

Table of Contents

100 Volumes of Diffusion - a Personal View	1
Diffusion and Effects in Nanocrystalline Materials	25
Semiconductors	53
Halides, Bromides, Chlorides, Fluorides and Iodides	117
Oxides, Simple Oxides, Mixed Oxides, Garnets, Perovskites and Spinels Etc	127
Other Ionic Substances, Phosphates, Sulfates, Silicates, Carbon and Carbides, Nitrides, Silicides, Sulfides and Selenides, Miscellaneous and Metals	161
General, Diffusion Processes, Electromigration, Point Defects, Linear Defects, Planar Defects, Irradiation Effects and Ionic Conduction	269