

1. Record Nr.	UNINA9910153185903321
Autore	Ameta Rakshit
Titolo	Photocatalysis : principles and applications // Rakshit Ameta, Suresh C. Ameta
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2017] ©2017
ISBN	1-315-37239-8 1-315-35513-2 1-4822-5494-8
Descrizione fisica	1 online resource (340 pages)
Disciplina	541.395
Soggetti	Photocatalysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	chapter 1. Introduction -- chapter 2. Photocatalysis -- chapter 3. Binary semiconductors -- chapter 4. Ternary semiconductors -- chapter 5. Quaternary semiconductors -- chapter 6. Metallization -- chapter 7. Doping -- chapter 8. Sensitization -- chapter 9. Composites -- chapter 10. Immobilization -- chapter 11. Hydrogen generation -- chapter 12. Solar cells -- chapter 13. Wastewater treatment -- chapter 14. Reduction of carbon dioxide -- chapter 15. Artificial photosynthesis -- chapter 16. Medical applications -- chapter 17. Other applications -- chapter 18. Photoreactors -- chapter 19. Future trends.