

国内外杂志上发表的文章目录

一、 国际刊物

- 01 Methane activation without using oxidants over supported Mo atalysts
WONG Shetin, XU Yide, LIU Wei, WANG Linsheng, GUO Xiexian
Applied Catalysis,136(1996)7-17
- 02 Methane and ethane activation without adding oxygen:promotional effect of W in Mo-W/HZSM-5
WONG Shetin, XU Yide, WANG Linsheng, LIU Shetian, LI Guangjin, XIE Maosong and GUO Xiexian
Catalysis Letters,38(1996)39-43
- 03 Probing the bimetallic RhCO₃ cluster preserved on SiO₂ after thermal treatment under O₂ by hydroformylation

HUANG Lin and XU Yide
Catalysis Letters, 40(1996)203-206
- 04 Dehydrogenation and aromatization of methane in the absence of oxygen on Mo/HZSM-5 catalysts before and after NH₄OH extraction

XU Yide, LIU Wei, WONG Shetin, WANG Linsheng and GUO Xiexian
Catalysis Letters,40(1996)207-214
- 05 Oxidative coupling of methane by carbon dioxide: a highly C₂ selective La₂O₃/ZnO catalyst

CHEN Changlin, XU Yide, LI Guangjin and GUO Xiexian
Catalysis Letters, 42(1996)149-153
- 06 IR studies on CO insertion reaction with SiO₂-supported rhodium active site

HUANG Lin, LIU Anming, XU Yide
Bull. Soc. Chim. Fr, 133(1996)471-476
- 07 Pt/ML(M=Rb, Sr) as highly selective and active catalysts for cinnamaldehyde hydrogenation to cinnamyl alcohol
LI Guangjin, LI Tao and XU Yide
J. Chem. Soc., Chem. Commun, (1996)497-498
- 08 Reaction mechanism and the role of the support in partial oxidation of methane on Rh/Al₂O₃

WANG Dezheng, O. Dewaele, A. Degroot and G. F. Froment
Journal of Catalysis, 159(1996) 418-426
- 09 The pzc of Au(111) and Pt(111) in a perchloric acid solution: an ex situ approach to the immersion technque
U. W. Hamm, D. Kramer, ZHAI Runsheng, D. M. Kolb
J. Electroanalyt. Chem,414(1996) 85-89
- 10 Interaction of oxygen with silver at high temperature atmospheric pressure: A spectroscopic and structural analysis of a strongly bound surface species

BAO Xinhe, M. Muhler, Th. Schedel-Niedrig, and R. Schlogl
Physical Review B, 54(1996)59-69

- 11 Study of the structure of niobium oxide by X-ray absorption fine structure and surface science techniques
Takashi Ushikubo, Yasuo Koike, Keisuke Wada, XIE Lei, WANG Gezheng, GUO Xiexian
Catalysis Today, 28(1996)59-69
- 12 Fourier transform-infrared investigation of adsorption of methane and carbon monoxide on HZSM-5 and Mo/HZSM-5 zeolites at low temperature
CHEN Laiyuan, LIN Liwu, XU Zhusheng, ZHANG Tao, XIN Qin, YING Pinliang, LI Guoqiang and LI Can
Journal of Catalysis, 161(1996)107-114
- 13 Ultraviolet raman spectroscopy characterization of sulfated zirconia catalysts: fresh, deactivated and regenerated
LI Can and Peter C. Stair
Catalysis Letters, 36(1996)119-123
- 14 Synthesis and hydrodesulfurization(HDS) and hydrogenation (HYD) activity of dimolybdenum nitride
ZHANG Yaojun, WEI Zhaobin, YAN Weihong, YING Pinliang, JI Chunxin, LI Xinsheng, ZHOU Zhenhua, SUN Xiuping and XIN Qin
Catalysis Today, 30(1996) 135-139
- 15 Temperature-programmed desorption and adsorption of hydrogen on Mo₂N
LI Xinsheng, CHEN Yaoxin, ZHANG Yaojun, JI Chunxin, XIN Qin
React. Kinet. Catal. Lett., 58(1996) 391-396
- 16 Irreversible hydrogen uptake on Mo₂N catalyst

LI Xinsheng, ZHANG Yaojun, XIN Qin, JI Chunxin, MIAO Yanfen and WANG Li
React. Kinet. Catal. Lett., 57(1996) 177-182
- 17 Reaction of oxygen with adsorbed hydrogen species of a reduced Pt/TiO₂ catalyst

LI Xinsheng, CHEN Yanxin and LI Wenzhao
React. Kinet. Catal. Lett., 58(1996) 385-390
- 18 An advance in raman studies of catalysts: ultraviolet resonance raman spectroscopy
LI Can and Peter C. Stair
Proceedings, 11th Intern. Congr. On Catal., Stud. In Surf. Sci. Catal., 101(1996)881-890
- 19 Hydrodesulfurization activity of thiophene over NiMo/TiO₂-Al₂O₃ catalysis without presulfiding

WEI Zhaobin, YAN Weihong, ZHANG Hui, REN Tieli, XIN Qin and LI Zhongcheng
Proceedings, 8th Int. Symp. Heterog. Catal.
5-9 October (1996), 499-504
- 20 Interaccion del NO sobre catalizadores de V₂O₅ soportado EN SiO₂, Al₂O₃ Y TiO₂

A Guerrero-Ruiz, D. M. Nevskaja, I. Rodriguez-Ramos, GAO Xingtao, YING Pinliang, XIN Qin
Actas del XV Simposio Iberoamericano de Catal., (1996) 1457-1462
- 21 Preparation of Pd/ceramic composite membrane 1. Improvement of the conventional preparation technique
LI Anwu, XIONG Guoxing, GU Jinghua, ZHENG Lubin
J. Membrane Sci., 110(1996)257-260

- 22 Acid-base properties and the directions of oxidative transformation of methane over nickel-based catalysts
MIAO Qing, XIONG Guoxing, LI Xinsheng, SHENG Shishan and GUO Xiexian
Catalysis Letters, 41(1996) 165-169
- 23 The oxidative transformation of methane over the nickel-based catalysts modified by alkali metal oxide and rare earth metal oxide
MIAO Qing, XIONG Guoxing, SHENG Shishan, CHU Wei and GUO Xiexian
Proceedings, 11th Intern. Congr. On Catal., Stud. in Surf. Sci. Catal., 101(1996)453-462
- 24 Hydrogen desorption of reduced Pt/TiO₂ catalyst
LI Xinsheng, CHEN Yanxin and LI Wenzhao
React. Kinet. Catal. Lett. 58(1996)377-383

二、国内英文刊物

- 01 Preparation, characterization, and catalysis of metal catalysts
XIAO Fengshou and B. C. Gates
Science in China, 39(1996)347-353
- 02 Effects of binders on the production of light alkenes from syngas over K-Fe-Mn/O silicalite-2 catalyst. I. Effect of various binders on CO hydrogenation.
XU Longya, WANG Qingxia, XU Yide, LI Yang, WANG Kaili
Journal of Natural Gas Chemistry, 5(1996) 1-11
- 03 Effects of binders on the production of light alkenes from syngas over K-Fe-Mn/O silicalite-2 catalyst. II. Modification effect of Al₂O₃ binder on CO hydrogenation
XU Longya, WANG Qingxia, XU Yide, LI Yang, WANG Kaili
Journal of Natural Gas Chemistry, 5(1996) 12-21
- 04 The aromatization mechanism of methane over Mo/HZSM-5 zeolite catalysts without using oxidants
XIE Maosong, LI Yang, CHEN Wenheng, TAO Longxiang, WANG Xuelin, XU Guifen, WANG Linsheng, XU Yide, WONG Shetian, GUO Xiexian
Journal of Natural Gas Chemistry, 5(1996) 210-221
- 05 IR studies on surface chemistry of rhodium in hydroformylation catalysts
HUANG Lin, XU Yide
Journal of Natural Gas Chemistry, 5(1996) 237-249
- 06 Catalytic cracking of light alkanes in the presence of O₂ and selective control of olefin products
WANG Linsheng, XU Yide, LI Tao, TAO Longxiang
Journal of Natural Gas Chemistry, 5(1996) 296-305
- 07 A HREELS study of adsorption and decomposition of phenol on Pt(111)
WEI Xuming, WANG Yinsheng, ZHAI Runsheng, ZHUANG Shuxian
Chinese Science Bulletin, 41(1996)1797-1801
- 08 A HREELS study of the interaction of cyclohexanone and phenol with Pt(111) surface
ZHUANG Shuxian, WEI Xuming, WANG Yinsheng and ZHAI Runsheng
Chinese Chemical Letters, 7(1996) 661-662

09 Ni/Mo₂N as a highly active hydrodenitrogenation catalyst

ZHANG Wenyu, WANG Xinping, JIN Hengfang, XIN Qin
Chinese Chemical Letter, 7(1996) 849-852

10 Preparation and characterization of microporous catalytic materials with narrow pore distribution and high dispersed palladium

LI Anwu, XIONG Guoxing, ZHAO Hongbin, GU Jinghua, SHENG Shishan, CUI Wei and ZHENG Lubin
Chinese Chemical Letters, 7(1996) 193-194

11 ISS and AES studies of changes induced on Ni₃Ti(0001) by oxygen exposure

YAO Lijun, XIONG Guoxing, WANG Dezheng, SHENG Shishan, CHEN Hengrong and GUO Xiexian
Chinese Chemical Letters. 7(1996) 497-498

三、国内中文刊物

12 玻璃表面上晶粒择优取向的分子筛膜的合成

程谟杰, 林励吾, 杨亚书, 杨维慎, 徐奕德, 李新生
科学通报, 41 (1996) 897-899

13 高温水蒸气处理对ZnHZSM-5活性中心的影响

程谟杰, 杨亚书
物理化学学报, 8 (1996) 721-725

14 SrO-La₂O₃/CaO催化剂表面的碱性和催化行为 I, CO₂-TPD及进料中CO₂对催化行为的影响

蔡晟, 徐奕德, 余林, 黄家生, 郭燮贤
催化学报, 17 (1996) 16-21

15 SrO-La₂O₃/CaO催化剂表面的碱性和催化行为 II, CO₂同催化剂表面相互作用的红外研究

余林, 徐奕德, 蔡晟, 李新生, 黄家生, 郭燮贤
催化学报, 17 (1996) 22-27

16 无氧存在下Mo/HZSM-5上甲烷脱氢和芳构化

刘薇, 徐奕德, 刘社田, 郭燮贤
催化学报, 17 (1996) 99-100

17 Mo助剂对Rh/SiO₂催化剂上甲醇吸附性能的影响 I, 红外光谱和TPR表征

李光进, 徐奕德
催化学报, 17 (1996) 101-105

18 Mo助剂对Rh/SiO₂催化剂上甲醇吸附性能的影响 II, 程序升温脱附和分解表征

李光进, 徐奕德, 黄家生
催化学报, 17 (1996) 162-165

- 19 Mo/HZSM-5催化剂中Mo与HZSM-5相互作用的²⁷Al MAS NMR研究
徐奕德, 刘薇, 龚鉴卿, 杨年华, 郭燮贤
催化学报, 17 (1996) 187-188
- 20 一种由费-托合成生产低碳烯烃的催化剂
徐龙伢, 王清遐, 徐奕德, 杨力, 黄家生
催化学报, 17 (1996) 397-400
- 21 K⁺-SrO-La₂O₃/ZnO催化剂上甲烷氧化偶联反应 II, 催化剂碱性和氧物种的表征
余林, 徐奕德, 郭燮贤
催化学报, 17 (1996) 502-506
- 22 轻烃在改性ZSM-5催化剂上转化成芳烃与低碳烯烃的选择性控制
王林胜, 徐奕德, 陶龙骧, 刘安明, 李大明,
催化学报, 17 (1996) 526-529
- 23 FT-IR和程序升温热谱技术研究Mo/HZSM-5催化剂的制备过程
舒玉瑛, 徐奕德, 刘社田, 王林胜
催化学报, 17 (1996) 535-539
- 24 K⁺-SrO-La₂O₃/ZnO催化剂上甲烷氧化偶联反应 I, 催化剂活性和 反应气中添加CO₂的影响
余林, 徐奕德, 郭燮贤
催化学报, 17 (1996) 547-550
- 25 临氧条件下的轻烃催化裂化反应研究
王林胜, 徐奕德, 陶龙骧
石油与天然气化工, 25 (1996) 188-189
- 26 用酸、碱性毒物研究Pt/M-L重整催化剂表面活性中心的性质
阮振奎, 胡花云, 徐奕德
石油化工, 25 (1996) 264-266
- 27 ZnHZSM-5在丙烷芳构化反应中的双功能作用
程谟杰, 杨亚书, 王江迈, 李灿
石油化工, 25 (1996) 458-461
- 28 合成气直接制取低碳烯烃的单管扩大实验 III, 催化剂再生性能研究
徐龙伢, 王清遐, 徐奕德, 王开立, 杨力, 王德宝
天然气化工, 21 (1996) 33-35
- 29 煤炭, 石油及天然气资源优化利用催化基础研究的新进展
徐奕德, 郭燮贤, 张慧心
基础研究, 4 (1996) 17-25
- 30 NO催化分解机理的格子模型研究
董峰, 李光进, 徐奕德, 余松华
郑州大学学报 (自然科学版), (1996) 128-129

- 31 酚在Pt (111) 上吸附和分解的HREELS研究
魏绪明, 汪奄生, 翟润生
科学通报, 41 (1996) 903-905
- 32 Nb (110) 表面氧化的高分辨电子能量损失谱研究
汪奄生, 魏绪明, 田志坚, 翟润生, 牛注孝, 佐藤启一, 庄叔贤
科学通报, 41 (1996) 1949-1952
- 33 低温下CO*/CO在PD (111) 上的交换研究
樊太山, 辛梅, 曹玉明, 刘宪春, 翟润生, 郭燮贤, 余长春, 张兵, 沈师孔
科学通报, 41 (1996) 2052-2053
- 34 HREELS study of O₂ and CH₃OH adsorption on niobium(110)
Wang Yinsheng, Wei Xuming, Tian Zhijian, Zhai Runsheng, Takashi Ushikubo, Keichi Sato
催化学报, 17 (1996) 273-274
- 35 介观催化材料的制备表征和催化性能
肖丰收, B. C. Gates
中国科学 (B辑), 26 (1996) 187-192
- 36 γ -Mo₂N催化剂上H₂及NO吸附性质的TPD-MS研究
杨树武, 纪纯新, 徐江, 阎卫宏, 张耀军, 应品良, 辛勤
物理化学学报, 12 (1996) 1084-1089
- 37 Mo₂N的表面性质和加氢脱氮活性
王新平, 张文郁, 任铁力, 金恒芳, 辛勤
物理化学学报, 12 (1996) 513-518
- 27 RhCo双金属催化剂的研究 II, Rh+Co/Al₂O₃上CO吸附态的动态行为与CO歧化
陈耀强, 龚茂初, 曹昭, 周建略, 陈豫, 辛勤, 张慧, 郭燮贤
化学学报, 54 (1996) 661-666
- 28 催化新材料氮化钼和碳化钼的新进展
魏昭彬, 张耀军
化学通报, 2 (1996) 17-19
- 29 WSX/-Al₂O₃加氢脱氮催化剂上的活性氢脱附
王新平, 魏昭彬, 任铁力, 辛勤
催化学报, 17 (1996) 144-148
- 30 SiW₁₂/Al₂O₃的硫化与加氢脱氮活性
王新平, 魏昭彬, 任铁力, 金恒芳, 辛勤
催化学报, 17 (1996) 139-143

- 31 Synthesis and characterization of binary nitrides with high specific surface area
ZHAO Xiuge, ZHANG Yaojun, YAN Weihong, GAO Xiuying, WEI Zhaobin and XIN Qin
催化学报, 17 (1996) 487-488
- 32 CoAPSO-34分子筛的合成与性能
何长青, 刘中民, 杨立新, 蔡光宇, 辛勤, 应品良
催化学报, 17 (1996) 291-295
- 33 $\text{MoO}_3/(\text{TiO}_2\text{-Al}_2\text{O}_3)$ 催化剂的表面分散状态及催化性能的研究
周振华, 阎卫宏, 张耀军, 魏昭彬, 邓存, 辛勤
分子催化, 10 (1996) 207-212
- 34 SAPO-34分子筛表面酸性质的研究
何长青, 刘中民, 蔡光宇, 辛勤, 应品良
分子催化, 10 (1996) 50-54
- 35 $\text{SiW}_{12}/\text{Al}_2\text{O}_3$ 为前身态的加氢脱氮催化剂研究
王新平, 辛勤, 魏昭彬, 应品良
燃料化学学报, 24 (1996) 214-218
- 36 钨基加氢脱氮催化剂载体与活性前身物的作用
王新平, 石雷, 任铁力, 魏昭彬, 辛勤
燃料化学学报, 24 (1996) 291-295
- 37 微量水对Pt-Re/ Al_2O_3 重整催化剂还原的影响 I, 红外光谱表征结果
胡勇仁, 张兰新, 赵仁殿, 辛勤, 应品良
石油学报(石油加工), 12 (1996) 23-32
- 38 Mo_2N 催化剂加氢脱硫性能的研究
周振华, 张耀军, 阎卫宏, 魏昭彬, 邓存, 辛勤
石油化工, 25 (1996) 689-692
- 39 利用TPR方法研究 WO_3 、 $\text{TiO}_2\text{-Al}_2\text{O}_3$ 催化剂的还原过程
纪纯新, 魏昭彬, 辛勤
石油化工, 25 (1996) 5-9
- 40 新一代加氢脱硫催化剂的研究现状
张耀军, 辛勤
天然气化工增刊-气体净化专集, (1996) 1-5
- 41 $\gamma\text{-Al}_2\text{O}_3$ 复合膜的制备及顶膜完整性检验
李安武, 赵宏宾, 谷景华, 熊国兴
中国科学(B辑), 26 (1996) 503-508

- 42 Sm/Ni模型催化剂的研究
I. Sm膜及Sm/Ni表面合金的生成与结构
庄叔贤, 朱俊发, 姚丽君, 盛世善, 朱晓雷, 熊国兴
化学物理, 9 (1996) 351-354
- 43 Sm/Ni模型催化剂的研究
II. 表面氧化和氧化膜的性质
庄叔贤, 朱俊发, 姚丽君, 盛世善, 朱晓雷, 熊国兴
化学物理, 9 (1996) 355-359
- 44 Sm/Ni模型催化剂的研究
III. 与氢的相互作用
庄叔贤, 朱俊发, 姚丽君, 盛世善, 朱晓雷, 熊国兴
化学物理, 9 (1996) 460-463
- 45 Sm/Ni模型催化剂的研究IV. 与CO的相互作用
庄叔贤, 朱俊发, 姚丽君, 盛世善, 朱晓雷, 熊国兴
化学物理, 9 (1996) 533-536
- 46 Acid-base properties and oxidation of methane over LiNiLaOx catalysts
MIAO Qing, XIONG Guoxing, LI Kinsheng, CHU Wei, SHENG Shishan, CUI Wei, GUO Xiexian
催化学报, 17 (1996) 371-374
- 47 The preparation and characterization of Sm/Ni model planar catalysts
YAO Lijun, SHENG Shishan, ZHU Xiaolei, XIONG Guoxing, ZHUANG Shuxian, ZHU Junfa
催化学报, 17 (1996) 179-180
- 48 Improvement of propane dehydrogenation with thin Palladium-ceramic composite membrane
LI Anwu, ZAO Hongbin, XIONG Guoxing, GU Jinghua, ZHENG Lubin
催化学报, 17 (1996) 181-182
- 49 Inorganic membrane-based route to the synthesis of nano-partical palladium
ZAO Hongbin, LI Anwu, GU Jinghua, XIONG Guoxing
催化学报, 17 (1996) 263-264
- 50 Adsorption of hydrogen on Sm/Ni model catalysts
SHENG Shishan, YAO Lijun, ZHU Xiaolei, XIONG Guoxing, ZHUANG Shuxian, ZHU Junfa
催化学报, 17 (1996) 265-266
- 51 Adsorption of CO on Sm/Ni model catalysts
SHENG Shishan, YAO Lijun, ZHU Xiaolei, XIONG Guoxing, ZHUANG Shuxian, ZHU Junfa
催化学报, 17 (1996) 267-268
- 52 Studies on the alcohol chain growth and influence of cobalt additive
CHU Wei, XIONG Guoxing
催化学报, 17 (1996) 362-365
- 53 The transport property of hydrogen through Palladium impregnated γ -Al₂O₃ membrane
ZHAO Hongbin, LI Anwu, GU Jinghua, XIONG Guoxing

催化学报, 17 (1996) 483-484

- 54 膜反应器中环己烷的脱氢
李安武, 李玉珊, 王公慰, 熊国兴
石油化工, 25 (1996) 608-611