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** | **Synthesis of Thermally Stable and Highly Active Bimetallic Au-Ag Nanoparticles on Inert Supports** | | | | |
| **作者（英文）** | **Xiaoyan Liu, Aiqin Wang, Xiaofeng Yang, Tao Zhang,\* Chung-Yuan Mou, Dang-Sheng Su, Jun Li** | | | | |
| **作者（中文）** | **刘晓艳，王爱琴，杨小峰，张涛\*，牟中原，苏党生，李隽** | | | | |
| **期刊名称** | **Chemistry of Materials** | | | | |
| **发表日期** | **2008.12.23** | **卷** | **21** | **起止页码** | **410–418** |
| **总引用次数** | **126** | | | **他引次数** | 103 |
| **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、申请本年度近期热点论文奖的论文发表时间为2014-2015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25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 53 条

标题: Highly Stable Bimetallic Aulr/TiO2 Catalyst: Physical Origins of the Intrinsic High Stability against Sintering

作者: Han, CW (Han, Chang Wan); Majumdar, P (Majumdar, Paulami); Marinero, EE (Marinero, Ernesto E.); Aguilar-Tapia, A (Aguilar-Tapia, Antonio); Zanella, R (Zanella, Rodolfo); Greeley, J (Greeley, Jeffrey); Ortalan, V (Ortalan, Volkan)

来源出版物: NANO LETTERS 卷: 15 期: 12 页: 8141-8147 DOI: 10.1021/acs.nanolett.51303585 出版年: DEC 2015

第 2 条，共 53 条

标题: The effect of AuAg-MCF and AuAg-NbMCF catalysts pretreatment on the gold-silver alloy formation and the catalytic behavior in selective methanol oxidation with oxygen

作者: Sobczak, I (Sobczak, Izabela); Dembowiak, E (Dembowiak, Ewa)

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL 卷: 409 页: 137-148 DOI: 10.1016/j.molcata.2015.08.017 出版年: DEC 1 2015

第 3 条，共 53 条

标题: Influence of Composition and Chemical Arrangement on the Kinetic Stability of 147-Atom Au-Ag Bimetallic Nanoclusters

作者: Gould, AL (Gould, Anna L.); Logsdail, AJ (Logsdail, Andrew J.); Catlow, CRA (Catlow, C. Richard A.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 119 期: 41 页: 23685-23697 DOI: 10.1021/acs.jpcc.5b03577 出版年: OCT 15 2015

第 4 条，共 53 条

标题: Au-Cu on Nb2O5 and Nb/MCF supports - Surface properties and catalytic activity in glycerol and methanol oxidation

作者: Sobczak, I (Sobczak, Izabela); Wolski, L (Wolski, Lukasz)

来源出版物: CATALYSIS TODAY 卷: 254 页: 72-82 DOI: 10.1016/j.cattod.2014.10.051 出版年: OCT 1 2015

第 5 条，共 53 条

标题: Surface properties and catalytic performance of Pt-Ag supported on silica - The effect of preparation methods

作者: Czaplinska, J (Czaplinska, Joanna); Decyk, P (Decyk, Piotr); Ziolek, M (Ziolek, Maria)

来源出版物: APPLIED CATALYSIS A-GENERAL 卷: 504 特刊: SI 页: 361-372 DOI: 10.1016/j.apcata.2014.12.054 出版年: SEP 5 2015

第 6 条，共 53 条

标题: Reactivity and Catalytic Activity of Hydrogen Atom Chemisorbed Silver Clusters

作者: Manzoor, D (Manzoor, Dar); Pal, S (Pal, Sourav)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY A 卷: 119 期: 24 页: 6162-6170 DOI: 10.1021/acs.jpca.5b01987 出版年: JUN 18 2015

第 7 条，共 53 条

标题: Bimetallic Au-Ag/SiO2 catalysts: comparison in glucose, benzyl alcohol and CO oxidation reactions

作者: Nagy, G (Nagy, G.); Benko, T (Benko, T.); Borko, L (Borko, L.); Csay, T (Csay, T.); Horvath, A (Horvath, A.); Frey, K (Frey, K.); Beck, A (Beck, A.)

来源出版物: REACTION KINETICS MECHANISMS AND CATALYSIS 卷: 115 期: 1 页: 45-65 DOI: 10.1007/s11144-015-0835-2 出版年: JUN 2015

第 8 条，共 53 条

标题: Electronic effects in CO oxidation by nanoparticle catalysts

作者: Turaeva, N (Turaeva, N.); Preuss, ML (Preuss, M. L.)

来源出版物: CATALYSIS COMMUNICATIONS 卷: 65 页: 30-33 DOI: 10.1016/j.catcom.2015.02.022 出版年: MAY 2 2015

第 9 条，共 53 条

标题: Chemisorbed Oxygen on the Au(321) Surface Alloyed with Silver: A First-Principles Investigation

作者: Moskaleva, LV (Moskaleva, Lyudmila V.); Weiss, T (Weiss, Theodor); Kluner, T (Kluener, Thorsten); Baumer, M (Baeumer, Marcus)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 119 期: 17 页: 9215-9226 DOI: 10.1021/jp511884k 出版年: APR 30 2015

第 10 条，共 53 条

标题: CO Oxidation Catalyzed by Ag Nanoparticles Supported on SnO/CeO2

作者: Khan, IA (Khan, Inayat A.); Sajid, N (Sajid, Nida); Badshah, A (Badshah, Amin); Wattoo, MHS (Wattoo, Muhammad H. S.); Anjum, DH (Anjum, Dalaver H.); Nadeem, MA (Nadeem, Muhammad A.)

来源出版物: JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY 卷: 26 期: 4 页: 695-704 DOI: 10.5935/0103-5053.20150028 出版年: APR 2015

第 11 条，共 53 条

标题: FTIR spectroscopic study of CO oxidation on bimetallic catalysts

作者: Kaminski, P (Kaminski, Piotr); Ziolek, M (Ziolek, Maria); Campo, B (Campo, Betiana); Daturi, M (Daturi, Marco)

来源出版物: CATALYSIS TODAY 卷: 243 页: 218-227 DOI: 10.1016/j.cattod.2014.08.035 出版年: APR 1 2015

第 12 条，共 53 条

标题: Platinum-Ruthenium Heterogeneous Catalytic Anodes Prepared by Atomic Layer Deposition for Use in Direct Methanol Solid Oxide Fuel Cells

作者: Jeong, HJ (Jeong, Heon Jae); Kim, JW (Kim, Jun Woo); Bae, K (Bae, Kiho); Jung, H (Jung, Hojean); Shim, JH (Shim, Joon Hyung)

来源出版物: ACS CATALYSIS 卷: 5 期: 3 页: 1914-1921 DOI: 10.1021/cs502041d 出版年: MAR 2015

第 13 条，共 53 条

标题: Correlation between electronic properties and reactivity toward oxygen of tetrahedral gold-silver clusters

作者: Polynskaya, YG (Polynskaya, Yulia G.); Pichugina, DA (Pichugina, Dania A.); Kuz'menko, NE (Kuz'menko, Nikolay E.)

来源出版物: COMPUTATIONAL AND THEORETICAL CHEMISTRY 卷: 1055 页: 61-67 DOI: 10.1016/j.comptc.2014.12.025 出版年: MAR 1 2015

第 14 条，共 53 条

标题: Selective aerobic oxidation of alcohols over Au-Pd/sodium titanate nanotubes

作者: Nepak, D (Nepak, Devadutta); Darbha, S (Darbha, Srinivas)

来源出版物: CATALYSIS COMMUNICATIONS 卷: 58 页: 149-153 DOI: 10.1016/j.catcom.2014.09.018 出版年: JAN 5 2015

第 15 条，共 53 条

标题: Noble metal@metal oxide semiconductor core@shell nano-architectures as a new platform for gas sensor applications

作者: Rai, P (Rai, Prabhakar); Majhi, SM (Majhi, Sanjit Manohar); Yu, YT (Yu, Yeon-Tae); Lee, JH (Lee, Jong-Heun)

来源出版物: RSC ADVANCES 卷: 5 期: 93 页: 76229-76248 DOI: 10.1039/c5ra14322e 出版年: 2015

第 16 条，共 53 条

标题: In situ formation of gold/silver bi-metal nanodots on silica spheres and evaluation of their microbicidal properties

作者: Rameshkumar, P (Rameshkumar, Perumal); Saranya, S (Saranya, Selvam); Sujatha, K (Sujatha, Kabilan); Ramaraj, R (Ramaraj, Ramasamy)

来源出版物: RSC ADVANCES 卷: 5 期: 7 页: 5038-5045 DOI: 10.1039/c4ra12042f 出版年: 2015

第 17 条，共 53 条

标题: How morphology and surface crystal texture affect thermal stability of a metallic nanoparticle: the case of silver nanobelts and pentagonal silver nanowires

作者: Marzbanrad, E (Marzbanrad, Ehsan); Rivers, G (Rivers, Geoffrey); Peng, P (Peng, Peng); Zhao, BX (Zhao, Boxin); Zhou, NY (Zhou, Norman Y.)

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS 卷: 17 期: 1 页: 315-324 DOI: 10.1039/c4cp04129a 出版年: 2015

第 18 条，共 53 条

标题: Highly dispersed Au, Ag and Cu nanoparticles in mesoporous SBA-15 for highly selective catalytic reduction of nitroaromatics

作者: Sareen, S (Sareen, Shweta); Mutreja, V (Mutreja, Vishal); Singh, S (Singh, Satnam); Pal, B (Pal, Bonamali)

来源出版物: RSC ADVANCES 卷: 5 期: 1 页: 184-190 DOI: 10.1039/c4ra10050f 出版年: 2015

第 19 条，共 53 条

标题: Rational preparation of Ag and Au bimetallic catalysts for the hydrocarbon-SCR of NOx: Sequential deposition vs. coprecipitation method

作者: More, PM (More, P. M.); Nguyen, DL (Nguyen, D. L.); Dongare, MK (Dongare, M. K.); Umbarkar, SB (Umbarkar, S. B.); Nuns, N (Nuns, N.); Girardon, JS (Girardon, J. -S.); Dujardin, C (Dujardin, C.); Lancelot, C (Lancelot, C.); Mamede, AS (Mamede, A. -S.); Granger, P (Granger, P.)

来源出版物: APPLIED CATALYSIS B-ENVIRONMENTAL 卷: 162 页: 11-20 DOI: 10.1016/j.apcatb.2014.06.031 出版年: JAN 2015

第 20 条，共 53 条

标题: Nanocrystalline materials: recent advances in crystallographic characterization techniques

作者: Ringe, E (Ringe, Emilie)

来源出版物: IUCRJ 卷: 1 页: 530-539 DOI: 10.1107/S2052252514020818 子辑: 6 出版年: NOV 2014

第 21 条，共 53 条

标题: Structural Organization of Nanophase Catalysts for Preferential CO Oxidation

作者: Kosmambetova, GR (Kosmambetova, G. R.)

来源出版物: THEORETICAL AND EXPERIMENTAL CHEMISTRY 卷: 50 期: 5 页: 265-281 DOI: 10.1007/s11237-014-9376-4 出版年: NOV 2014

第 22 条，共 53 条

标题: The progress in water gas shift and steam reforming hydrogen production technologies - A review

作者: LeValley, TL (LeValley, Trevor L.); Richard, AR (Richard, Anthony R.); Fan, MH (Fan, Maohong)

来源出版物: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 卷: 39 期: 30 页: 16983-17000 DOI: 10.1016/j.ijhydene.2014.08.041 出版年: OCT 13 2014

第 23 条，共 53 条

标题: Au containing mesostructured cellular foams NbMCF and ZrMCF in selective oxidation of methanol to formaldehyde

作者: Sobczak, I (Sobczak, Izabela); Kozlowska, M (Kozlowska, Marta); Ziolek, M (Ziolek, Maria)

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL 卷: 390 页: 114-124 DOI: 10.1016/j.molcata.2014.03.015 出版年: AUG 2014

第 24 条，共 53 条

标题: Bimetallic AgCu/SBA-15 System: The Effect of Metal Loading and Treatment of Catalyst on Surface Properties

作者: Czaplinska, J (Czaplinska, Joanna); Sobczak, I (Sobczak, Izabela); Ziolek, M (Ziolek, Maria)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 118 期: 24 页: 12796-12810 DOI: 10.1021/jp5011764 出版年: JUN 19 2014

第 25 条，共 53 条

标题: Effect of diluent gas on ethylene epoxidation activity over various Ag-based catalysts on selective oxide supports

作者: Chongterdtoonskul, A (Chongterdtoonskul, Atiporn); Suttikul, T (Suttikul, Thitiporn); Santikunaporn, M (Santikunaporn, Malee); Schwank, JW (Schwank, Johannes W.); Chavadej, S (Chavadej, Sumaeth)

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL 卷: 386 页: 5-13 DOI: 10.1016/j.molcata.2014.02.003 出版年: MAY 2014

第 26 条，共 53 条

标题: Surface and catalytic properties of Ce-, Zr-, Au-, Cu-modified SBA-15

作者: Kaminski, P (Kaminski, Piotr); Ziolek, M (Ziolek, Maria)

来源出版物: JOURNAL OF CATALYSIS 卷: 312 页: 249-262 DOI: 10.1016/j.jcat.2014.02.005 出版年: APR 2014

第 27 条，共 53 条

标题: Catalysis on nanoporous gold-silver systems: Synergistic effects toward oxidation reactions and influence of the surface composition

作者: Deronzier, T (Deronzier, Thierry); Morfin, F (Morfin, Franck); Lomello, M (Lomello, Marc); Rousset, JL (Rousset, Jean-Luc)

来源出版物: JOURNAL OF CATALYSIS 卷: 311 页: 221-229 DOI: 10.1016/j.jcat.2013.12.001 出版年: MAR 2014

第 28 条，共 53 条

标题: Enhanced catalytic performance of Au/CuO-ZnO catalysts containing low CuO content for preferential oxidation of carbon monoxide in hydrogen-rich streams for PEMFC

作者: Alihoseinzadeh, A (Alihoseinzadeh, Amir); Khodadadi, AA (Khodadadi, Abbas Ali); Mortazavi, Y (Mortazavi, Yadollah)

来源出版物: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 卷: 39 期: 5 页: 2056-2066 DOI: 10.1016/j.ijhydene.2013.12.002 出版年: FEB 4 2014

第 29 条，共 53 条

标题: Bimetallic nanoalloys in heterogeneous catalysis of industrially important reactions: synergistic effects and structural organization of active components

作者: Ellert, OG (Ellert, O. G.); Tsodikov, MV (Tsodikov, M. V.); Nikolaev, SA (Nikolaev, S. A.); Novotortsev, VM (Novotortsev, V. M.)

来源出版物: RUSSIAN CHEMICAL REVIEWS 卷: 83 期: 8 页: 718-732 DOI: 10.1070/RC2014v083n08ABEH004432 出版年: 2014

第 30 条，共 53 条

标题: Recent Advances in Facile Synthesis of Bimetallic Nanostructures: An Overview

作者: Banadaki, AD (Banadaki, Arash Dehghan); Kajbafvala, A (Kajbafvala, Amir)

来源出版物: JOURNAL OF NANOMATERIALS 文献号: 985948 DOI: 10.1155/2014/985948 出版年: 2014

第 31 条，共 53 条

标题: BIMETALLIC AU/AG METAL SUPERSTRUCTURES FROM MACROMOLECULAR METAL COMPLEXES IN SOLID-STATE

作者: Diaz, C (Diaz, Carlos); Valenzuela, ML (Luisa Valenzuela, Maria); Bobadilla, D (Bobadilla, Daniela)

来源出版物: JOURNAL OF THE CHILEAN CHEMICAL SOCIETY 卷: 58 期: 4 页: 1994-1997 出版年: DEC 2013

第 32 条，共 53 条

标题: Bimetallic AuAg Nanoparticles: Enhancing the Catalytic Activity of Au for Reduction Reactions in the Liquid Phase by Addition of Ag

作者: Menezes, WG (Menezes, Willian G.); Neumann, B (Neumann, Bjoern); Zielasek, V (Zielasek, Volkmar); Thiel, K (Thiel, Karsten); Baumer, M (Baeumer, Marcus)

来源出版物: CHEMPHYSCHEM 卷: 14 期: 8 页: 1577-1581 DOI: 10.1002/cphc.201201100 出版年: JUN 3 2013

第 33 条，共 53 条

标题: Palladium supported on zinc ferrite: A highly active, magnetically separable catalyst for ligand free Suzuki and Heck coupling

作者: Singh, AS (Singh, Abhilash S.); Patil, UB (Patil, Umakant B.); Nagarkar, JM (Nagarkar, Jayashree M.)

来源出版物: CATALYSIS COMMUNICATIONS 卷: 35 页: 11-16 DOI: 10.1016/j.catcom.2013.02.003 出版年: MAY 5 2013

第 34 条，共 53 条

标题: Effects of particle size, composition, and support on catalytic activity of AuAg nanoparticles prepared in reverse block copolymer micelles as nanoreactors

作者: Menezes, WG (Menezes, W. G.); Zielasek, V (Zielasek, V.); Thiel, K (Thiel, K.); Hartwig, A (Hartwig, A.); Baumer, M (Baeumer, M.)

来源出版物: JOURNAL OF CATALYSIS 卷: 299 页: 222-231 DOI: 10.1016/j.jcat.2012.12.006 出版年: MAR 2013

第 35 条，共 53 条

标题: Synergistic Catalysis over Bimetallic Alloy Nanoparticles

作者: Singh, AK (Singh, Ashish Kumar); Xu, Q (Xu, Qiang)

来源出版物: CHEMCATCHEM 卷: 5 期: 3 页: 652-676 DOI: 10.1002/cctc.201200591 出版年: MAR 2013

第 36 条，共 53 条

标题: Effect of catalyst preparation on Au/Ce1-xZrxO2 and Au-Cu/Ce1-xZrxO2 for steam reforming of methanol

作者: Pojanavaraphan, C (Pojanavaraphan, Chinchanop); Luengnaruemitchai, A (Luengnaruemitchai, Apanee); Gulari, E (Gulari, Erdogan)

来源出版物: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 卷: 38 期: 3 页: 1348-1362 DOI: 10.1016/j.ijhydene.2012.10.117 出版年: FEB 6 2013

第 37 条，共 53 条

标题: Synthesis, characterization and evaluation of green catalytic activity of nano Ag-Pt doped silicate

作者: Murugavelu, M (Murugavelu, M.); Karthikeyan, B (Karthikeyan, B.)

来源出版物: JOURNAL OF ALLOYS AND COMPOUNDS 卷: 547 页: 68-75 DOI: 10.1016/j.jallcom.2012.08.110 出版年: JAN 15 2013

第 38 条，共 53 条

标题: Bimetallic heterogeneous catalysts for hydrogen production

作者: Dal Santo, V (Dal Santo, Vladimiro); Gallo, A (Gallo, Alessandro); Naldoni, A (Naldoni, Alberto); Guidotti, M (Guidotti, Matteo); Psaro, R (Psaro, Rinaldo)

来源出版物: CATALYSIS TODAY 卷: 197 期: 1 特刊: SI 页: 190-205 DOI: 10.1016/j.cattod.2012.07.037 出版年: DEC 15 2012

第 39 条，共 53 条

标题: Topotaxial Fabrication of Vertical AuxAg1-x Nanowire Arrays: Plasmon-Active in the Blue Region and Corrosion Resistant

作者: Lee, H (Lee, Hyoban); Yoo, Y (Yoo, Youngdong); Kang, T (Kang, Taejoon); In, J (In, Juneho); Seo, MK (Seo, Min-Kyo); Kim, B (Kim, Bongsoo)

来源出版物: SMALL 卷: 8 期: 10 页: 1527-1533 DOI: 10.1002/smll.201102576 出版年: MAY 21 2012

第 40 条，共 53 条

标题: High activity in CO oxidation of Ag nanoparticles supported on fumed silica

作者: Afanasev, DS (Afanasev, D. S.); Yakovina, OA (Yakovina, O. A.); Kuznetsova, NI (Kuznetsova, N. I.); Lisitsyn, AS (Lisitsyn, A. S.)

来源出版物: CATALYSIS COMMUNICATIONS 卷: 22 页: 43-47 DOI: 10.1016/j.catcom.2012.02.014 出版年: MAY 10 2012

第 41 条，共 53 条

标题: Synthesis of Gold Catalysts Supported on Mesoporous Silica Materials: Recent Developments

作者: Gutierrez, LF (Gutierrez, Luis-Felipe); Hamoudi, S (Hamoudi, Safia); Belkacemi, K (Belkacemi, Khaled)

来源出版物: CATALYSTS 卷: 1 期: 1 页: 97-154 DOI: 10.3390/catal1010097 出版年: DEC 2011

第 42 条，共 53 条

标题: Gold-silver alloy nanoshells: a new candidate for nanotherapeutics and diagnostics

作者: Gheorghe, DE (Gheorghe, Dana E.); Cui, LL (Cui, Lili); Karmonik, C (Karmonik, Christof); Brazdeikis, A (Brazdeikis, Audrius); Penaloza, JM (Penaloza, Jose M.); Young, JK (Young, Joseph K.); Drezek, RA (Drezek, Rebekah A.); Bikram, M (Bikram, Malavosklish)

来源出版物: NANOSCALE RESEARCH LETTERS 卷: 6 文献号: 554 DOI: 10.1186/1556-276X-6-554 出版年: OCT 13 2011

第 43 条，共 53 条

标题: Synthesis of Gold Nanoparticle Catalysts Based on a New Water-Soluble Ionic Polymer

作者: Biondi, I (Biondi, Ilaria); Laurenczy, G (Laurenczy, Gabor); Dyson, PJ (Dyson, Paul J.)

来源出版物: INORGANIC CHEMISTRY 卷: 50 期: 17 页: 8038-8045 DOI: 10.1021/ic200334m 出版年: SEP 5 2011

第 44 条，共 53 条

标题: Bimetallic Au-Ag/TiO2 catalyst prepared by deposition-precipitation: High activity and stability in CO oxidation

作者: Sandoval, A (Sandoval, Alberto); Aguilar, A (Aguilar, Antonio); Louis, C (Louis, Catherine); Traverse, A (Traverse, Agnes); Zanella, R (Zanella, Rodolfo)

来源出版物: JOURNAL OF CATALYSIS 卷: 281 期: 1 页: 40-49 DOI: 10.1016/j.jcat.2011.04.003 出版年: JUL 1 2011

第 45 条，共 53 条

标题: Immobilization of Human Carbonic Anhydrase on Gold Nanoparticles Assembled onto Amine/Thiol-Functionalized Mesoporous SBA-15 for Biomimetic Sequestration of CO2

作者: Vinoba, M (Vinoba, Mari); Lim, KS (Lim, Kyoung Soo); Lee, SH (Lee, Si Hyun); Jeong, SK (Jeong, Soon Kwan); Alagar, M (Alagar, Muthukaruppan)

来源出版物: LANGMUIR 卷: 27 期: 10 页: 6227-6234 DOI: 10.1021/la105029h 出版年: MAY 17 2011

第 46 条，共 53 条

标题: Rapid Synthesis of Highly Monodisperse AuxAg1-x Alloy Nanoparticles via a Half-Seeding Approach

作者: Chng, TT (Chng, Ting Ting); Polavarapu, L (Polavarapu, Lakshminarayana); Xu, QH (Xu, Qing-Hua); Ji, W (Ji, Wei); Zeng, HC (Zeng, Hua Chun)

来源出版物: LANGMUIR 卷: 27 期: 9 页: 5633-5643 DOI: 10.1021/la2005216 出版年: MAY 3 2011

第 47 条，共 53 条

标题: Synergistic Catalysis of Au@Ag Core-Shell Nanoparticles Stabilized on Metal-Organic Framework

作者: Jiang, HL (Jiang, Hai-Long); Akita, T (Akita, Tomoki); Ishida, T (Ishida, Tamao); Haruta, M (Haruta, Masatake); Xu, Q (Xu, Qiang)

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 卷: 133 期: 5 页: 1304-1306 DOI: 10.1021/ja1099006 出版年: FEB 9 2011

第 48 条，共 53 条

标题: Metal nanoparticles in condensed media: preparation and the bulk and surface structural dynamics

作者: Olenin, AY (Olenin, A. Yu); Lisichkin, GV (Lisichkin, G. V.)

来源出版物: RUSSIAN CHEMICAL REVIEWS 卷: 80 期: 7 页: 605-630 DOI: 10.1070/RC2011v080n07ABEH004201 出版年: 2011

第 49 条，共 53 条

标题: Elaboration and characterization of bimetallic gold-silver nanoparticles supported on mesostructured silica films

作者: Chassagneux, F (Chassagneux, Fernand); Bois, L (Bois, Laurence); Simon, JP (Simon, Jean-Paul); Desroches, C (Desroches, Cedric); Brioude, A (Brioude, Arnaud)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY 卷: 21 期: 32 页: 11947-11955 DOI: 10.1039/c1jm11331c 出版年: 2011

第 50 条，共 53 条

标题: Recent progress in synergistic catalysis over heterometallic nanoparticles

作者: Jiang, HL (Jiang, Hai-Long); Xu, Q (Xu, Qiang)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY 卷: 21 期: 36 页: 13705-13725 DOI: 10.1039/c1jm12020d 出版年: 2011

第 51 条，共 53 条

标题: Facile sonochemical synthesis of carbon nanotube-supported bimetallic Pt-Rh nanoparticles for room temperature hydrogenation of arenes

作者: Pan, HB (Pan, Horng-Bin); Wai, CM (Wai, Chien M.)

来源出版物: NEW JOURNAL OF CHEMISTRY 卷: 35 期: 8 页: 1649-1660 DOI: 10.1039/c1nj20028c 出版年: 2011

第 52 条，共 53 条

标题: Electrocatalytic Reduction of Hydrogen Peroxide on Silver Nanoparticles Stabilized by Amine Grafted Mesoporous SBA-15

作者: Vinoba, M (Vinoba, Mari); Jeong, SK (Jeong, Soon Kwan); Bhagiyalakshmi, M (Bhagiyalakshmi, Margandan); Alagar, M (Alagar, Muthukaruppan)

来源出版物: BULLETIN OF THE KOREAN CHEMICAL SOCIETY 卷: 31 期: 12 页: 3668-3674 DOI: 10.5012/bkcs.2010.31.12.3668 出版年: DEC 20 2010

第 53 条，共 53 条

标题: Enhanced Oxygen Activation over Supported Bimetallic Au-Ni Catalysts

作者: Chandler, BD (Chandler, Bert D.); Long, CG (Long, Cormac G.); Gilbertson, JD (Gilbertson, John D.); Pursell, CJ (Pursell, Christopher J.); Vijayaraghavan, G (Vijayaraghavan, Ganesh); Stevenson, KJ (Stevenson, Keith J.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 114 期: 26 页: 11498-11508 DOI: 10.1021/jp101845d 出版年: JUL 8 2010

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**二、引用论文第一产权单位为国内机构**

第 1 条，共 50 条

标题: Improved chemoselective hydrogenation of crotonaldehyde over bimetallic AuAg/SBA-15 catalyst

作者: Lin, HQ (Lin, Haiqiang); Zheng, JW (Zheng, Jianwei); Zheng, XL (Zheng, Xinlei); Gu, ZQ (Gu, Zhengqiang); Yuan, YZ (Yuan, Youzhu); Yang, YH (Yang, Yanhui)

来源出版物: JOURNAL OF CATALYSIS 卷: 330 页: 135-144 DOI: 10.1016/j.jcat.2015.07.022 出版年: OCT 2015

第 2 条，共 50 条

标题: Temperature difference effect induced self-assembly method for Ag/SBA-15 nanostructures and their catalytic properties for epoxidation of styrene

作者: Tang, YH (Tang, Yinhai); Yang, M (Yang, Mu); Dong, WJ (Dong, Wenjun); Tan, L (Tan, Li); Zhang, XW (Zhang, Xiaowei); Zhao, P (Zhao, Peng); Peng, CH (Peng, Chaohao); Wang, G (Wang, Ge)

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS 卷: 215 页: 199-205 DOI: 10.1016/j.micromeso.2015.05.040 出版年: OCT 1 2015

第 3 条，共 50 条

标题: Hydrogenation of 1,3-butadiene over Au and Pt/SiO2-N catalysts at low temperature

作者: Liu, CG (Liu, Chenguang); Yang, K (Yang, Kang); Zhao, JC (Zhao, Jinchong); Pan, Y (Pan, Yuan); Liu, DP (Liu, Dapeng)

来源出版物: CATALYSIS COMMUNICATIONS 卷: 67 页: 72-77 DOI: 10.1016/j.catcom.2015.04.007 出版年: JUL 5 2015

第 4 条，共 50 条

标题: Bimetallic layer-by-layer films and their application in catalytic hydrogenation of olefin

作者: Gao, SY (Gao, Shuiying); Li, WJ (Li, Weijin); Cao, R (Cao, Rong)

来源出版物: INORGANIC CHEMISTRY FRONTIERS 卷: 2 期: 8 页: 713-719 DOI: 10.1039/c5qi00008d 出版年: 2015

第 5 条，共 50 条

标题: Hetero-epitaxially anchoring Au nanoparticles onto ZnO nanowires for CO oxidation

作者: Liu, JX (Liu, Jiaxin); Qiao, BT (Qiao, Botao); Song, YA (Song, Yian); Huang, YD (Huang, Yudong); Liu, JY (Liu, Jingyue (Jimmy))

来源出版物: CHEMICAL COMMUNICATIONS 卷: 51 期: 83 页: 15332-15335 DOI: 10.1039/c5cc03353e 出版年: 2015

第 6 条，共 50 条

标题: Insights into mesoporous metal phosphonate hybrid materials for catalysis

作者: Zhu, YP (Zhu, Yun-Pei); Ren, TZ (Ren, Tie-Zhen); Yuan, ZY (Yuan, Zhong-Yong)

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY 卷: 5 期: 9 页: 4258-4279 DOI: 10.1039/c5cy00107b 出版年: 2015

第 7 条，共 50 条

标题: CeO2-modified Au@SBA-15 nanocatalysts for liquid-phase selective oxidation of benzyl alcohol

作者: Wang, T (Wang, Tuo); Yuan, X (Yuan, Xiang); Li, SR (Li, Shuirong); Zeng, L (Zeng, Liang); Gong, JL (Gong, Jinlong)

来源出版物: NANOSCALE 卷: 7 期: 17 页: 7593-7602 DOI: 10.1039/c5nr00246j 出版年: 2015

第 8 条，共 50 条

标题: High and stable catalytic activity of porous Ag/Co3O4 nanocomposites derived from MOFs for CO oxidation

作者: Bao, SX (Bao, Shouxin); Yan, N (Yan, Nan); Shi, XH (Shi, Xiaohui); Li, R (Li, Ren); Chen, QW (Chen, Qianwang)

来源出版物: APPLIED CATALYSIS A-GENERAL 卷: 487 页: 189-194 DOI: 10.1016/j.apcata.2014.09.015 出版年: OCT 2014

第 9 条，共 50 条

标题: Advances in Mesoporous Metal Phosphonate Hybrid Materials

作者: Liu, YL (Liu Yalu); Zhu, YP (Zhu Yunpei); Li, M (Li Min); Yuan, ZY (Yuan Zhongyang)

来源出版物: ACTA CHIMICA SINICA 卷: 72 期: 5 页: 521-536 DOI: 10.6023/A14020092 出版年: MAY 15 2014

第 10 条，共 50 条

标题: Unsupported nanoporous Ag catalysts towards CO oxidation

作者: Kou, TY (Kou, Tianyi); Li, DW (Li, Dongwei); Zhang, C (Zhang, Chi); Zhang, ZH (Zhang, Zhonghua); Yang, H (Yang, Hua)

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL 卷: 382 页: 55-63 DOI: 10.1016/j.molcata.2013.10.025 出版年: FEB 2014

第 11 条，共 50 条

标题: Metal phosphonate hybrid materials: from densely layered to hierarchically nanoporous structures

作者: Zhu, YP (Zhu, Yun-Pei); Ma, TY (Ma, Tian-Yi); Liu, YL (Liu, Ya-Lu); Ren, TZ (Ren, Tie-Zhen); Yuan, ZY (Yuan, Zhong-Yong)

来源出版物: INORGANIC CHEMISTRY FRONTIERS 卷: 1 期: 5 页: 360-383 DOI: 10.1039/c4qi00011k 出版年: 2014

第 12 条，共 50 条

标题: Xylan-type hemicellulose supported palladium nanoparticles: a highly efficient and reusable catalyst for the carbon-carbon coupling reactions

作者: Chen, W (Chen, Wei); Zhong, LX (Zhong, Lin-xin); Peng, XW (Peng, Xin-wen); Wang, K (Wang, Kun); Chen, ZF (Chen, Zhi-feng); Sun, RC (Sun, Run-cang)

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY 卷: 4 期: 5 页: 1426-1435 DOI: 10.1039/c3cy00933e 出版年: 2014

第 13 条，共 50 条

标题: Surface structural evolution of AuAg/TiO2 catalyst in the transformation of benzyl alcohol to sodium benzoate

作者: Cui, YY (Cui, Yuanyuan); Wang, Y (Wang, Ying); Fan, KN (Fan, Kangnian); Dai, WL (Dai, Wei-Lin)

来源出版物: APPLIED SURFACE SCIENCE 卷: 279 页: 391-399 DOI: 10.1016/j.apsusc.2013.04.125 出版年: AUG 15 2013

第 14 条，共 50 条

标题: A Highly Active "NiO-on-Au" Surface Architecture for CO Oxidation

作者: Xu, XJ (Xu, Xuejun); Fu, Q (Fu, Qiang); Guo, XG (Guo, Xiaoguang); Bao, XH (Bao, Xinhe)

来源出版物: ACS CATALYSIS 卷: 3 期: 8 页: 1810-1818 DOI: 10.1021/cs400197t 出版年: AUG 2013

第 15 条，共 50 条

标题: Size- and Composition-Dependent Structural Stability of Core-Shell and Alloy Pd-Pt and Au-Ag Nanoparticles

作者: Li, Y (Li, Yuan); Qi, WH (Qi, Weihong); Huang, BY (Huang, Baiyun); Ji, WH (Ji, Wenhai); Wang, MP (Wang, Mingpu)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 117 期: 29 页: 15394-15401 DOI: 10.1021/jp404422y 出版年: JUL 25 2013

第 16 条，共 50 条

标题: Investigation of factors influencing the catalytic performance of CO oxidation over Au-Ag/SBA-15 catalyst

作者: Qu, ZP (Qu, Zhenping); Ke, GZ (Ke, Guozhou); Wang, Y (Wang, Yi); Liu, MW (Liu, Mengwei); Jiang, TT (Jiang, Tingting); Gao, JS (Gao, Jinsuo)

来源出版物: APPLIED SURFACE SCIENCE 卷: 277 页: 293-301 DOI: 10.1016/j.apsusc.2013.04.051 出版年: JUL 15 2013

第 17 条，共 50 条

标题: Promotion effect of adsorbed water/OH on the catalytic performance of Ag/activated carbon catalysts for CO preferential oxidation in excess H-2

作者: Guo, YY (Guo, Yuanyuan); Chen, LM (Chen, Limin); Ma, D (Ma, Ding); Ye, DQ (Ye, Daiqi); Huang, BC (Huang, Bichun)

来源出版物: JOURNAL OF ENERGY CHEMISTRY 卷: 22 期: 4 页: 591-598 出版年: JUL 2013

第 18 条，共 50 条

标题: Progress in carbon monoxide oxidation over nanosized Ag catalysts

作者: Zhang, XD (Zhang Xiaodong); Qu, ZP (Qu Zhenping); Yu, FL (Yu Fangli); Wang, Y (Wang Yi)

来源出版物: CHINESE JOURNAL OF CATALYSIS 卷: 34 期: 7 页: 1277-1290 DOI: 10.1016/S1872-2067(12)60610-X 出版年: JUL 2013

第 19 条，共 50 条

标题: Synthesis of Hollow Ag-Au Bimetallic Nanoparticles in Polyelectrolyte Multilayers

作者: Zhang, X (Zhang, Xin); Zhang, GY (Zhang, Guangyu); Zhang, BD (Zhang, Bodong); Su, ZH (Su, Zhaohui)

来源出版物: LANGMUIR 卷: 29 期: 22 页: 6722-6727 DOI: 10.1021/la400728k 出版年: JUN 4 2013

第 20 条，共 50 条

标题: Unusual Loading-Dependent Sintering-Resistant Properties of Gold Nanoparticles Supported within Extra-large Mesopores

作者: Yan, XQ (Yan, Xiaoqing); Wang, XJ (Wang, Xiaojuan); Tang, Y (Tang, Yu); Ma, GC (Ma, Guicen); Zou, SH (Zou, Shihui); Li, RH (Li, Renhong); Peng, XG (Peng, Xiaogang); Dai, S (Dai, Sheng); Fan, J (Fan, Jie)

来源出版物: CHEMISTRY OF MATERIALS 卷: 25 期: 9 页: 1556-1563 DOI: 10.1021/cm303816g 出版年: MAY 14 2013

第 21 条，共 50 条

标题: P123-stabilized Au-Ag alloy nanoparticles for kinetics of aerobic oxidation of benzyl alcohol in aqueous solution

作者: Huang, XM (Huang, Xuemin); Wang, XG (Wang, Xueguang); Wang, XS (Wang, Xiaoshu); Wang, XX (Wang, Xinxing); Tan, MW (Tan, Mingwu); Ding, WZ (Ding, Weizhong); Lu, XG (Lu, Xionggang)

来源出版物: JOURNAL OF CATALYSIS 卷: 301 页: 217-226 DOI: 10.1016/j.jcat.2013.02.011 出版年: MAY 2013

第 22 条，共 50 条

标题: Underpotential Deposition-Induced Synthesis of Composition-Tunable PtCu Nanocrystals and Their Catalytic Properties

作者: Jiang, YQ (Jiang, Yaqi); Jia, YY (Jia, Yanyan); Zhang, JW (Zhang, Jiawei); Zhang, L (Zhang, Lei); Huang, H (Huang, Huang); Xie, ZX (Xie, Zhaoxiong); Zheng, LS (Zheng, Lansun)

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL 卷: 19 期: 9 页: 3119-3124 DOI: 10.1002/chem.201203729 出版年: FEB 2013

第 23 条，共 50 条

标题: A stable bimetallic Au-Ag/TiO2 nanopaper for aerobic oxidation of benzyl alcohol

作者: Guan, Y (Guan, Yu); Zhao, N (Zhao, Na); Tang, B (Tang, Bin); Jia, QQ (Jia, Qinqin); Xu, XH (Xu, Xiaohong); Liu, H (Liu, Hong); Boughton, RI (Boughton, Robert I.)

来源出版物: CHEMICAL COMMUNICATIONS 卷: 49 期: 98 页: 11524-11526 DOI: 10.1039/c3cc45408h 出版年: 2013

第 24 条，共 50 条

标题: Promoting Effect of Au on the Nanoporous Ag/CeO2 Composites Prepared by Dealloying for Borohydride Electro-Oxidation

作者: Li, GJ (Li, Guijing); Zhang, XL (Zhang, Xiaolong); Wang, LQ (Wang, Liqun); Song, XP (Song, Xiaoping); Sun, ZB (Sun, Zhanbo)

来源出版物: JOURNAL OF THE ELECTROCHEMICAL SOCIETY 卷: 160 期: 10 页: F1116-F1122 DOI: 10.1149/2.054310jes 出版年: 2013

第 25 条，共 50 条

标题: Fabrication of thermally stable and active bimetallic Au-Ag nanoparticles stabilized on inner wall of mesoporous silica shell

作者: Chen, Y (Chen, Yu); Wang, QH (Wang, Qihua); Wang, TM (Wang, Tingmei)

来源出版物: DALTON TRANSACTIONS 卷: 42 期: 38 页: 13940-13947 DOI: 10.1039/c3dt51546j 出版年: 2013

第 26 条，共 50 条

标题: Galvanic replacement approach for bifunctional polyacrylonitrile/Ag-M (M = Au or Pd) nanofibers as SERS-active substrates for monitoring catalytic reactions

作者: Cao, MH (Cao, Minhua); Zhou, L (Zhou, Lin); Xu, XQ (Xu, Xiaoqian); Cheng, S (Cheng, Si); Yao, JL (Yao, Jian-Lin); Fan, LJ (Fan, Li-Juan)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY A 卷: 1 期: 31 页: 8942-8949 DOI: 10.1039/c3ta11435j 出版年: 2013

第 27 条，共 50 条

标题: Efficient low-temperature selective hydrogenation of esters on bimetallic Au-Ag/SBA-15 catalyst

作者: Zheng, JW (Zheng, Jianwei); Lin, HQ (Lin, Haiqiang); Wang, YN (Wang, Ya-nan); Zheng, XL (Zheng, Xinlei); Duan, XP (Duan, Xinping); Yuan, YZ (Yuan, Youzhu)

来源出版物: JOURNAL OF CATALYSIS 卷: 297 页: 110-118 DOI: 10.1016/j.jcat.2012.09.023 出版年: JAN 2013

第 28 条，共 50 条

标题: Green synthesis of Au-Ag alloy nanoparticles using Cacumen platycladi extract

作者: Zhang, GL (Zhang, Genlei); Du, MM (Du, Mingming); Li, QB (Li, Qingbiao); Li, XL (Li, Xueliang); Huang, JL (Huang, Jiale); Jiang, XD (Jiang, Xinde); Sun, DH (Sun, Daohua)

来源出版物: RSC ADVANCES 卷: 3 期: 6 页: 1878-1884 DOI: 10.1039/c2ra22442a 出版年: 2013

第 29 条，共 50 条

标题: Palladium nanoparticles encapsulated in porous silica shells: an efficient and highly stable catalyst for CO oxidation

作者: Xu, Y (Xu, Ye); Ma, JQ (Ma, Jinqiang); Xu, YF (Xu, Yuanfeng); Xu, L (Xu, Lei); Xu, L (Xu, Liang); Li, HX (Li, Hexing); Li, H (Li, Hui)

来源出版物: RSC ADVANCES 卷: 3 期: 3 页: 851-858 DOI: 10.1039/c2ra22832g 出版年: 2013

第 30 条，共 50 条

标题: Synergistic Effect of a Carbon Black Supported PtAg Non-Alloy Bimetal Nanocatalyst for CO Preferential Oxidation in Excess Hydrogen

作者: Chen, LM (Chen, Limin); Ma, D (Ma, Ding); Zhang, Z (Zhang, Zhen); Guo, YY (Guo, Yuanyuan); Ye, DQ (Ye, Daiqi); Huang, BC (Huang, Bichun)

来源出版物: CHEMCATCHEM 卷: 4 期: 12 页: 1960-1967 DOI: 10.1002/cctc.201200365 出版年: DEC 2012

第 31 条，共 50 条

标题: Fabrication of Au@Ag Core-Shell Nanoparticles Using Polyelectrolyte Multilayers as Nanoreactors

作者: Zhang, X (Zhang, Xin); Wang, H (Wang, Hui); Su, ZH (Su, Zhaohui)

来源出版物: LANGMUIR 卷: 28 期: 44 页: 15705-15712 DOI: 10.1021/la303320z 出版年: NOV 6 2012

第 32 条，共 50 条

标题: CO oxidation catalyzed by silver nanoclusters: mechanism and effects of charge

作者: Tang, DY (Tang, Dianyong); Chen, ZZ (Chen, Zhongzhu); Hu, JP (Hu, Jianping); Sun, GF (Sun, Guofeng); Lu, SZ (Lu, Shenzhuang); Hu, CW (Hu, Changwei)

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS 卷: 14 期: 37 页: 12829-12837 DOI: 10.1039/c2cp41845b 出版年: 2012

第 33 条，共 50 条

标题: Magnetically Recyclable Pd Nanoparticies Immobilized on Magnetic Fe3O4@C Nanocomposites: Preparation, Characterization, and Their Catalytic Activity toward Suzuki and Heck Coupling Reactions

作者: Zhu, MY (Zhu, Maiyong); Diao, GW (Diao, Guowang)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 115 期: 50 页: 24743-24749 DOI: 10.1021/jp206116e 出版年: DEC 22 2011

第 34 条，共 50 条

标题: Low temperature CO oxidation over Ag/SBA-15 nanocomposites prepared via in-situ "pH-adjusting" method

作者: Zhang, XD (Zhang, Xiaodong); Qu, ZP (Qu, Zhenping); Li, XY (Li, Xinyong); Zhao, QD (Zhao, Qidong); Wang, Y (Wang, Yi); Quan, X (Quan, Xie)

来源出版物: CATALYSIS COMMUNICATIONS 卷: 16 期: 1 页: 11-14 DOI: 10.1016/j.catcom.2011.08.030 出版年: NOV 30 2011

第 35 条，共 50 条

标题: Catalytic Activities for the Complete Oxidation of Ethylene over Au-Cu/Co3O4 Catalysts

作者: Xue, WJ (Xue Wen-Juan); Zhang, XY (Zhang Xin-Yan); Li, P (Li Peng); Liu, ZT (Liu Zhao-Tie); Hao, ZP (Hao Zheng-Ping); Ma, CY (Ma Chun-Yan)

来源出版物: ACTA PHYSICO-CHIMICA SINICA 卷: 27 期: 7 页: 1730-1736 DOI: 10.3866/PKU.WHXB20110719 出版年: JUL 2011

第 36 条，共 50 条

标题: Design of Novel Structured Gold Nanocatalysts

作者: Ma, Z (Ma, Zhen); Dai, S (Dai, Sheng)

来源出版物: ACS CATALYSIS 卷: 1 期: 7 特刊: SI 页: 805-818 DOI: 10.1021/cs200100w 出版年: JUL 2011

第 37 条，共 50 条

标题: An efficient strategy for highly loaded, well dispersed and thermally stable metal oxide catalysts

作者: Tang, CJ (Tang, Changjin); Zhang, HL (Zhang, Hongliang); Sun, CZ (Sun, Chuanzhi); Li, JC (Li, Jianchao); Qi, L (Qi, Lei); Quan, YJ (Quan, Yangjian); Gao, F (Gao, Fei); Dong, L (Dong, Lin)

来源出版物: CATALYSIS COMMUNICATIONS 卷: 12 期: 12 页: 1075-1078 DOI: 10.1016/j.catcom.2011.03.031 出版年: JUL 1 2011

第 38 条，共 50 条

标题: Au-Ag Bimetallic Nanoparticles: Surface Segregation and Atomic-Scale Structure

作者: Deng, L (Deng, Lei); Hu, WY (Hu, Wangyu); Deng, HQ (Deng, Huiqiu); Xiao, SF (Xiao, Shifang); Tang, JF (Tang, Jianfeng)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 115 期: 23 页: 11355-11363 DOI: 10.1021/jp200642d 出版年: JUN 16 2011

第 39 条，共 50 条

标题: Influence of Ni species on the structural evolution of Cu/SiO2 catalyst for the chemoselective hydrogenation of dimethyl oxalate

作者: Yin, AY (Yin, Anyuan); Wen, C (Wen, Chao); Guo, XY (Guo, Xiaoyang); Dai, WL (Dai, Wei-Lin); Fan, KNA (Fan, Kangnian)

来源出版物: JOURNAL OF CATALYSIS 卷: 280 期: 1 页: 77-88 DOI: 10.1016/j.jcat.2011.03.006 出版年: MAY 16 2011

第 40 条，共 50 条

标题: Reaction Mechanisms of CO Oxidation Catalyzed by Binary Copper Group Cluster Anions

作者: Hu, JP (Hu Jian-Ping); Wang, J (Wang Jun); Tang, DY (Tang Dian-Yong); Fu, QC (Fu Qin-Chao); Zhang, YQ (Zhang Yuan-Qin)

来源出版物: ACTA PHYSICO-CHIMICA SINICA 卷: 27 期: 2 页: 329-336 DOI: 10.3866/PKU.WHXB20110226 出版年: FEB 2011

第 41 条，共 50 条

标题: Preparation of Au and Au-Ce Catalysts Supported on Acid-activated Bentontie and its Catalytic Performance

作者: Zhang, RB (Zhang Rongbin); Yao, LJ (Yao Liujing); Ju, Y (Ju Yan)

编者: Bu JL; Wang PC; Ai L; Sang XM; Li YG

来源出版物: APPLICATIONS OF ENGINEERING MATERIALS, PTS 1-4 丛书: Advanced Materials Research 卷: 287-290 页: 1704-1707 DOI: 10.4028/www.scientific.net/AMR.287-290.1704 子辑: 1-4 出版年: 2011

第 42 条，共 50 条

标题: One-step room-temperature synthesis of Au@Pd core-shell nanoparticles with tunable structure using plant tannin as reductant and stabilizer

作者: Huang, X (Huang, Xin); Wu, H (Wu, Hao); Pu, SZ (Pu, Shangzhi); Zhang, WH (Zhang, Wenhua); Liao, XP (Liao, Xuepin); Shi, B (Shi, Bi)

来源出版物: GREEN CHEMISTRY 卷: 13 期: 4 页: 950-957 DOI: 10.1039/c0gc00724b 出版年: 2011

第 43 条，共 50 条

标题: One-pot solvent-free synthesis of sodium benzoate from the oxidation of benzyl alcohol over novel efficient AuAg/TiO2 catalysts

作者: Wang, Y (Wang, Ying); Zheng, JM (Zheng, Jia-Min); Fan, KN (Fan, Kangnian); Dai, WL (Dai, Wei-Lin)

来源出版物: GREEN CHEMISTRY 卷: 13 期: 7 页: 1644-1647 DOI: 10.1039/c1gc15311k 出版年: 2011

第 44 条，共 50 条

标题: Development of Novel Supported Gold Catalysts: A Materials Perspective

作者: Ma, Z (Ma, Zhen); Dai, S (Dai, Sheng)

来源出版物: NANO RESEARCH 卷: 4 期: 1 页: 3-32 DOI: 10.1007/s12274-010-0025-5 出版年: JAN 2011

第 45 条，共 50 条

标题: Dendritic Bimetallic Nanostructures Supported on Self-Assembled Titanate Films for Sensor Application

作者: Tong, SF (Tong, Shengfu); Xu, YH (Xu, Yaohua); Zhang, ZX (Zhang, Zhixin); Song, WB (Song, Wenbo)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 114 期: 49 页: 20925-20931 DOI: 10.1021/jp1035772 出版年: DEC 16 2010

第 46 条，共 50 条

标题: Nanocrystalline Intermetallics and Alloys

作者: Wang, DS (Wang, Dingsheng); Peng, Q (Peng, Qing); Li, YD (Li, Yadong)

来源出版物: NANO RESEARCH 卷: 3 期: 8 页: 574-580 DOI: 10.1007/s12274-010-0018-4 出版年: AUG 2010

第 47 条，共 50 条

标题: Studies of silver species for low-temperature CO oxidation on Ag/SiO2 catalysts

作者: Zhang, XD (Zhang, Xiaodong); Qu, ZP (Qu, Zhenping); Li, XY (Li, Xinyong); Wen, M (Wen, Meng); Quan, X (Quan, Xie); Ma, D (Ma, Ding); Wu, JJ (Wu, Jingjing)

来源出版物: SEPARATION AND PURIFICATION TECHNOLOGY 卷: 72 期: 3 页: 395-400 DOI: 10.1016/j.seppur.2010.03.012 出版年: MAY 11 2010

第 48 条，共 50 条

标题: A Facile and Controllable Strategy to Synthesize Au-Ag Alloy Nanoparticles within Polyelectrolyte Multi layer Nanoreactors upon Thermal Reduction

作者: Shang, L (Shang, Li); Jin, LH (Jin, Lihua); Guo, SJ (Guo, Shaojun); Zhai, JF (Zhai, Junfeng); Dong, SJ (Dong, Shaojun)

来源出版物: LANGMUIR 卷: 26 期: 9 页: 6713-6719 DOI: 10.1021/la9040612 出版年: MAY 4 2010

第 49 条，共 50 条

标题: A General Approach to Fabricate Diverse Noble-Metal (Au, Pt, Ag, Pt/Au)/Fe2O3 Hybrid Nanomaterials

作者: Zhang, J (Zhang, Jun); Liu, XH (Liu, Xianghong); Guo, XZ (Guo, Xianzhi); Wu, SH (Wu, Shihua); Wang, SR (Wang, Shurong)

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL 卷: 16 期: 27 页: 8108-8116 DOI: 10.1002/chem.201000096 出版年: 2010

第 50 条，共 50 条

标题: Low-Temperature Solution-Phase Synthesis of NiAu Alloy Nanoparticles via Butyllithium Reduction: Influences of Synthesis Details and Application As the Precursor to Active Au-NiO/SiO2 Catalysts through Proper Pretreatment

作者: Zhou, SH (Zhou, Shenghu); Ma, Z (Ma, Zhen); Yin, HF (Yin, Hongfeng); Wu, ZL (Wu, Zili); Eichhorn, B (Eichhorn, Bryan); Overbury, SH (Overbury, Steven H.); Dai, S (Dai, Sheng)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 113 期: 14 页: 5758-5765 DOI: 10.1021/jp811411y 出版年: APR 9 2009

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