1. Record Nr. UNINA9910983307603321

Titolo	Advances in Alloys Research and Technologies / / edited by Shadia Jamil Ikhmayies
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031574993 3031574990
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (VIII, 300 p. 145 illus., 119 illus. in color.)
Collana	Advances in Material Research and Technology, , 2662-477X
Disciplina	620.16
Soggetti	Metals Metals and Alloys
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Emerging ferrous alloys -- Effect of hydrogen gas on magnetic properties of alloys of ferromagnetic metals with Pd and its application in hydrogen gas sensing -- Recent advances in the processing of cold rolled dual phase (DP) steels -- Thermoelectricity of Ternary Alloy based Thin Films Fabricated by Magnetron Sputtering Method -- Advances in direct laser deposited (DLDed) titanium alloys -- Advances in titanium alloys for applications in the biomedical fields -- NiTi Based Shape Memory Alloys -- Molecular Dynamics Study on the Structural Evolution of Coalesced Alloy Droplets from an Atomic Level View -- Nuclear Radiation Shielding Characteristics of Platinum and Rhodium-Based Alloys -- Nd-YAG laser cutting of Hastelloy C 276 Superalloy A RSM based Central Composite Rotatable Design Approach.
Sommario/riassunto	This book serves as a rich reference for researchers, scientists, metallurgists, and students interested in recent developments in alloys research and technologies. It offers an extensive literature review, presenting the most important topics related to ferrous metal alloys and the cutting-edge advancements in emerging ferrous alloys. Readers will find simulations, reviews, and research results on various types of alloys, including their preparation methods, processing techniques, and properties. The book covers a wide range of applications, from ferromagnetic Pd-alloy-based magneto-electronic hydrogen sensors to dual phase steels, ternary alloy-based thin films,

		and titanium alloys for biomedical fields. With its comprehensive coverage and up-to-date insights, this book is an essential resource for anyone seeking a deep understanding of alloys and their applications. .
2.	Record Nr.	UNINA9910299928003321
	Titolo	Information Technology - New Generations : 14th International Conference on Information Technology / / edited by Shahram Latifi
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	3-319-54978-2
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XIX, 985 p. 599 illus., 455 illus. in color.)
	Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 558
	Disciplina	004
	Soggetti	Computer networks Electronic data processing - Management Telecommunication Computer Communication Networks IT Operations Communications Engineering, Networks
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
	Sommario/riassunto	This volume presents a collection of peer-reviewed, scientific articles from the 14th International Conference on Information Technology – New Generations, held at the University of Nevada at Las Vegas on April 10–12, at Tuscany Suites Hotel in Las Vegas. The Book of Chapters addresses critical areas of information technology including web technology, communications, computing architectures, software engineering, security, and data mining.