner and experienced researcher and crucially for those working across disciplines such as photochemistry, photobiology and photomedicine.

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

Singlet Oxygen: Applications in Biosciences and Nanosciences (Comprehensive Series in Photochemical & Photobiological Sciences) The Oxygen Revolution: Hyperbaric Oxygen Therapy: The New Treatment for Post Traumatic Stress Disorder (PTSD), Traumatic Brain Injury, Stroke, Autism and More The Oxygen Revolution, Third Edition: Hyperbaric Oxygen Therapy: The Definitive Treatment of Traumatic Brain Injury (TBI) & Other Disorders The Oxygen Cure: A Complete Guide to Hyperbaric Oxygen Therapy Comprehensive Heterocyclic Chemistry : Comprehensive Heterocyclic Chemistry, Five-Membered Rings with Oxygen, Sulfur or Two or More Nitrogen Atoms Physical Chemistry for the Biosciences Nitrogen, Oxygen and Sulfur Ylide Chemistry (The Practical Approach in Chemistry Series) The Oxygen Advantage: Simple, Scientifically Proven Breathing Techniques to Help You Become Healthier, Slimmer, Faster, and Fitter Chemistry and Biochemistry of Oxygen Therapeutics: From Transfusion to Artificial Blood The Oxygen Advantage: The Simple, Scientifically Proven Breathing Techniques for a Healthier, Slimmer, Faster, and Fitter You Handbook of Nitrous Oxide and Oxygen Sedation, 4e Handbook of Nitrous Oxide and Oxygen Sedation, 2e Handbook of Nitrous Oxide and Oxygen Sedation - E-Book Handbook of Nitrous Oxide and Oxygen Sedation, 1e Handbook of Nitrous Oxide and Oxygen Sedation, 3e Drugs and the Delivery of Oxygen to Tissues Bisk CPA Review: Regulation, 43rd Edition, 2014 (Comprehensive CPA Exam Review Regulation) (Bisk Comprehensive CPA Review) (Cpa Comprehensive Exam Review. Regulation) The New Oxygen Prescription: The Miracle of Oxidative Therapies The

practical use of oxygen-nitrous oxide conscious sedation in dental practice Dead Zones: Why Earth's Waters Are Losing Oxygen

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)