

1. Record Nr.	UNINA9910466142103321
Titolo	Science teachers' learning : enhancing opportunities, creating supportive contexts // Committee on Strengthening Science Education through a Teacher Learning Continuum ; Suzanne Wilson, Heidi Schweingruber, and Natalie Nielsen, editors ; Board on Science Education, Teacher Advisory Council, Division of Behavioral and Social Sciences and Education, the National Academies of Sciences, Engineering, Medicine
Pubbl/distr/stampa	Washington, District of Columbia : , : The National Academies Press, , 2015 ©2015
ISBN	0-309-38019-7
Descrizione fisica	1 online resource (257 pages) : illustrations
Disciplina	372.4
Soggetti	Science - Study and teaching (Elementary) - Standards - United States Science - Study and teaching (Middle school) - Standards - United States Science - Study and teaching (Secondary) - Standards - United States Next Generation Science Standards (Education) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9911006982103321
Autore	Roy Ipsita
Titolo	Polyhydroxyalkanoate (PHA) based blends, composites and nanocomposites
Pubbl/distr/stampa	[Place of publication not identified], : Royal Society of Chemistry, 2015
ISBN	1-68015-803-1 1-78262-328-0
Collana	RSC green chemistry Polyhydroxyalkanoate (PHA) based blends, composites and nanocomposites
Disciplina	668.40286
Soggetti	Biodegradable plastics Poly-beta-hydroxyalkanoates Chemical Engineering Chemical & Materials Engineering Engineering & Applied Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	There is much interest in biodegradable polymers for different uses and polyhydroxyalkanoates (PHAs) have potential applications in a broad range of areas from food packaging to biomedical applications. The book will provide a comprehensive overview of the recent accomplishments in the area of polyhydroxyalkanoates providing a resource that helps find solutions to both fundamental and applied problems. The book introduces polyhydroxyalkanoates including their biosynthesis, recovery and extraction followed by specific chapters on blends, composites and nanocomposites. The book finishes with the applications of the materials including additives in paints, adhesives, production of plastics as well as tissue engineering and drug delivery. The book provides a reference for students and researchers in chemistry, polymer science, materials science, biotechnology and life sciences working in the field of bio-based and biodegradable polymers and composites as well as those interested in its applications.

