1. Record Nr. UNISA996383835003316

Autore	Swan John <d. 1671.>
Titolo	Redde debitum. Or, A discourse in defence of three chiefe fatherhoods [[electronic resource]] : grounded upon a text dilated to the latitude of the fift Commandement; and is therfore grounded thereupon, because 'twas first intended for the pulpit, and should have beene concluded in one or two sermons, but is extended since to a larger tract; and written chiefely in confutation of all disobedient and factious kinde of people, who are enemies both to the Church and state. By John Svvan
Pubbl/distr/stampa	London, : Printed by I[ohn] D[awson] for Iohn Williams, at the signe of the Crane, in St. Pauls Church-yard, 1640
Descrizione fisica	[12], 240 p
Soggetti	Ten commandments - Parents
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Printer's name from STC. Reproduction of the original in the University of Illinois (Urbana-Champaign Campus). Library. Preliminary pages lacking. Beginning to page 7 from the Folger Shakespeare Library copy filmed at end.
Sommario/riassunto	eebo-0167

2. Record Nr. UNINA9910896180803321

Autore	Mohd Rafie Johan
Titolo	Graphene-Based Photocatalysts : From Fundamentals to Applications / / edited by Mohd Rafie Johan, Muhammad Nihal Naseer, Maryam Ikram, Asad Ali Zaidi, Yasmin Abdul Wahab
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-66260-1
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (755 pages)
Collana	Advanced Structured Materials, , 1869-8441 ; ; 217
Altri autori (Persone)	NaseerMuhammad Nihal IkramMaryam ZaidiAsad Ali Abdul WahabYasmin
Disciplina	530.41 620.19
Soggetti	Condensed matter Materials Catalysis Force and energy Photocatalysis Two-dimensional Materials Materials for Energy and Catalysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1: Introduction -- Graphene: A wonder material of the 21st century -- Photocatalysis: Mechanism, classification and basic principles -- Historical overview and future prospects of photocatalysis -- Part 2: Synthesis and Characterization -- Graphene synthesis and characterization techniques for photocatalytic applicants -- Controlling factors for graphene synthesis -- Graphene unique properties for photocatalytic activities -- Part 3: Applications -- Photocatalytic degradation of pollutants -- Photocatalytic hydrogen generation -- Photocatalytic Water Splitting -- Photocatalytic disinfection -- Other photocatalytic applications -- Part 4: Concluding Thoughts -- Strategies for enhancement of photocatalytic activity /Factors affecting

	the photocatalytic activity -- Economic perspective (Cost benefits analysis) -- Life Cycle assessment.
Sommario/riassunto	This book provides a comprehensive overview of graphene-based photocatalysts, from the fundamentals to the applications. Graphene, the special material of the twenty-first century, has unique properties that make it an ideal candidate for use in photocatalytic activities. The book explores the basic principles of photocatalysis, including its mechanism and classification, and provides a historical overview and future prospects for the field. The synthesis and characterization of graphene for photocatalytic applications are discussed in detail, including controlling factors for graphene synthesis and its unique properties that make it an effective photocatalyst. It also covers a range of applications for graphene-based photocatalysts, including photocatalytic degradation of pollutants, hydrogen generation, water splitting, disinfection, and other potential uses. In addition, the book addresses strategies for enhancing photocatalytic activity and the factors that affect it. The economic perspective of cost-benefit analysis and life cycle assessment are also discussed. It is a valuable resource for researchers, academics, and professionals working in the field of photocatalysis and ideal for those interested in the latest developments in graphene-based photocatalysts and their potential applications, including researchers, academics, and professionals in the fields of materials science, chemistry, and chemical engineering.