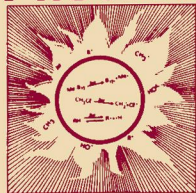


New Publications

from The Royal Society of Chemistry

Specialist Periodical Reports

Photochemistry Vol. 12



Senior Reporter: D. Bryce-Smith
University of Reading

This volume reviews the literature published between July 1979 and June 1980.

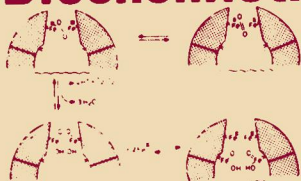
Brief Contents:

Part I: Physical Aspects of Photochemistry: Photophysical Processes in Condensed Phases; Gas-phase Photoprocesses; Part II: Photochemistry of Inorganic and Organometallic Compounds: The Photochemistry of Transition-metal Complexes; The Photochemistry of Transition-metal Organometallic Compounds, Carbonyls, and Low-oxidation-state Compounds; Photochemistry of Compounds of the Main Group Elements; Part III: Organic Aspects of Photochemistry: Photolysis of Carbonyl Compounds; Enone Cycloadditions and Rearrangements; Photoreactions of Dienones and Quinones; Photochemistry of Olefins, Acetylenes, and Related Compounds; Photochemistry of Aromatic Compounds; Photo-reduction and -oxidation; Photoreactions of Compounds containing Heteroatoms other than Oxygen; Photoelimination; Part IV: Polymer Photochemistry; Part V: Photochemical Aspects of Solar Energy Conversion.

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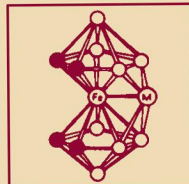
Brief Contents

Inorganic Analogues of Biological Molecules; Storage, Transport, and Function of the Cations of Groups IA to IIA; Transport and Storage of Transition Metals; Oxygen—Transport Proteins; Oxidases and Reductases; Zinc Metalloenzymes; Manganese Metalloproteins and Manganese-activated Enzymes; Trace Elements in Animal Nutrition; Inorganic Elements in Biology and Medicine.

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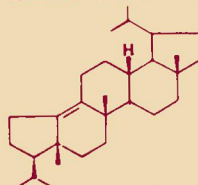
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