

Table of Contents

Preface

Soft Chemistry and Its Application for New Layered Compounds

S. Kikkawa

1

Role of Non-Stoichiometry and Soft Chemistry in the Preparation of Advanced Catalysts

G. Centi

17

Layered Nanoarchitectures between Cationic and Anionic Materials -Composite Assemblies of Polyions, Lipid Bilayers, and Proteins-

K. Ariga, Y. Sasaki, H. Horiguchi, N. Horiuchi and J. Kikuchi

35

Controlled Ion Migration Tuning of Semiconductor Electrical Properties

L. Chernyak and D. Cahen

61

Inclusion Polymerization Low-Dimensional and Space-Dependent Polymerization

M. Miyata and K. Sada

99