

1. Record Nr.	UNINA9910298643003321
Titolo	Handbook of polymernanocomposites : processing, performance and application. Volume A, Layered silicates / / Jitendra K. Pandey [and three others], editors
Pubbl/distr/stampa	Heidelberg [Germany] : , : Springer, , 2014
ISBN	3-642-38649-0
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (xii, 538 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	530 54 541.2254 620.1
Soggetti	Polymeric composites Nanostructured materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"With 209 figures and 32 tables".
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""Contents""; ""Contributors""; ""1 Polyhydroxyalkanoates-Based Nanocomposites: An Efficient and Promising Way of Finely Controlling Functional Material Propertie""; ""1 Introduction""; ""2 Preparative Techniques of PHA-Based Nanocomposites""; ""3 PHA-Based Nanocomposite Properties""; ""3.1 Mechanical Properties""; ""3.2 Thermal Stability""; ""3.3 Gas Barrier Properties""; ""3.4 Biodegradability""; ""4 Conclusion""; ""Acknowledgments""; ""References""; ""2 New Developments in Polycaprolactone-Layered Silicate Nano-biocomposites: Fabrication and Properties""; ""1 Polycaprolactone""</p> <p>""2 Polymer/Silicate Layered Nanocomposites""""2.1 Preparation Methods""; ""2.1.1 Intercalation of Polymer and Prepolymer from Solution""; ""2.1.2 In Situ Polymerization""; ""2.1.3 Melt Intercalation""; ""3 PCL/Silicate Layers Nanocomposites""; ""3.1 Preparation Methods""; ""3.1.1 Solution Route""; ""Supercritical CO2 Intercalation PCL""; ""3.1.2 Melt Intercalation Route""; ""Masterbatch Process""; ""3.1.3 In Situ Polymerization Route""; ""3.2 Characterization and Properties""; ""3.2.1 Crystallinity Behavior""; ""3.2.2 Permeability Behavior""; ""3.2.3</p>

Viscoelastic Behavior"

"3.2.4 Morphological Studies""3.2.5 Mechanical Properties"; "3.2.6 Thermal Behavior"; "3.2.7 Biodegradability"; "3.2.8 NMR Analyses"; "4 Nanocomposites Based on PCL/Polymer/Clay"; "5 PCL Nanocomposites Based on Other Nanofillers"; "References"; "3 Polylactic Acid (PLA) Layered Silicate Nanocomposites"; "1 Introduction"; "2 Biopolymer"; "3 Poly(Lactic Acid) (PLA)"; "4 PLA Nanocomposites"; "5 PLA/Layered Silicate Nanocomposite"; "6 Future Direction"; "References"; "4 Recent Progress in the Development of Starch-Layered Silicate Nanocomposites""1 Introduction""2 Starch Fundamentals"; "3 Nanostructure and Surface Chemistry of Modified Layered Silicates"; "4 Plasticizers and Compatibilizers for Starch-Layered Silicate Nanocomposites"; "5 Engineering Methods and Performance of Starch-Layered Silicate Nanocomposites"; "6 Conclusions"; "7 Future Prospective"; "References"; "5 Structure-Property Correlations of Poly(ethylene oxide) Nanohybrids with Layered Silicates and Silica Nanoparticles"; "1 Introduction"; "2 Structural Characteristics of PEO Nanohybrids"; "2.1 Dispersion Medium and Casting Process""2.2 Morphological Behavior""3 Performance Characteristics of PEO Nanohybrids"; "3.1 Mechanical Properties"; "3.2 Thermal Properties"; "4 Conclusions"; "Acknowledgments"; "References"; "6 Recent Developments in Cellulose and Cellulose Derivatives/Clay Nanocomposites"; "1 Introduction"; "2 Cellulose and Cellulose Derivative Structures"; "2.1 Cellulose"; "2.2 Cellulose Derivatives"; "3 Layered Silicate Nanocomposites"; "3.1 Cellulose/Layered Silicate Nanocomposites"; "3.2 Cellulose Derivative/Layered Silicate Nanocomposites"; "4 Final Remarks"; "References"" 7 Thermal and Rheological Properties of Poly(ethylene-co-vinyl acetate) (EVA) Nanoclay"

Sommario/riassunto

Volume A of Handbook of Polymer Nanocomposites deals with Layered Silicates. In some 20 chapters the preparation, architecture, characterisation, properties and application of polymer nanocomposites are discussed by experts in their respective fields.

2.	Record Nr.	UNINA9910849101003321
	Titolo	Isolation of plant growth substances / edited by J. R. Hillman
	Pubbl/distr/stampa	Cambridge, : Cambridge University Press, 1978
	ISBN	0521218667
	Descrizione fisica	157 p. ; 24 cm
	Collana	Society for experimental biology. Seminar series Society for experimental biology
	Disciplina	582.031
	Locazione	FAGBC
	Collocazione	A MIC 712
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNINA9910955423103321
	Autore	Crampton R. J.
	Titolo	The Balkans since the second World War // R.J. Crampton
	Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2013
	ISBN	1-317-89116-3 1-315-84320-X 1-317-89117-1
	Descrizione fisica	1 online resource (409 p.)
	Collana	Postwar World
	Disciplina	949.6/055 949.6
	Soggetti	Balkan Peninsula Politics and government 1945-1989 Balkan Peninsula Politics and government 1989- Balkan Peninsula History 1945-1989 Balkan Peninsula History 1989-
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia

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Nota di contenuto	Cover; Half Title; Title Page; Copyright Page; Dedication; Table of Contents; List of Tables; List of Maps; Preface; Acknowledgement; List of Abbreviations; Maps; Part I Communist Takeovers and Civil War: The Balkans 1944-1949; 1 Introduction; 2 Yugoslavia, 1944-1948; The Second World War and foundation of communist power; Communist power entrenched: October 1944 to November 1945; Communist power legitimized: the November 1945 elections and the January 1946 constitution; Unrestrained communist power in Yugoslavia, 1946-8 External affairs from the end of the war to the breach with Stalin, 1944-83 Albania, 1944-1948; The foundation and growth of the communist movement; The consolidation of communist power, November 1944 to March 1946; The beginnings of the revolution from above, March 1946 to June 1948; Albania's external alignment, 1944-8; 4 Bulgaria, 1944-1948; Bulgaria during the Second World War; Factors in Bulgarian politics, 1944-8; From the coup of 9 September 1944 to the postponement of the elections in August 1945 From the postponement of the elections in August 1945 to the Grand National Assembly elections of October 1946 From the elections of October 1946 to the fifth party congress in December 1948; 5 Romania, 1944-1948; Factors in Romanian politics, 1944-8; From the coup of August 1944 to the installation of the Groza government in March 1945; The crisis of February-March 1945; From the installation of the Groza government to the elections of November 1946; The completion of the communist takeover, November 1946 to March 1948; 6 Greece, 1944-1949 Internal conflicts in Greece during the Second World War Left and right in Greece, 1944-9; The December events, 1944; 'Anarchic Banditry': from the Varkiza agreement to the elections of March 1946; The drift to civil war: from the elections to the declaration of the provisional government, March 1946 to December 1947; The Greek civil war, December 1947 to August 1949; Part II The Balkans During the Cold War, 1949-1989; 7 Introduction; 8 Yugoslavia, 1948-1989; Finding 'Tito's way': Yugoslavia in the 1950s; Yugoslavia isolated; The beginnings of self-management The reform of party and state institutions, 1950-3 Foreign policy and 'non-alignment'; Domestic affairs in the late 1950s; The search for stability: Yugoslavia 1960-76; The empowerment of the republics, 1960-5; The economic reforms of the mid-1960s; The fall of Rankovic and the beginnings of unrest, 1966-8; The Croatian Spring, 1968-71; The purges and institutional reconstruction, 1971-6; Yugoslav foreign policy in the 1960s and 1970s; Yugoslavia in decline, 1980-9; The demise of the old guard and their sustaining myths; Economic crisis and the discrediting of self-management Ethnic nationalism and the end of 'brotherhood and unity'
Sommario/riassunto	Since the collapse of Eastern European communism, the Balkans have been more prominent in world affairs than at any time since before the First World War. Crises in the area have led NATO to fire its first ever shots in anger, whilst international forces have been deployed on a scale and in a manner unprecedented in Europe since World War Two. An understanding of why this happened is impossible without some knowledge of the history of the area before the fall of communism, of how the communists came to power and how they used their authority thereafter. Covering the communist states of Albania

