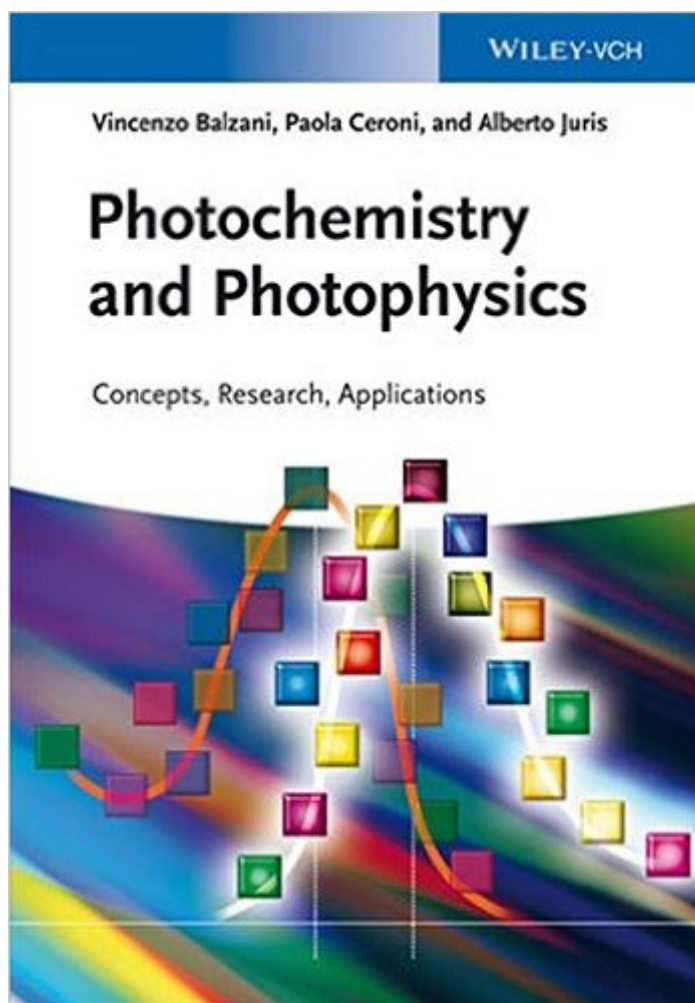


The book was found

# Photochemistry And Photophysics: Concepts, Research, Applications



## Synopsis

This textbook covers the spectrum from basic concepts of photochemistry and photophysics to selected examples of current applications and research. Clearly structured, the first part of the text discusses the formation, properties and reactivity of excited states of inorganic and organic molecules and supramolecular species, as well as experimental techniques. The second part focuses on the photochemical and photophysical processes in nature and artificial systems, using a wealth of examples taken from applications in nature, industry and current research fields, ranging from natural photosynthesis, to photomedicine, polymerizations, photoprotection of materials, holography, luminescence sensors, energy conversion, and storage and sustainability issues. Written by an excellent author team combining scientific experience with didactical writing skills, this is the definitive answer to the needs of students, lecturers and researchers alike going into this interdisciplinary and fast growing field.

## Book Information

Paperback: 504 pages

Publisher: Wiley-VCH; 1 edition (June 9, 2014)

Language: English

ISBN-10: 3527334793

ISBN-13: 978-3527334797

Product Dimensions: 6.7 x 1 x 9.6 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #412,545 in Books (See Top 100 in Books) #4 in Books > Science & Math > Chemistry > Photochemistry #9 in Books > Science & Math > Chemistry > Nuclear Chemistry #77 in Books > Science & Math > Chemistry > Industrial & Technical

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

Photochemistry and Photophysics: Concepts, Research, Applications Photochemistry and Photophysics of Metal Complexes (Modern Inorganic Chemistry) Polymer Photophysics and Photochemistry Photochemistry and Photophysics, Volume II Photochemistry and Photophysics of Coordination Compounds I (Topics in Current Chemistry) (No. 1) Intermediate Algebra: Concepts & Applications (Bittinger Concepts & Applications) Computational Methods in Photochemistry (Molecular and Supramolecular Photochemistry) Organic Molecular Photochemistry (Molecular and Supramolecular Photochemistry) Organic Photochemistry (Molecular and Supramolecular

Photochemistry) Bioorganic Photochemistry, Photochemistry and the Nucleic Acids (Volume 1)  
Chiral Photochemistry (Molecular and Supramolecular Photochemistry) Photochemistry of Organic  
Compounds: From Concepts to Practice Crain, Theories of Development Concepts and Applications  
(Subscription): Concepts and Applications Principles and Applications of Photochemistry Organic  
Photochemistry: Principles and Applications Photoluminescence of Solutions: With Applications to  
Photochemistry and Analytical Chemistry Dopamine Receptor Sub-Types: From Basic Sciences to  
Clinical Applications (Biomedical and Health Research, Vol. 19) (Biomedical and Health Research,  
V. 19) Molybdenum and Its Compounds: Applications, Electrochemical Properties and Geological  
Implications (Chemistry Research and Applications) Concepts and Case Analysis in the Law of  
Contracts (Concepts and Insights) Chirelstein's Concepts and Case Analysis in the Law of  
Contracts, 7th (Concepts and Insights Series)

[Dmca](#)