

## TABLE OF CONTENTS

## 目 录

### The Beam-Width Spread and Directionality of Partially Coherent Hermite-Gaussian Beams Propagating through Non-Kolmogorov Atmospheric Turbulence

(部分相干厄米 - 高斯光束通过非 Kolmogorov 大气湍流传输的束宽扩展和方向性)

Y. Y. PENG, J. H. LI, J. L. WEI, W. W. WANG.....61

### The Influence of Iron Salts on the Diameters of Carboxyl-Functionalized Magnetic Nanoparticles

(铁盐量对羧基化磁性纳米颗粒粒径的影响)

H. L. WANG, J. J. GUO, G. J. XU, J. WANG.....68

### Sulfur-Doped TiO<sub>2</sub> Nanocrystalline Photoanodes for Dye-Sensitized Solar Cells by Hydrothermal

(水热法制备硫掺杂的 TiO<sub>2</sub> 染料敏化纳米晶太阳能电池光阳极)

L. WANG, Q. Y. LUO, Q. SUN, Y. J. ZHU.....72

### Study on Raman Spectra of Some Carbon Materials

(部分碳系材料的拉曼光谱研究)

F. WANG, X. D. MA, C. J. DAI.....77

### Microwave Absorption Properties of Carbon-Coated Nickel Particle

(碳包覆镍纳米微粒的吸波性能研究)

Z. D. YANG, H. Y. ZHANG, G. X. ZENG, J. J. XU.....81