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Nota di contenuto	Cover; Title Page; Copyright; Contents; List of Contributors; Preface; Foreword; Symbols and Abbreviations; Part I Synthesis, Characterization, and Evaluation of Nanocatalysts in Ionic Liquids; Chapter 1 Fe, Ru, and Os Nanoparticles; 1.1 Introduction; 1.2 Synthesis of Fe, Ru, and Os NPs in ILs; 1.3 Ionic Liquid Stabilization of Metal Nanoparticles; 1.4 Applications of Ru, Fe, and Os Nanoparticles to Catalysis; 1.5 Conclusion; Acknowledgments; References; Chapter 2 Co, Rh, and Ir Nanoparticles; 2.1 Introduction; 2.2 Chemical Routes for the Synthesis of Metal NPs in ILs 2.3 Catalytic Application of Metal NPs in ILs 2.4 Conclusions; References; Chapter 3 Ni and Pt Nanoparticles; 3.1 Introduction; 3.2 Synthesis and Characterization of Pt NPs in ILs; 3.3 Catalytic Applications of Pt NPs in ILs; 3.4 Synthesis and Characterization of Ni NPs in ILs; 3.5 Catalytic Applications of Ni NPs in ILs; 3.6 Summary and Conclusions; Symbols and Abbreviations; Characterization Methods; Ionic Liquids; References; Chapter 4 Pd Nanoparticles for Coupling Reactions and Domino/Tandem Reactions; 4.1 Introduction; 4.2

Formation of Pd NPs in ILs; 4.3 The Heck Coupling
4.4 The Suzuki Reaction4.5 The Stille Coupling; 4.6 The Sonogashira Coupling; 4.7 Summary and Conclusions; Acknowledgments; References; Chapter 5 Soluble Pd Nanoparticles for Catalytic Hydrogenation; 5.1 Introduction; 5.2 Synthesis of Pd Nanoparticles in ILs; 5.3 Pd Nanoparticles for Hydrogenation; 5.4 Summary and Conclusions; Ionic Liquid Abbreviations; References; Chapter 6 Au, Ag, and Cu Nanostructures; 6.1 Introduction; 6.2 Au NPs in the Presence of ILs; 6.3 Catalytic Applications of AuNP/IL Composites; 6.4 Ag NPs in the Presence of ILs; 6.5 Cu NPs in the Presence of ILs
6.6 Summary and ConclusionsAcronyms; References; Chapter 7 Bimetallic Nanoparticles in Ionic Liquids: Synthesis and Catalytic Applications; 7.1 Introduction; 7.2 Synthesis of Bimetallic Nanoparticles in Ionic Liquids; 7.3 Applications in Catalysis; 7.4 Summary and Outlook; Acknowledgments; References; Chapter 8 Synthesis and Application of Metal Nanoparticle Catalysts in Ionic Liquid Media using Metal Carbonyl Complexes as Precursors; 8.1 Introduction; 8.2 Metal Carbonyls - Synthesis, Structure, and Bonding; 8.3 Metal Carbonyls for the Synthesis of Metal Nanoparticles (M-NPs)
8.4 Catalytic Applications of Metal Nanoparticles from Metal Carbonyls in ILs8.5 Conclusions; Acknowledgment; References; Chapter 9 Top-Down Synthesis Methods for Nanoscale Catalysts; 9.1 Introduction; 9.2 Sputter Deposition of Metals in RTILs; 9.3 Thermal Vapor Deposition on RTILs for Preparation of Metal Nanoparticles; 9.4 Laser-Induced Downsizing and Ablation of Materials; 9.5 Preparation of Single Crystals by Vapor Deposition onto RTILs; 9.6 Conclusion; References; Chapter 10 Electrochemical Preparation of Metal Nanoparticles in Ionic Liquids; 10.1 Introduction
10.2 Basics of Electrodeposition

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Descrizione fisica	1 online resource (lii, 726 pages)
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Soggetti	Computers - Law and legislation - Great Britain Intellectual property - Great Britain Copyright licenses - Great Britain Computer programs - Patents
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Compliant with Level AA of the Web Content Accessibility Guidelines. Content is displayed as HTML full text which can easily be resized or read with assistive technology, with mark-up that allows screen readers and keyboard-only users to navigate easily.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 Introduction to information technology and intellectual property law -- Chapter 2 Essentials of copyright law -- Chapter 3 Copyright and computer programs -- Chapter 4 Non-textual copying of computer programs and emulating the functions of a computer program -- Chapter 5 Copyright in databases -- Chapter 6 The <i>sui generis</i> database right -- Chapter 7 Copyright in the information society -- Chapter 8 Design law, computer graphics and typefaces -- Chapter 9 Semiconductor topography right -- Chapter 10 Confidential information, trade secrets and information technology -- Chapter 11 Essentials of patent law -- Chapter 12 Patents and computer-implemented inventions -- Chapter 13 Essentials of trade mark law and the law of passing off -- Chapter 14 Trade marks, goodwill and the

Sommario/riassunto

"Information Technology and Intellectual Property Law is a complete exploration of the relationship between information technology and intellectual property laws a very wide-ranging and complex, ever changing area of law. It provides up-to-date coverage and analysis of the intellectual property laws applicable to all forms of computer software. placing the law in the context of computer use examining copyright, database rights, patents, trade marks, design rights and the law of confidence. There have been numerous cases before the Court of Justice for the European Union (CJEU) recently, in particular involving the use of trade marks on the Internet, and these are analysed in detail with the implications of the judgments explained in a practical and accessible way. Information Technology and Intellectual Property Law includes developments surrounding ISPs (Internet Service Providers), for example injunctions against ISPs both in the UK and before the Court of Justice of the European Union, and coverage of the Digital Economy Act provisions. It can either be read from cover to cover as a thorough introduction to the subjects addressed or be used as a very useful starting point for a specialist practitioner faced with a particular problem on a particular case. With this in mind Information Technology and Intellectual Property Law is an essential addition to any an IT and IP practitioner's bookshelf as well as a useful textbook for non-specialists as well as advanced undergraduate and taught postgraduate IT and IP courses."--Bloomsbury Publishing.