

- 1.** Production of bioadditives from glycerol esterification over zirconia supported heteropolyacids, Shanhui Zhu, Yulei Zhu, Xiaoqing Gao, Tao Mob, Yifeng Zhu, Yongwang Li, *Bioresource Technology*, 130 (1): 45-51 FEB 2013
- 2.** Energies and Spin States of FeSO_4 -, FeS_2 -, Fe_2S_2 -, Fe_3S_4 -, and Fe_4S_4 - Clusters, Yan-Ni Li, Shengguang Wang, Tao Wang, Rui Gao, Chun-Yu Geng, Yong-Wang Li, Jianguo Wang, and Haijun Jiao, *CHEMPHYSICHEM*, 14 (6): 1182-1189 APR 15 2013
- 3.** DFT plus U Study of Molecular and Dissociative Water Adsorptions on the $\text{Fe}_3\text{O}_4(110)$ Surface, Xiaohu Yu, Yanni Li, Yong-Wang Li, Jianguo Wang, and Haijun Jiao, *JOURNAL OF PHYSICAL CHEMISTRY C*, 117 (15): 7648-7655 APR 18 2013
- 4.** Electronic Structures and Energies of $\text{Fe}_2(\text{CO})_n$ ($n=0-9$), Qiang Li, Yan-Ni Li, Tao Wang, Sheng-Guang Wang, Chun-Fang Huo, Yong-Wang Li, Jianguo Wang, Haijun Jiao *CHEMPHYSICHEM*, 14 (8): 1573-1576 JUN 3 2013
- 5.** Alkaline metals modified $\text{Pt-H}_4\text{SiW}_{12}\text{O}_{40}/\text{ZrO}_2$ catalysts for the selective hydrogenolysis of glycerol to 1,3-propanediol, Shanhui Zhu, Xiaoqing Gao, Yulei Zhu, Yifeng Zhu, Xiaomin Xiang, Caixia Hu, Yongwang Li, *APPLIED CATALYSIS B-ENVIRONMENTAL*, 140 (1): 60-67 AUG-SEP 2013
- 6.** Hydrogenolysis of glycerol to 1,3-propanediol over bifunctional catalysts containing Pt and heteropolyacids, Shanhui Zhu, Yanan Qiu, Yulei Zhu, Shunli Hao, Hongyan Zheng, Yongwang Li, *CATALYSIS TODAY*, 212 (1): 120-126 SEP 1 2013
- 7.** Promoting effect of boron oxide on Cu/SiO_2 catalyst for glycerol hydrogenolysis to 1,2-propanediol, Shanhui Zhu, Xiaoqing Gao, Yulei Zhu, Yifeng Zhu, Hongyan Zheng, Yongwang Li, *JOURNAL OF CATALYSIS*, 303 (1): 70-79 JUL 2013
- 8.** Effect of manganese on the catalytic performance of an iron-manganese bimetallic catalyst for light olefin synthesis, Tingzhen Li, Hulin Wang, Yong Yang, Hongwei Xiang, Yongwang Li, *JOURNAL OF ENERGY CHEMISTRY*, 22 (4): 624-632 JUL 2013

9. Design of a highly active silver-exchanged phosphotungstic acid catalyst for glycerol esterification with acetic acid, Shanhui Zhu, Xiaoqing Gao, Fang Dong, Yulei Zhu, Hongyan Zheng, Yongwang Li, JOURNAL OF CATALYSIS, 306 (): 155-163 OCT 2013

10. Effects of alkaline-earth metals on the structure, adsorption and catalytic behavior of iron-based Fischer-Tropsch synthesis catalysts, Jifan Li, Chenghua Zhang, Xiaofan Cheng, Ming Qing, Jian Xu, Baoshan Wu, Yong Yang, Yongwang Li, APPLIED CATALYSIS A-GENERAL, 464 (): 10-19 AUG 15 2013

11. Density functional theory study into H₂O dissociative adsorption on the Fe₅C₂(010) surface, Gao, Rui; Cao, Dong-Bo; Liu, Shaoli; et al., APPLIED CATALYSIS A-GENERAL, 468 (): 370-383 NOV 5 2013

12. Highly selective synthesis of ethylene glycol and ethanol via hydrogenation of dimethyl oxalate on Cu catalysts: influence of support, Zhu, Yifeng; Zhu, Yulei; Ding, Guoqiang; et al., APPLIED CATALYSIS A-GENERAL, 468 (): 296-304 NOV 5 2013

13. Impact of H₂/CO ratios on phase and performance of Mn-modified Fe-based Fischer Tropsch synthesis catalyst, Ding, Mingyue; Yang, Yong; Li, Yongwang; et al., APPLIED ENERGY, 112 (): 1241-1246 DEC 2013