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Autore	Gambino, Francesco
Titolo	Il rapporto obbligatorio / Francesco Gambino
Pubbl/distr/stampa	[Assago], : UTET giuridica, 2015
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Collana	Trattato di diritto civile / diretto da Rodolfo Sacco , Le obbligazioni
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Lingua di pubblicazione	Italiano
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Livello bibliografico	Monografia

2.

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Autore	Jawaid Mohammad
Titolo	Carbon Composite Catalysts : Preparation, Structural and Morphological Property and Applications / / edited by Mohammad Jawaid, Anish Khan
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
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Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (425 pages)
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Soggetti	Composite materials Materials Catalysis Composites Materials Engineering Catalytic Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di contenuto	Carbon composites and catalysts -- Nitrogen-doped graphene foam as carbon composites catalysts -- Nano carbon-based catalysts -- Carbon composites and catalyst for decomposition of organic pollutants -- Carbon composites and catalysts for photocatalytic decompositions -- Sulfur-based carbon aerogel composites and catalysis -- P-doped graphene composite for catalysts -- Carbon composites as metal-free catalysts -- Electrocatalysis of carbon-based composite catalysts -- Carbon composites catalysts for the fuel cell application -- Carbon composite catalysts for the electrochemical Co2 reduction -- Carbon composite catalysts for oxidative dehydrogenation reactions -- Carbon composite catalysts for oxygen reduction reactions -- Carbon composite catalysts for gas phase reactions -- Carbon composite catalysts for liquid phase reactions.
Sommario/riassunto	This book provides an overview of the fundamentals and recent advances in the field of carbon composite catalysts, including graphene, carbon nanotubes, mesoporous carbons, graphitic carbon nitrides, and related composites. Special focus is placed on their controllable preparation and applications in the gas phase, liquid

phase, electrochemical, and photocatalytic reactions, as well as defect and surface chemistry-related catalytic activities of carbon materials. Some perspectives are highlighted on the development of more efficient carbonaceous catalysts featuring high stability, low cost, optimized structures, and enhanced performance, which are the key factors to accelerate the designed preparation and commercialization of carbon composite catalysts. The book will also present the latest studies of carbon-based composite catalysts for clean energy change and storage, nature protection, and essential industrial production and storage and include the key challenges and futureopportunities in this exciting field.