

## TABLE OF CONTENTS 目 录

### **Fabrication and Photoelectric Properties of Aligned ZnO/Cu<sub>2</sub>O Core-Shell Heterojunction Nanowire Arrays**

(取向 ZnO/Cu<sub>2</sub>O 纳米异质结阵列的制备及光电特性研究)

J. J. ZHAO, S. T. ZHOU, D. H. LV, J. Y. GUO, D. N. LIU, S. S. XU, M. K. LI.....1

### **Synthesis and Photocatalytic Properties of Single Crystalline Brookite TiO<sub>2</sub>**

(单一相板钛矿 TiO<sub>2</sub> 的制备及光催化性能研究)

Y. XIE, Y. L. ZOU, G. S. ZHANG, G. YAN, X. Y. WANG, J. M. HUANG.....10

### **Recent Advances in the Synthesis and Applications of Nitrogen-Doped Graphene**

(氮掺杂石墨烯制备及其应用研究进展)

W. W. KANG, H. Y. QUAN, Y. H. HUANG, P. LUO, Y. H. LIANG, B. Q. ZHONG, Z. LI, W. Q. ZHU,  
C. Y. MO, J. P. WU, H. J. LIAO, X. W. WANG, D. C. CHEN, M. ZHANG, H. W. HU.....17

### **Study on Application and Synthesis of Polypeptide Drug Carrier Nano-Hydroxyapatite**

(多肽类药物载体纳米羟基磷灰石的合成  
及应用研究)

M. S. TAN, Z. J. YANG, N. YAO, Y. LIU.....32