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个人简介

余长春博士, 中国石油大学(北京)副教授, 研究方向为天然气与轻烃催化转化、煤制油、煤化工、表面化学和催化。
1997.3年获中国科学院兰州化学物理研究所物理化学博士;
1997.4-2002中国石油大学(北京)化工学院;
2003.1-2004.1 加拿大英属哥伦比亚大学访问学者;
2004至今中国石油大学(北京)化工学院。

发表论文

- [1]. Dai, X., C. Yu and R. Li, Deactivation of CeO₂-Promoted CO/SiO₂ Fischer-Tropsch catalysts. CHINESE JOURNAL OF CATALYSIS, 2007. 28(12): p. 1047-1052.
- [2]. Dai, X., C. Yu and Q. Wu, Comparison of LaFeO₃, La_{0.8}Sr_{0.2}FeO₃, and La_{0.8}Sr_{0.2}Fe_{0.9}Co_{0.1}O₃ perovskite oxides as oxygen carrier for partial oxidation of methane. JOURNAL OF NATURAL GAS CHEMISTRY, 2008. 17(4): p. 415-418.
- [3]. Dai, X. and C. Yu, H₂-induced CO adsorption and dissociation over Co/Al₂O₃ catalyst. JOURNAL OF NATURAL GAS CHEMISTRY, 2008. 17(4): p. 365-368.
- [4]. Dai, X., C. Yu and Q. Wu, Direct Methane Oxidation in the Absence of Gaseous Oxygen Using La_{0.8}Sr_{0.2}Fe_{0.9}Co_{0.1}O₃ Perovskite Oxide as the Oxygen Carrier. CHINESE JOURNAL OF CATALYSIS, 2008. 29(10): p. 954-956.
- [5]. Dai, X. and C. Yu, Effects of pretreatment and reduction on the Co/Al₂O₃ catalyst for CO hydrogenation. JOURNAL OF NATURAL GAS CHEMISTRY, 2008. 17(3): p. 288-292.
- [6]. Dai, X. and C. Yu, Characterization and catalytic performance of CeO₂-CO/SiO₂ catalyst for Fischer-Tropsch synthesis using nitrogen-diluted synthesis gas over a laboratory scale fixed-bed reactor. JOURNAL OF NATURAL GAS CHEMISTRY, 2008. 17(1): p. 17-23.
- [7]. Yu, C. and S. Shen, Progress in studies of natural gas conversion in China. PETROLEUM SCIENCE, 2008. 5(1): p. 67-72.
- [8]. Dai, X. and C. Yu, Direct Partial Oxidation of Methane to Synthesis Gas Using Oxygen Carriers in the Absence of Gaseous Oxygen. PROGRESS IN CHEMISTRY, 2009. 21(7-8): p. 1626-1635.
- [9]. Jing, Z., R. Li and C. Yu, Preparation and Characterization of Perovskite-Type LaFe_{1-x}

Co_xO₃ Oxides and Its Catalytic Activity for Methane Partial Oxidation. Chemical Engineering of Oil and Gas, 2010. 39(1007-3426(2010)39): p. 3.

[10]. Dai, X. and C. Yu, Nano-Perovskite-Based (LaMO(3)) Oxygen Carrier for Syngas Generation by Chemical-Looping Reforming of Methane. CHINESE JOURNAL OF CATALYSIS, 2011. 32(8): p. 1411-1417.

科研项目

1. 合成气制高品质液体燃料
2. 50kg/d天然气制合成油成套技术开发
3. 丁烯氧化脱氢制丁二烯技术开发
4. 硫磺回收系列催化剂表征、动力学研究及分子模拟

获得专利

1. CN101906339A, 周红军;余长春;周广林, 煤气化和甲烷化一体化生产代用天然气的工艺及装置
2. CN101871031A, 周红军;周广林;余长春, 一种利用焦炉气制还原气生产海绵铁的方法及设备