

## 2002 年发表的文章

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27. 复合负载金属—支撑水相催化剂上 1-己烯氢甲酰化反应性能  
朱何俊, 丁云杰, 严丽, 熊建民, 吕元, 林励吾  
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28. 新型水溶性配体-负载金属氢甲酰化催化剂: TPPTS-Rh/SiO<sub>2</sub>  
朱何俊, 丁云杰, 严丽, 熊建民, 尹红梅, 吕元, 林励吾  
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#### 四、 著作和编著

电子能谱在多相催化研究中的应用

盛世善, 潘秀莲, 熊国兴

论表面分析及其在材料研究中的应用[5.2](ISBN 7-5023-3860-8)

(2002)160-173, 黄惠忠等著

#### 五、 国际会议报告

1. “Advances in UV Roman spectroscopic characterization of catalysts” (Invited keynote)  
Can Li  
The 4th Tokyo Conference on Advanced Catalytic Science and Technology,  
Tokyo, Japan, July 2002

2. "Graphitic nanofilaments: A superior support of Ru- Ba catalyst for ammonia synthesis" (Oral)  
Changhai Liang, Zhonglai Li, Jieshan Qiu, Zhaobin Wei, Qin Xin and Can Li  
The 224th ACS National Meeting, Boston, Aug. 18-22, 2002
3. "A novel route to nanostructured carbides on carbon materials: carbothermal hydrogen reduction" (Oral)  
Changhai Liang, Pinliang Ying, Zhaobin Wei, Can Li  
18th North American Catalysis Society Meeting, Cancun, Mexico, June 1-6, 2003
4. "Thermogravimetric study on the catalytic pyrolysis of cellulose and lignin" (Oral)  
Hongwei Liu, Changhai Liang, Haoquan Hu, Xuyuan Li, Can Li  
The 223rd ACS National Meeting, Orlando, Florida, April 7-11, 2002
5. "Synthesis and characterization of nanostructured Mo<sub>2</sub>C on carbon material by carbothermal hydrogen reduction" (Poster)  
Changhai Liang, Zhaobin Wei, Qin Xin and Can Li  
The 8th International Symposium on Scientific Bases for the Preparation of Heterogeneous Catalysts, Louvain-la-Neuve, Belgium, 9-12 Sep 2002
6. "Graphitic nanofilaments: A superior support of Ru-Ba catalyst for ammonia synthesis"  
Changhai Liang, Zhonglai Li, Jieshan Qiu, and Can Li  
The International Conference on Carbon in 2002, Beijing, China, Sept. 15-20, 2002
7. "Carbothermal hydrogen reduction: A new method to nanostructured b-Mo<sub>2</sub>C on ultrahigh surface area carbon material" (Poster)  
Changhai Liang, Pinliang Ying, Can Li  
The International Conference on Carbon in 2002, Beijing, China, Sept. 15-20, 2002
8. "Research and development on GTL commercialization" (Specially invited report)  
Guoxing Xiong, Xinhe Bao  
2nd Annual conference on GTL Commercialization, Singapore, May 07-08, 2002
9. "Oxygen permeability and structure of dual phase Ba<sub>0.5</sub>Sr<sub>0.5</sub>Co<sub>0.8</sub>O<sub>3-a</sub> La<sub>0.15</sub>Sr<sub>0.85</sub>Ga<sub>0.3</sub>Fe<sub>0.7</sub>O<sub>3-a</sub> membrane" (Poster)  
Haihui Wang, Weishen Yang, You Cong, Guoxing Xiong, Liwu Lin  
7th International Conference on Inorganic Membranes, Dalian, China, June 23-26, 2002
10. "Titanium-based perovskite-type mixed conducting membranes for oxygen permeation" (Poster)  
Jianhua Tong, Weishen Yang, Rui Cai, Guoxing Xiong, Liwu Lin  
7th International Conference on Inorganic Membranes, Dalian, China, June 23-26, 2002

11. "Our Recent Development in Mixed-conducting Membrane for Hydrogen Separation" (Poster)  
Guangtao Li, Guoxing Xiong, Weishen Yang  
7th International Conference on Inorganic Membranes, Dalian, China, June 23-26, 2002
12. "Oxygen Permeation Properties of Stable  $\text{BaCo}_{0.4}\text{Zr}_{0.2}\text{O}_{3-\delta}$  Dense Ceramic Membrane under Air/He and Air/Syngas gradients" (Oral)  
Jianhua Tong, Weishen Yang, Rui Cai, Guoxing Xiong, Liwu Lin  
7th International Conference on Inorganic Membranes, Dalian, China, June 23-26, 2002
13. "A thin dense Pd membrane supported on  $\alpha\text{-Al}_2\text{O}_3$  hollow fiber" (Oral)  
Xiulian Pan, Guoxing Xiong, Shishan Sheng  
7th International Conference on Inorganic Membranes, Dalian, China, June 23-26, 2002
14. "Synthesis and Pervaporation of A-type zeolite Membrane" (Poster)  
Aisheng Huang, Weishen Yang, Jie Liu, Xiaobo Chen, Guoxing Xiong, Liwu Lin  
7th International Conference on Inorganic Membranes, Dalian, China, June 23-26, 2002
15. "Synthesis and characterization of zeolite A membranes prepared by vacuum seeding method" (Oral)  
Aisheng Huang, Weishen Yang, Jie Liu, Yanshuo Li, Guoxing Xiong, Liwu Lin  
7th International Conference on Inorganic Membranes, Dalian, China, June 23-26, 2002
16. "Ag-Bi-V-Mo Oxide Catalytic Membrane for the Partial Oxidation of Propane to Acrolein" (Oral)  
Baichun Zhu, Hongbo Li, Jianhua Tong, Rui Cai, Shishan Sheng, Weishen Yang  
5th International Conference on Catalysis in Membrane Reactors, Dalian, China, June 26-28, 2002
17. "Electrode-electrolyte BIMEVOX Membrane Reactor for the Oxidation of alkanes at Moderate Temperatures" (Oral)  
Rui Cai, Jianhua Tong, Hongjuan Zhu, Baichun Zhu, Shishan Shen, Weishen Yang  
5th International Conference on Catalysis in Membrane Reactors, Dalian, China, June 26-28, 2002
18. "Oxygen permeation and POM in tubular  $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{3-\delta}$  membrane reactor" (Oral)  
Haihui Wang, You Cong, Weishen Yang  
5th International Conference on Catalysis in Membrane Reactors, Dalian, China, June 26-28, 2002

## 六、 国内会议大会报告、邀请报告

1. “固体 MAS NMR 在多相催化中的应用” (大会报告)  
包信和  
第十二届全国波谱学学术报告会, 大连, 2002 年 10 月
2. “多相手性催化” (邀请报告)  
李灿  
第十一届全国催化会议, 杭州, 2002 年 10 月