

1. Record Nr.	UNINA9910155855803321
Titolo	8th International Symposium on Superalloy 718 and Derivatives : held September 29-October 1, 2014, Pittsburgh, Pennsylvania, USA // edited by Eric Ott [and nine others]
Pubbl/distr/stampa	Hoboken, NJ : , : John Wiley & Sons, Inc., , 2014
ISBN	1-5231-1978-0 1-119-01660-6
Descrizione fisica	1 online resource
Disciplina	620.1617
Soggetti	Heat resistant alloys
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This collection of 73 papers focuses on Alloy 718 and Superalloys in this class relative to alloy and process development, production, product applications, trends and the development of advanced modeling tools. The authors present technical advancements relative to a broad spectrum of areas while assessing their impact on related fields associated with this critical alloy group. The papers are organized in the following sections: Trends in 718 and Derivatives; Wrought Processing, Development, and Modeling; Cast Processing, Development, and Modeling; Joining and Fabrication Processing; Heat Treatment and Thermal Processing; Product Application and Technology; Advancements in Mechanical Properties and Microstructures; Environmental Effects on Microstructure and Properties.