

1. Record Nr.	UNINA9910145991803321
Titolo	Journal of solid state electrochemistry : current research and development in science and technology
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer, 1997-
ISSN	1433-0768
Descrizione fisica	1 online resource
Disciplina	541.37
Soggetti	Electrochemistry Solid state chemistry Chimie de l'etat solide Electrochimie Electroquímica Química de l'estat sòlid Periodicals. Revistes electròniques.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Title from title screen.
Sommario/riassunto	An electronic journal publishing papers on all aspects of electrochemistry of solid compounds, including experimental and theoretical, basic and applied work. It equally includes papers on the thermodynamics and kinetics of electrochemical reactions if at least one actively participating phase is solid. Also of interest are articles on the transport of ions and electrons in solids whenever these processes are relevant to electrochemical reactions and on the use of solid-state electrochemical reactions in the analysis of solids and their surfaces. The journal covers solid-state electrochemistry and focuses on the following fields: mechanisms of solid-state electrochemical reactions, semiconductor electrochemistry, electrochemical batteries, accumulators and fuel cells, electrochemical mineral leaching, galvanic metal plating, electrochemical potential memory devices, solid-state

electrochemical sensors, ion and electron transport in solid materials and polymers, electrocatalysis, photoelectrochemistry, corrosion of solid materials, solid-state electroanalysis, electrochemical machining of materials, electrochromism and electrochromic devices, new electrochemical solid-state synthesis.

---