

1. Record Nr.	UNINA9910786652903321
Titolo	Diffusion and conduction in zeolites : data compilation // edited by D. J. Fisher
Pubbl/distr/stampa	[Zurich, Switzerland] : , : Trans Tech Publications, , [2014] ©[2014]
ISBN	3-03826-461-X
Descrizione fisica	1 online resource (169 p.)
Collana	Defect and Diffusion Forum ; ; v.351
Disciplina	660.2995
Soggetti	Zeolites
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Diffusion and Conduction in Zeolites; Table of Contents; Abstracts
Sommario/riassunto	The microporous aluminosilicate minerals known as Zeolites are invaluable as adsorbents, molecular sieves and catalysts because they possess a porous structure that can let pass or accommodate cations such as, Ca ²⁺ , K ⁺ , Mg ²⁺ , Na ⁺ , etc. These are nevertheless loosely held and can be easily exchanged for those in an adjacent solution. Movement of other materials through Zeolites is naturally an important factor. The present compilation consists of diffusion data. These represent, as far as possible, pure diffusion, shorn of other transfer mechanisms such as permeation. Most of the results involv