

1. Record Nr.	UNINA9910462665403321
Titolo	Advances in powder metallurgy : properties, processing and applications // edited by Isaac Chang and Yuyuan Zhao
Pubbl/distr/stampa	Cambridge ; ; Philadelphia : , : Woodhead Publishing, , 2013
ISBN	1-62870-368-7 0-85709-890-X
Descrizione fisica	1 online resource (624 p.)
Collana	Woodhead publishing series in metals and surface engineering ; ; number 60
Altri autori (Persone)	ChangIsaac ZhaoYuyuan
Disciplina	671.37
Soggetti	Metallurgy Powder metallurgy 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	Cover; Advances in powder metallurgy : Properties, processing and applications; Copyright; Contents; Contributor contact details; Woodhead Publishing Series in Metals and Surface Engineering; Part I Forming and shaping of metal powders; 1Advances in atomisation techniques for the formation of metal powders; 1.1 Introduction; 1.2 Atomisation techniques; 1.3 Problems and advances in gas atomisation; 1.4 Problems and advances in water atomisation; 1.5 Centrifugal atomisation; 1.6 Other atomisation techniques; 1.7 Conclusion; 1.8 References; 2Forming metal powders by electrolysis 2.1 Background of electrometallurgy and powder metallurgy2.2 Principle and main technological prospects for the FFC Cambridge process; 2.3 Production of metal powders by the FFC Cambridge process; 2.4 Direct route from oxide precursors to alloyed powders; 2.5 Conclusions and future trends; 2.6 Acknowledgement; 2.7 References; 3Mechanochemical synthesis of nanocrystalline metal powders; 3.1 Introduction; 3.2 Mechanochemical processing; 3.3 The process; 3.4 Grain size and process variables; 3.5 Displacement reactions; 3.6 Consolidation; 3.7 Powder contamination; 3.8 Conclusions; 3.9 References

4 Plasma synthesis of metal nanopowders  
4.1 Introduction; 4.2 Potential benefits and applications of metal nanopowders; 4.3 Electrical arc discharge synthesis of metal nanopowders; 4.4 Conclusions; 4.5 References;  
5 Warm compaction of metallic powders; 5.1 Introduction; 5.2 Warm compaction process; 5.3 Properties of warm compacted parts; 5.4 Materials and applications; 5.5 Future trends and concluding remarks; 5.6 References;  
6 Developments in metal injection moulding (MIM); 6.1 Introduction to metal injection moulding; 6.2 Powders for metal injection moulding  
6.3 Binders for metal injection moulding  
6.4 Mixing and feedstock analysis; 6.5 Injection moulding; 6.6 Binder removal (debinding); 6.7 Sintering; 6.8 Post-sintering; 6.9 Applications and design; 6.10 Conclusion; 6.11 References;  
Part II Materials and properties;  
7 Advanced powder metallurgy steel alloys; 7.1 Introduction; 7.2 Composition of advanced pressed and sintered steel components; 7.3 Manufacturing routes for sintered steel components; 7.4 Properties, microstructures and typical products; 7.5 Powder injection moulded steel components; 7.6 Powder metallurgy tool steels  
7.7 Trends in ferrous powder metallurgy  
7.8 Acknowledgements; 7.9 Further reading; 7.10 References;  
8 Powder metallurgy of titanium alloys; 8.1 Introduction; 8.2 Powders; 8.3 Near net shapes; 8.4 Additive layer manufacturing and powder injection molding; 8.5 Spraying and research-based processes; 8.6 Future trends; 8.7 Acknowledgements; 8.8 References;  
9 Metal-based composite powders; 9.1 Introduction; 9.2 Metal-based composite powder production; 9.3 Copper- and aluminium-based composite powder systems; 9.4 Other metal-based composite powders; 9.5 Applications; 9.6 Future trends; 9.7 References  
10 Porous metals: foams and sponges

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## Sommario/riassunto

Powder metallurgy (PM) is a popular metal forming technology used to produce dense and precision components. Different powder and component forming routes can be used to create an end product with specific properties for a particular application or industry. Advances in powder metallurgy explores a range of materials and techniques used for powder metallurgy and the use of this technology across a variety of application areas. Part one discusses the forming and shaping of metal powders and includes chapters on atomisation techniques, electrolysis and plasma synthesis of metallic nanopow

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2. Record Nr.	UNINA9910793811303321
Titolo	Science communication on the Internet : old genres meet new genres / / edited by Maria-Jose Luzon, Carmen Perez-Llantada
Pubbl/distr/stampa	Amsterdam ; ; Philadelphia : , : John Benjamins Publishing Company, , [2019] ©2019
ISBN	90-272-6179-2
Descrizione fisica	1 online resource (250 pages)
Collana	Pragmatics & beyond ; ; 308
Disciplina	004.6780245
Soggetti	Science - Computer network resources
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	"This book examines the expanding world of genres on the Internet to understand issues of science communication today. The book explores how some traditional print genres have become digital, how some genres have evolved into new digital hybrids, and how and why new genres have emerged and are emerging in response to new rhetorical exigences and communicative demands. Because social actions are in constant change and, ensuing from this, genres evolve faster than ever, it is important to gain insight into the interrelations between old genres and new genres and the processes underpinning the construction of new genre sets, chains and assemblages for communicating scientific research to both expert and diversified audiences. In examining scientific genres on the Internet this book seeks to illustrate the increasing diversification of genre ecologies and their underlying social, disciplinary and individual agendas"--

3. Record Nr.	UNINA9910298213903321
Autore	Delbufalo Emanuela
Titolo	Agency Theory and Sustainability in the Global Supply Chain // by Emanuela Delbufalo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-72793-1
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (63 pages)
Collana	SpringerBriefs in Business, , 2191-5482
Disciplina	658.7
Soggetti	Industrial management—Environmental aspects Business logistics Social responsibility of business Industrial organization Sustainable development Sustainability Management Supply Chain Management Corporate Social Responsibility Industrial Organization Sustainable Development Corporate Environmental Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Agency theory and supply chain management: a literature review -- 2 Extending sustainability to suppliers: the role of Codes of conduct -- 3 Agency theory and sustainability in global supply chain.
Sommario/riassunto	This book analyzes how and under what conditions collaborating corporations can effectively manage relationships with their suppliers in order to decrease the risk of suppliers' noncompliance with codes of conduct and standards. In so doing, it represents an important addition to the management literature on corporate social responsibility in global supply chains – which is highly topical at a time when companies are increasingly aware of the social and environmental aspects of global sourcing. After an opening systematic review of the literature on

agency theory and supply chain management, it explores the rationale underlying collaboration among competitors, and the most critical aspects of such collaboration, in depth. Thanks to the book's use of real-life examples, readers will learn how agency theory can help improve relationship management and address the major issues in sustainable global sourcing.

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4. Record Nr.	UNINA9910557647703321
Autore	Matczak Piotr
Titolo	Flood Risk Governance for More Resilience
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (212 p.)
Soggetti	Environmental economics Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Flood risks worldwide are being exacerbated due to urbanisation and the consequences of climate change. This poses a challenge to traditional managerial approaches to flood risk management that try to be 'fail-safe'. This book presents innovative and practical lessons on how to make flood risk management strategies 'safe-to-fail' and therewith more resilient. The book focuses on governance - rather than technical/managerial - approaches. As the book shows, new governance strategies are needed that ensure that flood risk management is not left to water managers alone. Various actors, including spatial planners, contingency agencies, NGOs and individual citizens, have a role to play in flood risk governance. Ten chapters assess different case studies from around the globe. These highlight the challenges and good practices related to learning, inter- and transdisciplinary cooperation, and debating and meeting the normative

end-goals of flood risk governance. This book is essential reading for grounded scholars, reflexive policymakers and practitioners, and everyone else who is interested in contributing to more resilient and future-proof flood risk governance.

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