

1. Record Nr.	UNINA9910459829503321
Titolo	Research in materials and manufacturing technologies IV : selected, peer reviewed papers from the 4th Internatioanal Conference on Materials and Products Manufacturing Technology (ICMPMT 2014), September 18-19, 2014, Chongqing, China / / edited by Prasad Yarlagadda and Yun-Hae Kim
Pubbl/distr/stampa	Zurich, Switzerland ; ; Enfield, New Hampshire : , : TTP, , 2015 ©2015
ISBN	3-03826-734-1
Descrizione fisica	1 online resource (1299 p.)
Collana	Advanced Materials Research ; ; v.1061-1062
Disciplina	670
Soggetti	Manufactures Manufacturing processes Materials science 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 indexes at the end of each chapters.
Nota di contenuto	Research in Materials and Manufacturing Technologies IV; Preface and Conference Organization; Table of Contents; Chapter 1: Metals and Alloys; Damage Identification of Low Carbon Steel under Tensile Based on Elastic Modulus; Effect of Heat Treatment on Conductivity of Cu-1.0 Cr-0.12Zr Alloy; Effect of the Solid-Solution Treatment on the Die-Casting Structures and Properties of Commercial RE-AZ91D Mg Alloy; Effects of Compound Treatment of Pulsed Magnetic Field and Mechanical Vibration on Solidified Structure of Mg97Y2Cu1 Alloy Microstructure and Properties of Niobium Microalloyed Pipeline Steel in CSP and Steel Pipe Produced by ERWPreparation of PMMA/PP/ PP-g-MAH Alloy; Study on the Precipitation Sequence of Aged NCu30-4-2-1 Alloy by DSC; The Application of Non-Linear Optimisation Algorithm to the Simulation of Nimonic Alloy 75 at Elevated Temperature; The Determination of Solution Temperature for NCu30-4-2-1 Alloy; Influence of Imidazoline Inhibitor on CO2 Corrosion of N80 Steel in Annulus Zone of Pump Recovery Well; Effect of Alternating Traveling

Magnetic Field on the Removal of Inclusions from Aluminum Melt
Effect of Atmosphere Proportion and Nitriding Time on Plasma Nitriding of Duplex Stainless Steel
Discussion on the Mechanism of Fe-Cr-Mo Electrodeposition; Effect of Segregation Purification Process on Content of Impurity Elements in High Purity Aluminum; Chapter 2: Composite Materials and Applications; Effect of Mg Content on Phase Structure and Electrical Properties of $(\text{Ba}_{0.97}\text{Ca}_{0.03})(\text{Ti}_{0.96-x}\text{Zr}_{0.04}\text{Mg}_x)\text{O}_3$ Ceramics; Effects of Different Sintering Temperature on the Microstructure and Piezoelectric Properties of $\text{Pb}(\text{Nb}_{2/3}\text{Zn}_{1/3})_x(\text{Zr}_{52}\text{Ti}_{48})_{1-x}\text{O}_3$ Ceramics
Fabrication of Pyrochlore $\text{Gd}_2\text{Zr}_2\text{O}_7$ by High Temperature Solid State Reaction
Improved Curie Temperature of Li-Doped Lead-Free (K,Na) NbO_3 Ceramics Analysis; Improvement of Thermal Conductivity of Silicone by Carbon Nanotube Array (CNTA); In Situ Formation of Ti Matrix Composites Reinforced Nanometric TiC by Powder Metallurgy Technique; Microstructure and Reinforcing Mechanisms of Boron Carbide-Cerium Boride Porous Composites; Phase-Selective Synthesis of a Silicoaluminophosphate Molecular Sieve with 3-Aminopropyltriethoxysilane as the Silica Source
Preparation Cu-Doped Carbon Aerogels and their Adsorptive Desulfurization Performance
Preparation of $\text{B}_4\text{C}-\text{CeB}_6$ Porous Composites by Hot Pressed Sintering; Study on the Heat Shrinkable Property of Opaque COC/PETG Film; Syntactic Foam Prepared with Glass Hollow Spheres of Designed Size and Wall Thickness Ratio; Synthesis and Characterization of Ni-Doped Carbon Aerogels; The Effect of Compound Corrosion Inhibitor of Sodium Silicate in the Chlorine Dioxide Solution; The Effect of pH on the Fluorescence Properties of Thermally Stable CMC/Eu Complexes
Theoretical Analysis on Thermal Shock Resistance of Refractories

Sommario/riassunto

Collection of selected, peer reviewed papers from the 4th International Conference on Materials and Products Manufacturing Technology (ICMPMT 2014), September 18-19, 2014, Chongqing, China. The 248 papers are grouped as follows: Chapter 1: Metals and Alloys; Chapter 2: Composite Materials and Applications; Chapter 3: Chemical Materials, Bio-Materials and Energy Materials; Chapter 4: Building Materials and Construction Technology; Chapter 5: Material Processing Technology; Chapter 6: Materials Testing and Analysis, Materials Wear Resistance and Strength; Chapter 7: Advanced Design and Advanced

2. Record Nr.	UNINA9910815628303321
Autore	Stuart David
Titolo	Practical data science for information professionals // David Stuart [[electronic resource]]
Pubbl/distr/stampa	London : , : Facet, , 2020
ISBN	9781783303465 9781783303458
Descrizione fisica	1 online resource (xvi, 183 pages) : digital, PDF file(s)
Disciplina	005.74
Soggetti	Database management in libraries Data curation in libraries Data services librarians Research - Data processing - Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 14 Aug 2020).
Nota di contenuto	What is data science? -- Little data, big data -- The process of data science -- Tools for data analysis -- Clustering and social network analysis -- Predictions and forecasts -- Text analysis and mining -- The future of data science and information professionals -- Appendix- Programming concepts for data science.
Sommario/riassunto	<p>The growing importance of data science, and the increasing role of information professionals in the management and use of data, are brought together in <i>Practical Data Science for Information Professionals</i> to provide a practical introduction specifically designed for information professionals.</p> <p>Data science has a wide range of applications within the information profession, from working alongside researchers in the discovery of new knowledge, to the application of business analytics for the smoother running of a library or library services. <i>Practical Data Science for Information Professionals</i> provides an accessible introduction to data science, using detailed examples and analysis on real data sets to explore the basics of the subject.</p> <p>Content covered includes:</p> <ul style="list-style-type: none"> the growing importance of data science the role of the information professional in data science some of

the most important tools and methods that information professionals may use

- an analysis of the future of data science and the role of the information professional.

This book will be of interest to all types of libraries around the world, from large academic libraries to small research libraries. By focusing on the application of open source software, the book aims to reduce barriers for readers to use the lessons learned within.
