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## 2010-2011年科研论文

### SCI/EI收录论文

| 论文名称                                                                                                                         | 作者（*）  | 发表时间      | 发表刊物                                            |  |
|------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------------------------------------------------|--|
| Hydrochlorination of acetylene to vinyl chloride monomer over bimetallic Au-La/SAC catalysts                                 | 代斌（通讯） | 2011      | Journal of Industrial and Engineering Chemistry |  |
| Catalytic performance of a Ti added Pd/SiO <sub>2</sub> catalyst for acetylene hydrogenation                                 | 代斌（通讯） | 2011      | Journal of Industrial and Engineering Chemistry |  |
| Effect of Adapted Constructed Flora on Continuous Coupled Aerobic-anaerobic Process for Treatment of Tomato Paste Wastewater | 曹鹏（1）  | 2011, 20  | Fresenius Environmental Bulletin                |  |
| Adsorption of Methylene blue on adsorbent materials produced from cotton stalk                                               | 邓辉（1）  | 2011, 172 | Chemical Engineering Journal                    |  |
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| Preparation and characterization of sodium arboxymethyl cellulose from cotton stalk using microwave heating                              | 张根林<br>(1)  | 2011,<br>86  | J Chem Technol<br>Biotechnol              |  |
| 棉秆脱毒水解液发酵生产2,3-丁二醇的工艺优化                                                                                                                  | 张根林<br>(1)  | 2011,<br>27  | 农业工程学报                                    |  |
| N-Heterocyclic Carbene Catalyzed Hydrophosphonylation of Aldehydes                                                                       | 何林 (通<br>讯) | 2011,<br>13  | Synthesis                                 |  |
| Cyclic phosphoric acid catalyzed one-pot, four-component synthesis of 1,2,4,5-tetrasubstituted imidazoles                                | 何林 (通<br>讯) | 2011         | Chin. Chem. Lett.                         |  |
| N-Heterocyclic Carbene Catalyzed Cyanation Reaction of Carbonyl Compounds with Ethyl Cyanoformate and Acetyl Cyanide                     | 代斌 (通<br>讯) | 2011         | Tetrahedron Lett                          |  |
| Diastereoselective Synthesis of $\gamma$ -butenolides Catalyzed by Potassium tert-butoxide                                               | 何林 (通<br>讯) | 2011         | Synthetic<br>Communications               |  |
| Co <sub>2</sub> SnO <sub>4</sub> -multiwalled carbon nanotubes composite as a highly reversible anode material for Lithium-ion batteries | 王刚 (1)      | 2011,<br>56  | Electrochimica Acta                       |  |
| Preparation of IPNs SBS/PBMA-b-PMA and Effect of Compatibility with PVC                                                                  | 魏忠 (通<br>讯) | 2011,<br>320 | Advanced Materials<br>Research            |  |
| Self-assembly of double hydrophobic block copolymer                                                                                      | 魏忠 (通<br>讯) | 2011         | 2011 International<br>Conference on Fuzzy |  |

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| (PBMA-b-PMA) in water-THF mixtures                                                                                                                      |         |           | Systems and Neural Computing (FSNC 2011)                            |  |
| Dehydration reaction of bio-ethanol to ethylene over modified SAPO catalysts                                                                            | 代斌 (通讯) | 2010, 16  | Journal of Industrial and Engineering Chemistry                     |  |
| Activity Screening of Thiazolidine-4-carboxylic Acid Ethyl Ester by Cell Membrane Chromatography                                                        | 代斌 (通讯) | 2010, 6   | The Proceedings of The China Association for Science and Technology |  |
| Photoactive ternary Tb <sup>3+</sup> /Zn <sup>2+</sup> centered hybrids with p-tert-butylcalix[4]arene functionalized Si-O bridge and polyvinylpyridine | 张海燕 (1) | 2010, 13  | Inorganic Chemistry Communications                                  |  |
| N-Heterocyclic Carbene Catalyzed Vinylogous Aldol Reaction of 2-(Trimethylsilyloxy)furan and Aldehydes                                                  | 何林 (通讯) | 2010      | Synlett.                                                            |  |
| Effect of vibrational and rotational excitation on the stereodynamics of the C(1D) + H <sub>2</sub> (v, j) → CH + H reaction                            | 康丽华 (1) | 2010, 89  | Can. J. Chem.                                                       |  |
| A comparison of the stereodynamics between C(1D) H <sub>2</sub> and C(1D) HD reactions                                                                  | 康丽华 (1) | 2010, 111 | International Journal of Quantum Chemistry                          |  |
| Quasi-classical trajectory study of the CD/CH product branching ratios for the C(1D) + HD reaction                                                      | 康丽华 (1) | 2010, 945 | Journal of Molecular Structure: Theochem                            |  |
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| Effect of collision energy on cross sections and product alignments for the C(1D) + H <sub>2</sub> ( $v = 0, j = 0$ ) insertion reactions | 康丽华<br>(1) | 2010,<br>88 | Can. J. Chem. |  |
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