

TABLE OF CONTENTS 目 录

Influencing Factors and Removing Method of 5-Hydroxymethylfurfural (5-HMF) Generated in High Fructose Corn Syrup

(果葡糖浆中 5-HMF 生成影响因素及其去除方法)

J. ZHANG, X. Q. SUN, Q. CUI, Q. H. LI, W. LI, Y. WANG.....27

Quantum Chemical Study of the Role of the van der Waals Interaction (2)

(范德华作用的量子化学研究(二))

G. Y. ZHOU.....33

The Density Functional Theory Investigation of Acetylene Hydrogenation on the Pd(111) Surface with Point Defect

(Pd(111)点缺陷表面乙炔加氢生成乙烯的密度泛函理论研究)

X. WANG, Z. Y. YANG, Y. P. LI.....40