

1. Record Nr.	UNINA9910143404803321
Titolo	Flame retardant polymer nanocomposites [[electronic resource] /] / edited by Alexander B. Morgan, Charles A. Wilkie
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2007
ISBN	1-280-83915-5 9786610839155 0-470-10903-3 0-470-10902-5
Descrizione fisica	1 online resource (451 p.)
Altri autori (Persone)	MorganAlexander B WilkieC. A (Charles A.)
Disciplina	628.9223
Soggetti	Fire resistant polymers Nanostructured materials Polymeric composites Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	FLAME RETARDANT POLYMER NANOCOMPOSITES; CONTENTS; Contributors; Preface; Acronyms; 1 Introduction to Flame Retardancy and Polymer Flammability; 1.1 Introduction; 1.2 Polymer Combustion and Testing; 1.2.1 Laboratory Flammability Tests; 1.2.2 Polymer Combustion; 1.3 Flame Retardancy; 1.3.1 General Flame Retardant Mechanisms; 1.3.2 Specific Flame Retardant Mechanisms; 1.3.3 Criteria for Selection of Flame Retardants; 1.3.4 Highly Dispersed Flame Retardants; 1.4 Conclusions and Future Outlook; References; 2 Fundamentals of Polymer Nanocomposite Technology; 2.1 Introduction 2.2 Fundamentals of Polymer Nanocomposites2.2.1 Thermodynamics of Nanoscale Filler Dispersion; 2.2.2 Synthetic Routes for Nanocomposite Formation; 2.2.3 Dispersion Characterization: Common Techniques and Limitations; 2.3 Effects of Nanofillers on Material Properties; 2.3.1 Effects on Polymer Crystallization; 2.3.2 Effects on Mechanical Properties; 2.3.3 Effects on Barrier Properties; 2.4 Future Outlook; References; 3 Flame Retardant Mechanism of Polymer-Clay

Nanocomposites; 3.1 Introduction; 3.1.1 Initial Discoveries; 3.2 Flame Retardant Mechanism; 3.2.1 Polystyrene Nanocomposites 3.2.2 Polypropylene-Clay Nanocomposites 3.2.3 Thermal Analysis of Polymer-Clay Nanocomposites; 3.3 Conclusions and Future Outlook; References; 4 Molecular Mechanics Calculations of the Thermodynamic Stabilities of Polymer-Carbon Nanotube Composites; 4.1 Introduction; 4.2 Background and Context; 4.3 Description of the Method; 4.4 Application to PS-CNT Composites; 4.5 Uncertainties and Limitations; 4.6 Summary and Conclusions; References; 5 Considerations Regarding Specific Impacts of the Principal Fire Retardancy Mechanisms in Nanocomposites; 5.1 Introduction 5.2 Influence of Nanostructured Morphology 5.2.1 Intercalation, Delamination, Distribution, and Exfoliation; 5.2.2 Orientation; 5.2.3 Morphology During Combustion or Barrier Formation; 5.3 Fire Retardancy Effects and Their Impact on the Fire Behavior of Nanocomposites; 5.3.1 Inert Filler and Char Formation; 5.3.2 Decomposition and Permeability; 5.3.3 Viscosity and Mechanical Reinforcement; 5.3.4 Barrier for Heat and Mass Transport; 5.4 Assessment of Fire Retardancy; 5.4.1 Differentiated Analysis with Regard to Different Fire Properties 5.4.2 Different Fire Scenarios Highlight Different Effects of Nanocomposites 5.5 Summary and Conclusions; References; 6 Intumescence and Nanocomposites: a Novel Route for Flame-Retarding Polymeric Materials; 6.1 Introduction; 6.2 Basics of Intumescence; 6.3 Zeolites as Synergistic Agents in Intumescent Systems; 6.4 Intumescent in Polymer Nanocomposites; 6.5 Nanofillers as Synergists in Intumescent Systems; 6.6 Critical Overview of Recent Advances; 6.7 Summary and Conclusion; References 7 Flame Retardant Properties of Organoclays and Carbon Nanotubes and Their Combinations with Alumina Trihydrate

Sommario/riassunto

Flame Retardant Polymer Nanocomposites takes a comprehensive look at polymer nanocomposites for flame retardancy applications and includes nanocomposite fundamentals (theory, design, synthesis, characterization) as well as polymer flammability fundamentals with emphasis on how nanocomposites affect flammability. The book has practical examples from literature, patents, and existing commercial products. Readers can design new work based upon the material in the book or use it as a handy reference for interpreting existing work and results.

2. Record Nr.	UNISALENTO991000103109707536
Titolo	Economia e gestione delle istituzioni finanziarie / a cura di Paolo Mottura, Sergio Paci
Pubbl/distr/stampa	Milano : EGEA, 2008
ISBN	9788875340490
Descrizione fisica	320 p. ; 24 cm
Collana	Tools. Finanza e mercati
Altri autori (Persone)	Mottura, Paolo Paci, Sergio
Disciplina	332.1068
Soggetti	Banche - Economia Imprese di assicurazione
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910779180403321
Autore	Deyo Frederic C
Titolo	Reforming Asian labor systems [[electronic resource]] : economic tensions and worker dissent // Frederic C. Deyo
Pubbl/distr/stampa	Ithaca, : Cornell University Press, 2012
ISBN	0-8014-6441-2 1-322-50505-5 0-8014-6394-7
Descrizione fisica	1 online resource (277 p.)
Disciplina	331.1095
Soggetti	Labor - Asia Labor policy - Asia Industrial relations - Asia Working class - Political activity - Asia
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 and index.
Nota di contenuto	Front matter -- Contents -- Acknowledgments -- Introduction -- Part I. Labor Systems, Economic Development, and Market Reform -- 1. Labor Systems: Social Processes and Regulatory Orders -- 2. Explaining Regulatory Change -- 3. Reforming Labor Systems: Neoliberalism, Reregulation, and Social Compensation -- Part II. Deregulating Asian Labor Systems -- 4. Export-Oriented Industrialization and State-Enterprise Reform: Restructuring Employment -- 5. External Liberalization of Trade and Investment -- 6. The Deregulatory Face of Labor Reform -- Part III. The Tensions of Reform -- 7. Compromising Economic and Social Agendas -- 8. Political Tensions of Reform: Labor Opposition and Public Disorder -- Part IV. Addressing the Tensions of Reform -- 9. The Reregulatory Face of Labor Reform: Institutionalization, Social Compensation, and Developmental Augmentation -- 10. Disciplining Labor and Rebuilding the Labor Process -- 11. Small Enterprises, Supplier Networks, and Industrial Parks: Creating High-Skill Developmental Labor Systems -- 12. Contesting Reform: The Influence of Labor Politics -- Conclusion -- References -- Index

Sommario/riassunto

In *Reforming Asian Labor Systems*, Frederic C. Deyo examines the implications of post-1980s market-oriented economic reform for labor systems in China, South Korea, the Philippines, and Thailand. Adopting a critical institutionalist perspective, he explores the impact of elite economic interests and strategies, labor politics, institutional path dependencies, and changing economic circumstances on regimes of labor and social regulation in these four countries. Of particular importance are reform-driven socioeconomic and political tensions that, especially following the regional financial crisis of the late 1990's, have encouraged increased efforts to integrate social and developmental agendas with those of market reform. Through his analysis of the social economy of East and Southeast Asia, Deyo suggests that several Asian countries may now be positioned to repeat what they achieved in earlier decades: a prominent role in defining new international models of development and market reform that adapt to the pressures and constraints of the evolving world economy.

4. Record Nr.	UNISA996248228803316
Autore	Fowden Garth
Titolo	Qusayr Amra : art and the Umayyad elite in late antique Syria // Garth Fowden
Pubbl/distr/stampa	Berkeley, Calif. : , : University of California Press, , 2004 ©2004
ISBN	1-282-35702-6 9786612357022 0-520-92960-8 1-59734-844-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xxix, 390 pages) : illustrations, map
Collana	The transformation of the classical heritage ; ; 36
Disciplina	751.7/3/0956959
Soggetti	Mural painting and decoration, Umayyad - Jordan - Foreign influences Arabic poetry - 622-750 - History and criticism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 335-374) and index.

Nota di contenuto

Front matter -- Contents -- Maps and Illustrations -- Abbreviations -- Preface -- 1. Musil's Fairy-Tale Castle -- 2. Luxuries of the Bath -- 3. The Hunt -- 4. "O God, Bless the Amír" -- 5. The Princely Patron -- 6. Maintaining the Dynasty -- 7. The Six Kings -- 8. A Captive Sasanian Princess -- 9. Quayr mra Contextualized -- 10. Umayyad Self-Representation -- Epilogue -- Appendix. The Value of Arabic Literary Sources -- Bibliography -- Index

Sommario/riassunto

From the stony desolation of Jordan's desert, it is but a step through a doorway into the bath house of the Qusayr 'Amra hunting lodge. Inside, multicolored frescoes depict scenes from courtly life and the hunt, along with musicians, dancing girls, and naked bathing women. The traveler is transported to the luxurious and erotic world of a mid-eighth-century Muslim Arab prince. For scholars, though, Qusayr 'Amra, probably painted in the 730s or ' 740s, h'as proved a mirage, its concreteness dissolved by doubts about date, patron, and meaning. This is the first book-length contextualization of the mysterious monument through a compelling analysis of its iconography and of the literary sources for the Umayyad period. It illuminates not only the way of life of the early Muslim elite but also the long afterglow of late antique Syria.
