

TABLE OF CONTENTS 目 录

A Molecular Dynamics Simulation Study of the Influence of Different Deposited Particle on the Properties of Hydrogenated Amorphous Carbon Films (不同沉积粒子对非晶碳氢薄膜性质影响的分子动力学研究)

Y. WANG, M. ZHANG, Y. H. PAN, Z. H. WANG, S. J. CHU, S. Y. LIN.....9

Quantum Monte Carlo Study of the Single-Layered High-Tc Cuprates with a Two-Orbital Model (基于双轨道模型单层铜氧化物高温超导体的量子蒙特卡罗探究)

Y. GUAN, C. MEI, Y. GAO, Z. B. HUANG.....16

Spin Polarization in Magnetic Nanostructure Modulated by Ferromagnetic and Schottky Metal Stripes (铁磁条和肖特基金属条调制下的电子自旋极化输运)

J. H. ZHU, F. X. ZHAO, H. CHEN.....23

A Finite Element Analysis Method of Low Frequency Surface Figure Parameters of Coating Components

(镀膜元件低频面形参数的有限元模拟及分析方法)

S. Y. SHAO, Y. J. CHAI, H. WANG, M. GUO, K. YI.....29