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Collana	Diffusion and defect data. Part A, Diffusion and defect forum, , 1012-0386 ; ; v. 307
Altri autori (Persone)	FisherD. J
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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Defects and Diffusion, Theory & Simulation II; Table of Contents; Computational Fluid Dynamics (CFD) Based Simulated Study of Multi-Phase Fluid Flow; Role of Silicon in PM Processed Soft Magnetic Alloy; Voltage Switch of Nano-Size Zinc Oxide Ceramic Defected Barium; Self-Diffusion in Nano-ZnO; Localised Vibrational Mode in CuO:Sn (5 at%) Nanoparticles; A Brief Survey of the Literature on Silica Refractory Research and Development: The Case for Nanostructured Silica Obtained from Rice Husk Ash (RHA) Local Density Diffusivity (LDD-) Model for Boron Out-Diffusion of In Situ Boron-Doped Si <sub>0.75</sub> Ge <sub>0.25</sub> Epitaxial Films Post Advanced Rapid Thermal Anneals with Carbon Co-Implant GaAs Surface Composition Investigation during Al Thin Film Growth Using the CBE Method; Slow Positron Studies in Polymers; A Model and Simulated Analysis for Reliability and Failure in MEMS Fabrication; Abstracts; Keywords Index; Authors Index
Sommario/riassunto	This second volume in a new series covering entirely general results in the fields of defects and diffusion includes 356 abstracts of papers which appeared between the end of 2009 and the end of 2010. As well as the abstracts, the volume includes original papers on theory/simulation, semiconductors and metals: ""Predicting Diffusion Coefficients from First Principles ..."" (Mantina, Chen & Liu), ""Gouge

Assessment for Pipes ..."" (Meliani, Pluinage & Capelle), ""Simulation of  
the Impact Behaviour of ... Hollow Sphere Structures"" (Ferrano, Speich,  
Rimkus, Merkel & Ochsner), ""Elastic-Plastic

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