固体表面物理化学国家重点实验室

2018 年报论文目录

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150. A Hexadecanuclear Silver Alkynyl Cluster Based NbO Framework with Triple Emissions from the Visible to Near-Infrared II Region
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151. Realizing High Reversible Capacity: 3D Intertwined CNTs Inherently Conductive Network for CuS as an Anode for Lithium Ion Batteries
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152. Constructing Fast Electron and Ion Conductive Framework for Li_2S as Advanced Lithium Sulfur Battery
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153. Nitrogen-Doped Biomass-Based Hierarchical Porous Carbon with Large Mesoporous Volume for Application in Energy Storage
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154. Surface-Enhanced Raman Spectroscopy for Bioanalysis: Reliability and Challenges
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155. Metal-Organic Layers Stabilize Earth-Abundant Metal-Terpyridine Diradical Complexes for Catalytic C-H Activation
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156. De Novo Design of Constrained and Sequence-Independent Peptide Scaffolds with Topologically-Formidable Disulfide Connectivities
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157. Structure and Formation of Highly Luminescent Protein-Stabilized Gold Clusters
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158. Pd Nanosheets with Their Surface Coordinated by Radioactive Iodide as a High- Performance Theranostic Nanoagent for orthotopic Hepatocellular Carcinoma Imaging and Cancer Therapy
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159. Design of Efficient Bifunctional Catalysts for Direct Conversion of Syngas into Lower Olefins Via Methanol/Dimethyl Ether Intermediates
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160. Electrical and SERS Detection of Disulfide-Mediated Dimerization in Single-Molecule Benzene-1,4-Dithiol Junctions

B 类　国内论文

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3. Influence of Phosphate on La-Based Catalysts for Oxidative Coupling of Methane
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4. Glucose Isomerization into Fructose Catalyzed by MgO/NaY Catalyst
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6. Monitoring the Formation of Oil-Water Emulsions with A Fast Spatially Resolved NMR Spectroscopy Method
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7. Feasibility of Ultrafast High-Resolution Spectroscopy in the Analysis of Molecular-Mobility-Restricted Samples in Deuterium-Free Environments
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8. Deposition Mechanism and Coating Characterization for the Trivalent Chromium Electrodeposition in Sulphate Electrolyte
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10. DFT Study of Water Assisted Hydrogen Dissociation on Gold Nanoparticles
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11. $Co_3(HCOO)_6$@rGO as a Promising Anode for Lithium Ion Batteries
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12. Influences of FEC-Based Electrolyte on Electrochemical Performance of High Voltage Cathode Material Li_2CoPO_4F
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13. Complex Coordination Silver Electrocrystallization Mechanism on Glassy Carbon Electrode Surface
Huang SS, Liu C, Jin L, Yang FZ, Tian ZQ, Zhou SM
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14. An Investigation on the Structure of Au(lll)/Imidazolium-Based Ionic Liquid Interface: Effect of Alkyl Side Chain Length
Chen L, Liu S, Li MG, Su JJ, Yan JW, Mao BW
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15. Effects of Sulfur-Containing Additive on Low Temperature Performance of Graphite Anode
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17. Surface Plasmon-Enhanced Photoelectrochemical Reaction on Metal Nanostrures
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18. Surface Plasmon Resonance-Enhanced Photoelectrochemical Reactions on Metal Nanogaps
Wu DY, Zhang M, Zhou JZ, Tian ZQ
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19. The Advance for the Field of Surface Plasmon Assisted Reactions and Related Characterization
Wang X, Huang SC, Zhang M, Ren B
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20. Alginate Hydrogel-Assisted Synthesis and Electrochemical Properties of Si/rGO/C Composite for Lithium-Ion Battery Anode Materia
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21. Recent Research Progress on Nanopores and Nanochannels Based Electrokinetical Energy Conversion Systems
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22. An Analysis of the Discipline Development of Energy Chemistry in China
Liu B, Fu Q, Bao XH, Tian ZQ
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23. First Principles Simulations of Energy Materials
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24. Development Trends of Lithium Ion Batteries and Their Key Materials for Electric Vehicles
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25. An Ion-Modified Cluster Model for Studying the Correlation of Raman Intensity and Electric Conductance of Single Molecule in the Molecular Junction
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