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DESCRIPTION

This interdisciplinary journal is devoted to the **physics**, **chemistry** and **materials science** of **diffusion**, **mass transport**, and **reactivity of solids**. The major part of each issue is devoted to articles on: (i) physics and chemistry of **defects** in solids; (ii) **reactions** in and on solids, e.g. intercalation, corrosion, oxidation, sintering; (iii) **ion transport** measurements, mechanisms and theory; (iv) solid state **electrochemistry**; (v) ionically-electronically mixed **conducting solids**. Related technological applications are also included, provided their characteristics are interpreted in terms of the basic solid state properties.

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