大连化物所科技论文奖励申报表

（百次引用论文奖）

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| --- | --- | --- | --- | --- | --- |
| **论文题目** | Complete oxidation of formaldehyde over Ag/MnOx-CeO2 catalysts | | | | |
| **作者（英文）** | [Tang, XF](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Tang,%20XF&dais_id=1390236&excludeEventConfig=ExcludeIfFromFullRecPage)(Tang, XF);[Chen, JL](http://apps.webofknowledge.com/OneClickSearch.do?product=WOS&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=WOS&SID=N1djmCWhLYbcHoODFVs&field=AU&value=Chen,%20JL)(Chen, JL);[Li, YG](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Li,%20YG&dais_id=15836097&excludeEventConfig=ExcludeIfFromFullRecPage)(Li, YG);[Li, Y](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Li,%20Y&dais_id=15836097&excludeEventConfig=ExcludeIfFromFullRecPage)(Li, Y);[Xu, YD](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Xu,%20YD&dais_id=972117&excludeEventConfig=ExcludeIfFromFullRecPage)(Xu, YD);[Shen, WJ](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Shen,%20WJ&dais_id=1360253&excludeEventConfig=ExcludeIfFromFullRecPage)(Shen, WJ) | | | | |
| **作者（中文）** | 唐幸福，陈俊利，李永刚，李勇，徐奕德，申文杰 | | | | |
| **期刊名称** | CHEMICAL ENGINEERING JOURNAL | | | | |
| **发表日期** | MAY 1 2006 | **卷** | 118 | **起止页码** | 119-125 |
| **总引用次数** | 103 | | | **他引次数** | 101 |
| **填表人** | 我保证填写内容的真实性，若填报失实和违反管理办法，本人将承担相关责任。  **签字 年 月 日** | | | | |
| **通讯作者** | 我保证申报内容的真实性，若填报失实和违反管理办法，本人将承担相关责任。  **签字 年 月 日** | | | | |
| **研究组长** | 我已按管理办法和申报说明对申报内容进行了审核，保证申报内容的真实性，若填报失实和违反管理办法，本人将承担全部责任。  **签字 年 月 日** | | | | |

说明：1、申请本年度百次引用论文奖的论文发表时间为2006-2015年；2、引用检索数库为Web of Science数据库核心合集的SCI-E，他引次数须超过100次；3、引用数据检索截止时间为2015年12月31日；4、他引：是指剔除了申报奖励论文（即被引用论文）所有作者的全部引用文献。例：某篇申报奖励论文有作者a、b、c、d、e，他引是指引用此篇论文的所有文献作者中，不能有a、b、c、d、e的任何一位。

百次引用论文奖引用论文清单

（他引）

**一、引用论文第一产权单位为国外机构**

第 1 条，共31条

标题:The antimicrobial efficiency of silver activated sorbents

作者: Dolic, Maja B.; Rajakovic-Ognjanovic, Vladana N.; Strbac, Svetlana B.; 等.

来源出版物:APPLIED SURFACE SCIENCE卷: 357页: 819-831出版年: DEC 1 2015

第2条，共31条

标题:Ceria based novel nanocomposites catalysts MnxCe1-xO2/alpha-Al2O3 for low-temperature combustion of methanol

作者: Chojnacka, A.; Molenda, M.; Chmielarz, L.; 等.

来源出版物:CATALYSIS TODAY卷: 257页: 104-110出版年: NOV 15 2015

第 3条，共31条

标题:Silver/ion exchanger nanocomposites as low-temperature redox-catalysts for methanal oxidation

作者: Sakardina, Ekaterina A.; Kravchenko, Tamara A.; Zolotukhina, Ekaterina V.; 等.

来源出版物:ELECTROCHIMICA ACTA卷: 179页: 364-371出版年: OCT 10 2015

第4条，共31条

标题:Catalytic activity of silver-ion exchanger nanocomposites in methanal oxidation reaction with molecular oxygen

作者: Sakardina, E. A.; Kravchenko, T. A.; Kalinichev, A. I.; 等.

来源出版物:DOKLADY PHYSICAL CHEMISTRY卷: 464页: 202-205出版年: SEP 2015

第5条，共31条

标题:New Nanosilver/Ceria Catalyst for Atmospheric Pollution Treatment

作者: Benaissa, S.; Cherif-Aouali, L.; Siffert, S.; 等.

来源出版物:NANO卷: 10文献号: 1550043出版年: APR 2015

第6条，共31条

标题:Total Oxidation of Formaldehyde over MnOx-CeO2 Catalysts: The Effect of Acid Treatment

作者: Quiroz, Jhon; Giraudon, Jean-Marc; Gervasini, Antonella; 等.

来源出版物:ACS CATALYSIS卷: 5页: 2260-2269出版年: APR 2015

第7条，共31条

标题:Removal of ethylene from air stream by adsorption and plasma-catalytic oxidation using silver-based bimetallic catalysts supported on zeolite

作者: Quang Hung Trinh; Lee, Sang Baek; Mok, Young Sun

来源出版物:JOURNAL OF HAZARDOUS MATERIALS卷: 285页: 525-534出版年: MAR 21 2015

第8条，共31条

标题:A study of the temperature effect on Hantzsch reaction selectivity using Mn and Ce oxides under solvent-free conditions

作者: D'Alessandro, Oriana; Sathicq, Angel G.; Sambeth, Jorge E.; 等.

来源出版物:CATALYSIS COMMUNICATIONS卷: 60页: 65-69出版年: FEB 5 2015

第9条，共31条

标题:Nanostructured manganese doped ceria solid solutions for CO oxidation at lower temperatures

作者: Venkataswamy, Perala; Rao, Komateedi N.; Jampaiah, Deshetti; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 162页: 122-132出版年: JAN 2015

第 10条，共31条

标题:Physicochemical characterization and catalytic performance of 10% Ag/CeO2 catalysts prepared by impregnation and deposition-precipitation

作者: Skaf, Mira; Aouad, Samer; Hany, Sara; 等.

来源出版物:JOURNAL OF CATALYSIS卷: 320页: 137-146出版年: DEC 2014

第11 条，共31条

标题:Removal of phenol from aqueous solutions by adsorption onto Mn-Ce-K solids

作者: D'Alessandro, Oriana; Thomas, Horacio; Sambeth, Jorge E.

来源出版物:REACTION KINETICS MECHANISMS AND CATALYSIS卷: 113页: 257-267出版年: OCT 2014

第 12条，共31条

标题:Mn-analcime: Synthesis, characterization and application to cyclohexene oxidation

作者: Bejar, Amal; Ben Chaabene, Semy; Jaber, Maguy; 等.

来源出版物:MICROPOROUS AND MESOPOROUS MATERIALS卷: 196页: 158-164出版年: SEP 15 2014

第 13条，共31条

标题:Multipurpose composite MnCeOx catalysts for environmental applications

作者: Arena, Francesco

来源出版物:CATALYSIS SCIENCE & TECHNOLOGY卷: 4页: 1890-1898出版年: 2014

第 14条，共31条

标题:Dynamic mathematical models for biodegradation of formaldehyde by Ralstoniaeutropha in a batch bioreactor

作者: Habibi, Alireza; Vahabzadeh, Farzaneh; Zaiat, Marcelo

来源出版物:JOURNAL OF ENVIRONMENTAL MANAGEMENT卷: 129页: 548-554出版年: NOV 15 2013

第 15条，共31条

标题:Silica-supported silver catalysts modified by cerium/manganese oxides for total oxidation of formaldehyde

作者: Kharlamova, Tamara; Mamontov, Grigory; Salaev, Mikhail; 等.

来源出版物:APPLIED CATALYSIS A-GENERAL卷: 467页: 519-529出版年: OCT 2 2013

第 16条，共31条

标题:Influence of silver on the catalytic properties of the cryptomelane and Ag-hollandite types manganese oxides OMS-2 in the low-temperature CO oxidation

作者: Ozacar, Mahmut; Poyraz, Altug S.; Genuino, Homer C.; 等.

来源出版物:APPLIED CATALYSIS A-GENERAL卷: 462页: 64-74出版年: JUL 10 2013

第 17条，共31条

标题:Effect of transition metal oxide additives on the activity of an Ag/SiO2 catalyst in carbon monoxide oxidation

作者: Mamontov, G. V.; Dutov, V. V.; Sobolev, V. I.; 等.

来源出版物:KINETICS AND CATALYSIS卷: 54页: 487-491出版年: JUL 2013

第 18条，共31条

标题:Electrodeposited nanostructured Pt-Ru co-catalyst on graphene for the electrocatalytic oxidation of formaldehyde

作者: Hassan, Hagar K.; Atta, Nada F.; Galal, Ahmed

来源出版物:JOURNAL OF SOLID STATE ELECTROCHEMISTRY卷: 17页: 1717-1727出版年: JUN 2013

第 19条，共31条

标题:Formaldehyde: Catalytic Oxidation as a Promising Soft Way of Elimination

作者: Torres, Jhon Quiroz; Royer, Sebastien; Bellat, Jean-Pierre; 等.

来源出版物:CHEMSUSCHEM卷: 6页: 578-592出版年: APR 2013

第20条，共31条

标题:An analysis of the first steps of phenol adsorption-oxidation over coprecipitatedMn-Ce catalysts: a DRIFTS study

作者: D'alessandro, Oriana; Thomas, Horacio J.; Sambeth, Jorge E.

来源出版物:REACTION KINETICS MECHANISMS AND CATALYSIS卷: 107页: 295-309出版年: DEC 2012

第21 条，共31条

标题:Supported gold catalysts for the total oxidation of volatile organic compounds

作者: Scire, Salvatore; Liotta, Leonarda Francesca

APPLIED CATALYSIS B-ENVIRONMENTAL卷: 125页: 222-246出版年: AUG 21 2012

第22条，共31条

标题:Oxidation of formaldehyde over Pd/Beta catalyst

作者: Park, Sang Jun; Bae, Inkwon; Nam, In-Sik; 等.

来源出版物:CHEMICAL ENGINEERING JOURNAL卷: 195页: 392-402出版年: JUL 1 2012

第23条，共31条

标题:Evaluation of compost and a mixture of compost and activated carbon as biofilter media for the treatment of indoor air pollution

作者: Ondarts, M.; Hort, C.; Sochard, S.; 等.

来源出版物:ENVIRONMENTAL TECHNOLOGY卷: 33页: 273-284出版年: 2012

第24条，共31条

标题:Synthesis and characterization of bovine femur bone hydroxyapatite containing silver nanoparticles for the biomedical applications

作者: Nirmala, R.; Sheikh, Faheem A.; Kanjwal, Muzafar A.; 等.

来源出版物:JOURNAL OF NANOPARTICLE RESEARCH卷: 13页: 1917-1927出版年: MAY 2011

第25条，共31条

标题:Effect of Mn content on physical properties of CeOx-MnOy support and BaO-CeOx-MnOy catalysts for direct NO decomposition

作者: Hong, Won-Jong; Iwamoto, Shinji; Hosokawa, Saburo; 等.

来源出版物:JOURNAL OF CATALYSIS卷: 277页: 208-216出版年: JAN 24 2011

第26条，共31条

标题:Ag Adsorption on Reduced CeO2(111) Thin Films

作者: Farmer, Jason A.; Baricuatro, Jack.H.; Campbell, Charles T.

来源出版物:JOURNAL OF PHYSICAL CHEMISTRY C卷: 114页: 17166-17172出版年: OCT 14 2010

第27条，共31条

标题:Complete oxidation of acetaldehyde on Pt/CeO2-ZrO2-Bi2O3 catalysts

作者: Yasuda, K.; Nobu, M.; Masui, T.; 等.

来源出版物:MATERIALS RESEARCH BULLETIN卷: 45页: 1278-1282出版年: SEP 2010

第28条，共31条

标题:DFT Analysis of the Reaction Paths of Formaldehyde Decomposition on Silver

作者: Montoya, Alejandro; Haynes, Brian S.

来源出版物:JOURNAL OF PHYSICAL CHEMISTRY A卷: 113页: 8125-8131出版年: JUL 16 2009

第29条，共31条

标题:Antibacterial activity of montmorillonites modified with silver

作者: Magana, S. M.; Quintana, P.; Aguilar, D. H.; 等.

会议: 4th San Luis Symposium on Surfaces, Interfaces and Catalysis 会议地点: Pan-AmerAdv Studies Inst, Cuernavaca, MEXICO 会议日期: APR 14-23, 2007

会议赞助商: State Luis; Argentinean NatlGovt

来源出版物:JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷: 281页: 192-199出版年: FEB 18 2008

第30条，共31条

标题:Low-temperature redox activity of Ce0.64Zr0.16Bi0.20O1.90/gamma-Al2O3 and Ag/Ce0.64Zr0.16Bi0.20O1.90/gamma-Al2O3 catalysts

作者: Masui, Toshiyuki; Koyabu, Kazuhiko; Minami, Keisuke; 等.

来源出版物:JOURNAL OF PHYSICAL CHEMISTRY C卷: 111页: 13892-13897出版年: SEP 20 2007

第31条，共31条

标题:Formaldehyde degradation by Ralstoniaeutropha in an immobilized cell bioreactor

作者: Habibi, Alireza; Vahabzadeh, Farzaneh

来源出版物:JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING卷: 48页: 1557-1572出版年: OCT 15 2013

**二、引用论文第一产权单位为国内机构**

第 1 条，共70条

标题:NaOH-embedded three-dimensional porous boron nitride for efficient formaldehyde removal

作者: Li, Jie; Jia, Huichao; Ding, Yushi; 等.

来源出版物:NANOTECHNOLOGY卷: 26期: 47文献号: 475704出版年: NOV 27 2015

第2条，共70条

标题:Room-Temperature Oxidation of Formaldehyde by Layered Manganese Oxide: Effect of Water

作者: Wang, Jinlong; Zhang, Pengyi; Li, Jinge; 等.

来源出版物:ENVIRONMENTAL SCIENCE & TECHNOLOGY卷: 49页: 12372-12379出版年: OCT 20 2015

第3条，共70条

标题:Effect of Support on the Activity of Ag-based Catalysts for Formaldehyde Oxidation

作者: Zhang, Jianghao; Li, Yaobin; Zhang, Yan; 等.

来源出版物:SCIENTIFIC REPORTS卷: 5文献号: 12950出版年: AUG 11 2015

第4条，共70条

标题:Fabrication and Performance of Noble Metal Promoted Birnessite Catalysts for Complete Oxidation of Formaldehyde at Low Temperatures

作者: Liu, Linlin; Tian, Hua; He, Junhui; 等.

来源出版物:JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷: 15页: 2887-2895 出版年: APR 2015

第5条，共70条

标题:A novel biomass assisted synthesis of Au-SrTiO3 as a catalyst for direct hydrogen generation from formaldehyde aqueous solution at low temperature

作者: Pan, Xinwei; Wang, Liqing; Ling, Feng; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 40页: 1752-1759出版年: JAN 30 2015

第6条，共70条

标题:Low temperature catalytic oxidation of volatile organic compounds: a review

作者: Huang, Haibao; Xu, Ying; Feng, Qiuyu; 等.

来源出版物:CATALYSIS SCIENCE & TECHNOLOGY卷: 5页: 2649-2669出版年: 2015

第7条，共70条

标题:Catalytic oxidation of formaldehyde over manganese oxides with different crystal structures

作者: Zhang, Jianghao; Li, Yaobin; Wang, Lian; 等.

来源出版物:CATALYSIS SCIENCE & TECHNOLOGY卷: 5页: 2305-2313出版年: 2015

第8条，共70条

标题:Enhanced catalytic activity of hierarchically macro-/mesoporousPt/TiO2 toward room-temperature decomposition of formaldehyde

作者: Qi, Lifang; Ho, Wingkei; Wang, Jinlong; 等.

来源出版物:CATALYSIS SCIENCE & TECHNOLOGY卷: 5页: 2366-2377出版年: 2015

第9条，共70条

标题:Three-dimensional TiO2/CeO2 nanowire composite for efficient formaldehyde oxidation at low temperature

作者: Huang, Yongchao; Li, Haibo; Balogun, Muhammad-Sadeeq; 等.

来源出版物:RSC ADVANCES卷: 5页: 7729-7733出版年: 2015

第 10条，共70条

标题:Removal of formaldehyde over MnxCe1-xO2 catalysts: Thermal catalytic oxidation versus ozone catalytic oxidation

作者: Li, Jia Wei; Pan, KuanLun; Yu, Sheng Jen; 等.

来源出版物:JOURNAL OF ENVIRONMENTAL SCIENCES-CHINA卷: 26页: 2546-2553出版年: DEC 1 2014

第 11条，共70条

标题:Formaldehyde catalytic oxidation over hydroxyapatite modified with various organic molecules

作者: Sun, Yahui; Qu, Zhenping; Chen, Dan; 等.

来源出版物:CHINESE JOURNAL OF CATALYSIS卷: 35页: 1927-1936出版年: DEC 2014

第 12条，共70条

标题:Possible sites of copper located on hydroxyapatite structure and the identification of active sites for formaldehyde oxidation

作者: Qu, Zhenping; Sun, Yahui; Chen, Dan; 等.

来源出版物:JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷: 393页: 182-190出版年: NOV 1 2014

第 13条，共70条

标题:The antibacterial activity and mechanism of mussel shell waste derived material

作者: Li, Mei; Yao, Zhitong T.; Chen, Tao; 等.

来源出版物:POWDER TECHNOLOGY卷: 264页: 577-582出版年: SEP 2014

第 14条，共70条

标题:Enhanced formaldehyde oxidation on Pt/MnO2 catalysts modified with alkali metal salts

作者: Chen, Ying; He, Junhui; Tian, Hua; 等.

来源出版物:JOURNAL OF COLLOID AND INTERFACE SCIENCE卷: 428页: 1-7出版年: AUG 15 2014

第 15条，共70条

标题:Positive Effects of K+ Ions on Three-Dimensional Mesoporous Ag/Co3O4 Catalyst for HCHO Oxidation

作者: Bai, Bingyang; Li, Junhua

来源出版物:ACS CATALYSIS卷: 4页: 2753-2762出版年: AUG 2014

第 16条，共70条

标题:Morphology-dependent bactericidal activities of Ag/CeO2 catalysts against Escherichia coli

作者: Wang, Lian; He, Hong; Yu, Yunbo; 等.

来源出版物:JOURNAL OF INORGANIC BIOCHEMISTRY卷: 135页: 45-53出版年: JUN 2014

第 17条，共70条

标题:Catalytic removal of benzene over CeO2-MnO (x) composite oxides with rod-like morphology supporting PdO

作者: Wang, Zhen; Yang, Min; Shen, Genli; 等.

来源出版物:JOURNAL OF NANOPARTICLE RESEARCH卷: 16期: 5文献号: 2367出版年: APR 6 2014

第 18条，共70条

标题:Influence of the pore structure of CeO2 supports on the surface texture and catalytic activity for CO oxidation

作者: Su, Yunfei; Tang, Zhicheng; Han, Weiliang; 等.

来源出版物:CRYSTENGCOMM卷: 16页: 5189-5197出版年: 2014

第 19条，共70条

标题:Preparation, characterization, and antibacterial activity of shell waste loaded with silver

作者: Yao, Z. T.; Chen, T.; Li, H. Y.; 等.

来源出版物:JOURNAL OF MATERIALS SCIENCE卷: 48页: 8580-8587出版年: DEC 2013

第20条，共70条

标题:Catalytic oxidation of formaldehyde over PtiFe(2)O(3) catalysts prepared by different method

作者: An, Nihong; Wu, Ping; Li, Suying; 等.

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY卷: 5页: 2305-2313出版年: 2015

第21 条，共70条

标题:Investigation of CO and formaldehyde oxidation over mesoporous Ag/Co3O4 catalysts

作者: Yu, Fangli; Qu, Zhenping; Zhang, Xiaodong; 等.

来源出版物:JOURNAL OF ENERGY CHEMISTRY卷: 22页: 845-852出版年: NOV 2013

第22条，共70条

标题:Catalytic oxidation of toluene over nanorod-structured Mn-Ce mixed oxides

作者: Liao, Yinnian; Fu, Mingli; Chen, Limin; 等.

来源出版物:CATALYSIS TODAY卷: 216页: 220-228出版年: NOV 1 2013

第23条，共70条

标题:Comparison of the performance for oxidation of formaldehyde on nano-Co3O4, 2D-Co3O4, and 3D-Co3O4 catalysts

作者: Bai, Bingyang; Arandiyan, Hamidreza; Li, Junhua

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 142页: 677-683出版年: OCT-NOV 2013

第24条，共70条

标题:Identification of reaction intermediates and mechanism responsible for highly active HCHO oxidation on Ag/MCM-41 catalysts

作者: Chen, Dan; Qu, Zhenping; Sun, Yahui; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 142页: 838-848出版年: OCT-NOV 2013

第25条，共70条

标题:NaOH-Modified Ceramic Honeycomb with Enhanced Formaldehyde Adsorption and Removal Performance

作者: Yu, Jiaguo; Li, Xinyang; Xu, Zhihua; 等.

来源出版物:ENVIRONMENTAL SCIENCE & TECHNOLOGY卷: 47页: 9928-9933出版年: SEP 3 2013

第26条，共70条

标题:Support effects on the structure and catalytic activity of mesoporous Ag/CeO2 catalysts for CO oxidation

作者: Qu, Zhenping; Yu, Fangli; Zhang, Xiaodong; 等.

来源出版物:CHEMICAL ENGINEERING JOURNAL卷: 229页: 522-532出版年: AUG 1 2013

第27条，共70条

标题:Preparation of Au0.5Pt0.5/MnO2/cotton catalysts for decomposition of formaldehyde

作者: Yu, Xuehua; He, Junhui; Wang, Donghui; 等.

来源出版物:JOURNAL OF NANOPARTICLE RESEARCH卷: 15期: 8文献号: UNSP 1832出版年: AUG 2013

第28条，共70条

标题:Catalytic oxidation of benzene over Ce-Mn oxides synthesized by flame spray pyrolysis

作者: Liu, Gang; Yue, Renliang; Jia, Yi; 等.

来源出版物:PARTICUOLOGY卷: 11页: 454-459出版年: AUG 2013

第29条，共70条

标题:Catalytic removal of benzene over CeO2-MnOx composite oxides prepared by hydrothermal method

作者: Wang, Zhen; Shen, Genli; Li, Jiaqi; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 138页: 253-259出版年: JUL 17 2013

第30条，共70条

标题:Nanoparticulate Mn0.3Ce0.7O2: a novel electrocatalyst with improved power performance for metal/air batteries

作者: Tang, Yougen; Qiao, Hang; Wang, Haiyan; 等.

来源出版物:JOURNAL OF MATERIALS CHEMISTRY A卷: 1页: 12512-12518出版年: 2013

第31条，共70条

标题:Removal of Formaldehyde Using Highly Active Pt/TiO2 Catalysts without Irradiation

作者: Huang, Haibao; Huang, Huiling; Hu, Peng; 等.

来源出版物:INTERNATIONAL JOURNAL OF PHOTOENERGY文献号: 350570出版年: 2013

第32条，共70条

标题:Effects of textural parameters and noble metal loading on the catalytic activity of cryptomelane-type manganese oxides for formaldehyde oxidation

作者: Tian, Hua; He, Junhui; Liu, Linlin; 等.

来源出版物:CERAMICS INTERNATIONAL卷: 39页: 315-321出版年: JAN 2013

第33条，共70条

标题:The effect of Ag as a promoter for Ru/CeO2 catalysts in ammonia synthesis

作者: Lin, Jianxin; Zhang, Liuming; Wang, Ziqing; 等.

来源出版物:JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷: 366页: 375-379出版年: JAN 2013

第34条，共70条

标题:Au-Pt bimetallic nanoparticles supported on nest-like MnO2: synthesis and application in HCHO decomposition

作者: Yu, Xuehua; He, Junhui; Wang, Donghui; 等.

来源出版物:JOURNAL OF NANOPARTICLE RESEARCH卷: 14文献号: 1260出版年: NOV 2012

第35条，共70条

标题:Three-dimensionally ordered macroporous Au/CeO2-Co3O4 catalysts with nanoporous walls for enhanced catalytic oxidation of formaldehyde

作者: Liu, Baocang; Liu, Yang; Li, Changyan; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 127页: 47-58出版年: OCT 30 2012

第36条，共70条

标题:Shape-dependent interplay between oxygen vacancies and Ag-CeO2 interaction in Ag/CeO2 catalysts and their influence on the catalytic activity

作者: Chang, Sujie; Li, Mo; Hua, Qing; 等.

来源出版物:JOURNAL OF CATALYSIS卷: 293页: 195-204出版年: SEP 2012

第37条，共70条

标题:Catalytic formaldehyde removal by "storage-oxidation" cycling process over supported silver catalysts

作者: Shi, Chuan; Chen, Bing-bing; Li, Xiao-song; 等.

来源出版物:CHEMICAL ENGINEERING JOURNAL卷: 200页: 729-737出版年: AUG 15 2012

第38条，共70条

标题:Effects of Ag on Performance of Methanol Oxidation over Pd/CeO2-ZrO2-La2O3-Al2O3

作者: Zhang Xue-Qiao; Wang Shi-Dan; XinXin; 等.

来源出版物:CHINESE JOURNAL OF INORGANIC CHEMISTRY卷: 28页: 1563-1569出版年: AUG 2012

第39条，共70条

标题:Synthesis, characterization and antibacterial property of Ag/mesoporous CeO2 nanocomposite material

作者: Lu Xiao-wang; Qian Jun-chao; Chen Feng; 等.

来源出版物:TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA卷: 22页: 1418-1422出版年: JUN 2012

第40条，共70条

标题:Formaldehyde oxidation on the Pt/TiO2(101) surface: A DFT investigation

作者: Li, Shaoren; Lu, Xiaoqing; Guo, Wenyue; 等.

来源出版物:JOURNAL OF ORGANOMETALLIC CHEMISTRY卷: 704页: 38-48出版年: MAY 1 2012

第41 条，共70条

标题:Highly active Ag/SBA-15 catalyst using post-grafting method for formaldehyde oxidation

作者: Qu, Zhenping; Shen, Shijin; Chen, Dan; 等.

来源出版物:JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷: 356页: 171-177出版年: APR 2012

第42条，共70条

标题:EFFECT OF PREPARATION METHODS OF CeO2-MnOx MIXED OXIDES ON PREFERENTIAL OXIDATION OF CO IN H-2-RICH GASES OVER CuO-BASED CATALYSTS

作者: Gong, Lei; Luo, Lai-Tao; Wang, Rui; 等.

来源出版物:JOURNAL OF THE CHILEAN CHEMICAL SOCIETY卷: 57页: 1048-1053出版年: MAR 2012

第43条，共70条

标题:Investigation of catalytic mechanism of formaldehyde oxidation over three-dimensionally ordered macroporous Au/CeO2 catalyst

作者: Liu, Baocang; Li, Changyan; Zhang, Yifei; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 111页: 467-475出版年: JAN 12 2012

第44条，共70条

标题:Facile Controlled Synthesis of Pt/MnO2 Nanostructured Catalysts and Their Catalytic Performance for Oxidative Decomposition of Formaldehyde

作者: Yu, Xuehua; He, Junhui; Wang, Donghui; 等.

来源出版物:JOURNAL OF PHYSICAL CHEMISTRY C卷: 116页: 851-860出版年: JAN 12 2012

第45条，共70条

标题:Alkali-Metal-Promoted Pt/TiO2 Opens a More Efficient Pathway to Formaldehyde Oxidation at Ambient Temperatures

作者: Zhang, Changbin; Liu, Fudong; Zhai, Yanping; 等.

来源出版物:ANGEWANDTE CHEMIE-INTERNATIONAL EDITION卷: 51页: 9628-9632出版年: 2012

第46条，共70条

标题:Preparation of birnessite-supported Pt nanoparticles and their application in catalytic oxidation of formaldehyde

作者: Liu, Linlin; Tian, Hua; He, Junhui; 等.

来源出版物:JOURNAL OF ENVIRONMENTAL SCIENCES卷: 24页: 1117-1124出版年: 2012

第47条，共70条

标题:The roles of various plasma species in the plasma and plasma-catalytic removal of low-concentration formaldehyde in air

作者: Fan, Xing; Zhu, Tianle; Sun, Yifei; 等.

来源出版物:JOURNAL OF HAZARDOUS MATERIALS卷: 196页: 380-385出版年: NOV 30 2011

第48条，共70条

标题:Comparative studies of silver based catalysts supported on different supports for the oxidation of formaldehyde

作者: Chen, Dan; Qu, Zhenping; Shen, Shijin; 等.

来源出版物:CATALYSIS TODAY卷: 175页: 338-345出版年: OCT 25 2011

第49条，共70条

标题:Nanosized Ag/alpha-MnO2 catalysts highly active for the low-temperature oxidation of carbon monoxide and benzene

作者: Ye, Qing; Zhao, Jiansheng; Huo, Feifei; 等.

来源出版物:CATALYSIS TODAY卷: 175页: 603-609出版年: OCT 25 2011

第50条，共70条

标题:Pd catalysts supported on MnCeOx mixed oxides and their catalytic application in solvent-free aerobic oxidation of benzyl alcohol: Support composition and structure sensitivity

作者: Chen, Yuanting; Zheng, Huijian; Guo, Zhen; 等.

来源出版物:JOURNAL OF CATALYSIS卷: 283页: 34-44出版年: OCT 6 2011

第51 条，共70条

标题:Critical review of catalytic oxidization and chemisorption methods for indoor formaldehyde removal

作者: Pei, Jingjing; Zhang, Jianshun S.

来源出版物:HVAC&R RESEARCH卷: 17页: 476-503出版年: AUG 2011

第52条，共70条

标题:Research Progress of Nanostructured Materials for Heterogeneous Catalysis

作者: Yu, Xuehua; Hu, Yucai; Zhou, Li; 等.

来源出版物:CURRENT NANOSCIENCE卷: 7期: 4页: 576-586出版年: AUG 2011

第53条，共70条

标题:Removal of low-concentration formaldehyde in air by DC corona discharge plasma

作者: Wan, Yajuan; Fan, Xing; Zhu, Tianle

来源出版物:CHEMICAL ENGINEERING JOURNAL卷: 171页: 314-319出版年: JUN 15 2011

第54条，共70条

标题:Complete elimination of indoor formaldehyde over supported Pt catalysts with extremely low Pt content at ambient temperature

作者: Huang, Haibao; Leung, Dennis Y. C.

来源出版物:JOURNAL OF CATALYSIS 卷: 280页: 60-67出版年: MAY 16 2011

第55条，共70条

标题:TPD and TPSR studies of formaldehyde adsorption and surface reaction activity over Ag/MCM-41 catalysts

作者: Chen, Dan; Qu, Zhenping; Zhang, Weiwei; 等.

会议: 6th International Conference on Interfaces Against Pollution (IAP 2010) 会议地点: Beijing, PEOPLES R CHINA 会议日期: MAY 16-19, 2010

会议赞助商: Res Ctr Eco-EnvironmSci; Chinese AcadSci; IntAssoc Colloid & Interface Scientists; Natl Nat SciFdn China; Chinese AcadSci

来源出版物:COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS卷: 379 期: 1-3页: 136-142出版年: APR 20 2011

第56条，共70条

标题:Investigation of Formaldehyde Oxidation over Co3O4-CeO2 and Au/Co3O4-CeO2 Catalysts at Room Temperature: Effective Removal and Determination of Reaction Mechanism

作者: Ma, Chunyan; Wang, Donghui; Xue, Wenjuan; 等.

来源出版物:ENVIRONMENTAL SCIENCE & TECHNOLOGY卷: 45页: 3628-3634出版年: APR 15 2011

第57条，共70条

标题:Efficient low-temperature catalytic combustion of trichloroethylene over flower-like mesoporousMn-doped CeO2 microspheres

作者: Li, Hongfeng; Lu, Guanzhong; Dai, Qiguang; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 102页: 475-483出版年: FEB 22 2011

第58条，共70条

标题:Facile synthesis of porous manganese oxide K-OMS-2 materials and their catalytic activity for formaldehyde oxidation

作者: Tian, Hua; He, Junhui; Zhang, Xiaodan; 等.

来源出版物:MICROPOROUS AND MESOPOROUS MATERIALS卷: 138页: 118-122出版年: FEB 2011

第59条，共70条

标题:Formaldehyde Removal from Air by a Biodegradation System

作者: Xu, Zhongjun; Hou, Haiping

来源出版物:BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY卷: 85页: 28-31出版年: JUL 2010

第60条，共70条

标题:A density functional theory study of formaldehyde adsorption and oxidation on CeO2(111) surface

作者: Teng, Bo-Tao; Jiang, Shi-Yu; Yang, Zong-Xian; 等.

来源出版物:SURFACE SCIENCE卷: 604页: 68-78出版年: JAN 1 2010

第61 条，共70条

标题:Catalytic combustion of dilute acetone over Cu-doped ceria catalysts

作者: Hu, Chaoquan; Zhu, Qingshan; Jiang, Zheng; 等.

来源出版物:CHEMICAL ENGINEERING JOURNAL卷: 152页: 583-590出版年: OCT 15 2009

第62条，共70条

标题:Support Effect on Catalytic Oxidation of Formaldehyde over Supported Gold Catalysts

作者: Li Hongfang; Liu Xuesong; GuoCunxia; 等.

来源出版物:CHINESE JOURNAL OF CATALYSIS卷: 30页: 1001-1006出版年: OCT 2009

第63条，共70条

标题:Creation of three-dimensionally ordered macroporous Au/CeO2 catalysts with controlled pore sizes and their enhanced catalytic performance for formaldehyde oxidation

作者: Zhang, Jun; Jin, Ying; Li, Changyan; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 91页: 11-20出版年: SEP 7 2009

第64条，共70条

标题:A comparative study of formaldehyde and carbon monoxide complete oxidation on MnOx-CeO2 catalysts

作者: Liu Xuesong; Lu Jiqing; Qian Kun; 等.

来源出版物:JOURNAL OF RARE EARTHS卷: 27页: 418-424出版年: JUN 2009

第 1 条，共70条

第65条，共70条

标题:Selective Oxidation of Aromatic Alcohols over Amorphous Mn-Ce-O Catalyst

作者: Tang Qinghu; Wu Chengming; Huang Xiaona; 等.

来源出版物:CHINESE JOURNAL OF CATALYSIS卷: 30页: 207-212出版年: MAR 2009

第66条，共70条

标题:Manipulation of (PtAg)-Ag-Lambda Nanostructures for Advanced Electrocatalyst

作者: Zhao, Dan; Wang, Yuan-Hao; Yan, Bing; 等.

来源出版物:JOURNAL OF PHYSICAL CHEMISTRY C卷: 113页: 1242-1250出版年: JAN 29 2009

第67条，共70条

标题:A Density Functional Theory Study of Formaldehyde Adsorption on CeO2(111) Surface

作者: Jiang Shi-Yu; Teng Bo-Tao; Lu Ji-Qing; 等.

来源出版物:ACTA PHYSICO-CHIMICA SINICA卷: 24页: 2025-2031出版年: NOV 2008

第68条，共70条

标题:Effects of carrier and Mn loading on supported manganese oxide catalysts for catalytic combustion of methane

作者: Hu, Jinyan; Chu, Wei; Shi, Limin

来源出版物:JOURNAL OF NATURAL GAS CHEMISTRY卷: 17页: 159-164出版年: JUN 2008

第69条，共70条

标题:The states of gold species in CeO2 supported gold catalyst for formaldehyde oxidation

作者: Shen, Yuenian; Yang, Xuzhuang; Wang, Yizheng; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 79页: 142-148出版年: FEB 28 2008

第70条，共70条

标题:Low-temperature catalytic combustion of methane over MnOx-CeO2 mixed oxide catalysts: Effect of preparation method

作者: Shi, Limin; Chu, Wei; Qu, Fenfen; 等.

来源出版物:CATALYSIS LETTERS卷: 113页: 59-64出版年: JAN 2007