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Nota di contenuto	Molten Salts and Ionic Liquids: Never the Twain?; CONTENTS; Acknowledgements; Preface; Editorial; Contributors; 1 Ionic Liquids in the Temperature Range 150-1500 K: Patterns and Problems; 2 Conductivities of Ionic Liquid Mixtures with Organic Electrolyte Solutions; 3 How Hydrophilic Ionic Liquids Behave in Aqueous Solutions; 4 Mass Spectrometric Studies on Ionic Liquid Aggregates; 5 Study of Sm-Al Alloy Formation in the Molten LiCl-KCl Eutectic; 6 Alumina Solubility and Electrical Conductivity in Potassium Cryolites with Low Cryolite Ratio 7 Ionic Liquids as Solvents for the Variable Temperature Electrodeposition of Metals and Semiconductors: A Short Introduction 8 Predicting the Thermodynamic Behaviour of Water + Ionic Liquids Systems Using COSMO-RS; 9 Metallic Inert Anodes for Aluminium Electrolysis; 10 The Behaviour of Phosphorus and Sulfur in Cryolite- Alumina Melts: Thermodynamic Considerations; 11 Ionic Liquid-Ionic

Liquid Biphasic Systems; 12 Recent Developments in the Reprocessing of Spent Fuel by Catalyst Enhanced Molten Salt Oxidation (CEMSO); 13 Plasma-Induced Molten Salt Electrolysis to Form Functional Fine Particles  
14 Liquid Electrolytes: Their Characterisation, Investigation, and Diverse Applications  
15 Protection of a Microstructured Molybdenum Reactor from High Temperature Oxidation by Electrochemical Deposition Coatings in Molten Salts; 16 Molten Salt Synthesis of  $\text{LaAlO}_3$  Powder at Low Temperatures; 17 Accurate Measurement of Physicochemical Properties on Ionic Liquids and Molten Salts; 18 Molten Salt Physics and Chemistry in the Current Development of Spent Nuclear Fuel Management; 19 An Organic Chemist's Perspective on High Temperature Molten Salts and Room Temperature Ionic Liquids  
20 Raman Spectroscopy of High Temperature Melts  
21 Thermodynamic Properties of  $\text{LnI}_3\text{-MI}$  Binary Systems ( $\text{Ln} = \text{La}$  or  $\text{Nd}$ ;  $\text{M} = \text{K}$ ,  $\text{Rb}$ , or  $\text{Cs}$ );  
22 Materials Informatics for Molten Salts Chemistry; 23 A Novel Ionic Liquid-Polymer Electrolyte for the Advanced Lithium Ion Polymer Battery; 24 Solubility of  $\text{Al}_2\text{O}_3$  in  $\text{NaCl-KCl}$  Based Molten Salt System; 25 Molten Salt Synthesis of Ceramic Materials; 26 Fuel Cell and Electrolysis Studies with Dual Phase Proton and Oxide Ion Conduction;  
Index

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## Sommario/riassunto

For many years, the related fields of molten salts and ionic liquids have drifted apart, to their mutual detriment. Both molten salts and ionic liquids are liquid salts containing only ions - all that is different is the temperature! Both fields involve the study of Coulombic fluids for academic and industrial purposes; both employ the same principles; both require skilled practitioners; both speak the same language; all then that is truly different is their semantics, and how superficial is that? The editors of this book, recognising that there was so much knowledge, both empirical and theo

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2. Record Nr.	UNISALENTO991003821149707536
Titolo	Die Nibelungen: ein deutschen Wahn, ein deutscher Alptraum : Studien und Dokumente zur Rezeption des Nibelungenstoffs im XIX und XX Jarhundert / herausgegeben von Joachim Heinzle und Anneliese Waldschmidt
Pubbl/distr/stampa	Frankfurt am Main : Suhrkamp, 1994
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