

1. Record Nr.	UNINA9910830363703321
Titolo	Electrochemical aspects of ionic liquids [[electronic resource] /] / edited by Hiroyuki Ohno
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2011
ISBN	1-283-20375-8 9786613203755 1-118-00334-9 1-118-00335-7 1-118-00333-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (505 p.)
Altri autori (Persone)	OhnoHiroyuki <1953->
Disciplina	541.372 541/.372
Soggetti	Ionic solutions Electrochemistry Polymerization
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	pt. 1. Basic electrochemistry -- pt. 2. Bioelectrochemistry -- pt. 3. Ionic devices -- pt. 4. Functional design -- pt. 5. Ionic liquids in ordered structures -- pt. 6. Gel-type polymer electrolytes -- pt. 7. Polymerized ionic liquids -- pt. 8. Conclusion.
Sommario/riassunto	The second edition is based on the original book, which has been revised, updated and expanded in order to cover the latest information on this rapidly growing field. The book begins with a description of general and electrochemical properties of ionic liquids and continues with a discussion of applications in biochemistry, ionic devices, functional design and polymeric ionic liquids. The new edition includes new chapters on Li ion Batteries and Actuators, as well as a revision of existing chapters to include a discussion on purification and the effects of impurities, adsorption of ionic liq

2. Record Nr.	UNINA9910483398003321
Titolo	Advances in Engineering Research and Application : Proceedings of the International Conference on Engineering Research and Applications, ICERA 2020 // edited by Kai-Uwe Sattler, Duy Cuong Nguyen, Ngoc Pi Vu, Banh Tien Long, Horst Puta
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-64719-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIV, 886 p. 520 illus., 396 illus. in color.)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 178
Disciplina	620.0023
Soggetti	Engineering mathematics Engineering - Data processing Mechanical engineering Electrical engineering Mathematical and Computational Engineering Applications Mechanical Engineering Electrical and Electronic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This proceedings book features volumes gathered selected contributions from the International Conference on Engineering Research and Applications (ICERA 2020) organized at Thai Nguyen University of Technology on December 1–2, 2020. The conference focused on the original researches in a broad range of areas, such as Mechanical Engineering, Materials and Mechanics of Materials, Mechatronics and Micromechatronics, Automotive Engineering, Electrical and Electronics Engineering, and Information and Communication Technology. Therefore, the book provides the research community with authoritative reports on developments in the most exciting areas in these fields. .