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Titolo	Handbook of synthetic photochemistry // edited by Angelo Albini and Maurizio Fagnoni
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Descrizione fisica	1 online resource (485 p.)
Altri autori (Persone)	AlbiniAngelo FagnoniMaurizio
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Handbook of Synthetic Photochemistry; Foreword; Contents; Preface; List of Contributors; 1 Photochemical Methods; 2 Carbon-Carbon Bond Formation by the Photoelimination of Small Molecules in Solution and in Crystals; 3 Intermolecular Addition Reactions onto C-C Multiple Bonds; 4 Formation of a Three-Membered Ring; 5 Formation of a Four-Membered Ring; 6 Formation of a Four-Membered Ring: From a Carbonyl-Conjugated Alkene; 7 Formation of a Four-Membered Ring: Oxetanes; 8 Formation of a Five-Membered Ring; 9 Formation of Six-Membered (and Larger) Rings 10 Aromatic and Heteroaromatic Substitution by SRN1 and SN1 Reactions 11 Singlet Oxygen as a Reagent in Organic Synthesis; 12 Synthesis of Heteroaromatics via Rearrangement Reactions; 13 Photolabile Protecting Groups in Organic Synthesis; Index
Sommario/riassunto	Unique in its focus on preparative impact rather than mechanistic details, this handbook provides an overview of photochemical reactions classed according to the structural feature that is built in the photochemical step, so as to facilitate use by synthetic chemists unfamiliar with this topic. An introductory section covers practical

questions on how to run a photochemical reaction, while all classes of the most important photocatalytic reactions are also included. Perfect for organic synthetic chemists in academia and industry.
