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** | **Au-Cu Alloy nanoparticles confined in SBA-15 as a highly efficient catalyst for CO oxidation** | | | | |
| **作者（英文）** | **Xiaoyan Liu, Aiqin Wang, Xiaodong Wang, Chung-Yuan Mou, Tao Zhang\*** | | | | |
| **作者（中文）** | **刘晓艳，王爱琴，王晓东，牟中原，张涛\*** | | | | |
| **期刊名称** | **Chemical Communications** | | | | |
| **发表日期** | **2008.05.02** | **卷** |  | **起止页码** | **3187–3189** |
| **总引用次数** | **144** | | | **他引次数** | **124** |
| **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 52 条

标题: Fine CuO anisotropic nanoparticles supported on mesoporous SBA-15 for selective hydrogenation 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: JOURNAL OF COLLOID AND INTERFACE SCIENCE 卷: 461 页: 203-210 DOI: 10.1016/j.jcis.2015.09.002 出版年: JAN 1 2016

第 2 条，共 52 条

标题: Application of Au-Cu nanowires fabricated by laser ablation in superfluid helium as catalysts for CO oxidation

作者: Gordon, EB (Gordon, E. B.); Karabulin, AV (Karabulin, A. V.); Matyushenko, VI (Matyushenko, V. I.); Rostovshchikova, TN (Rostovshchikova, T. N.); Nikolaev, SA (Nikolaev, S. A.); Lokteva, ES (Lokteva, E. S.); Golubina, EV (Golubina, E. V.)

来源出版物: GOLD BULLETIN 卷: 48 期: 3-4 页: 119-125 DOI: 10.1007/s13404-015-0168-y 出版年: DEC 2015

第 3 条，共 52 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 4 条，共 52 条

标题: Selective oxidation of benzylamine to N-benzyl benzaldimine over nanogold immobilized SBA-15 under solvent-free conditions

作者: Neeli, CKP (Neeli, Chinna Krishna Prasad); Marella, RK (Marella, Ravi Kumar); Ganji, S (Ganji, Saidulu); Rao, KSR (Rao, Kamaraju Seetha Rama); Burri, DR (Burri, David Raju)

来源出版物: JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY 卷: 90 期: 9 页: 1657-1664 DOI: 10.1002/jctb.4474 出版年: SEP 2015

第 5 条，共 52 条

标题: Fungal biomolecules assisted biosynthesis of Au-Ag alloy nanoparticles and evaluation of their catalytic property

作者: Tripathi, RM (Tripathi, Ravi Mani); Gupta, RK (Gupta, Rohit Kumar); Bhadwal, AS (Bhadwal, Akhshay Singh); Singh, P (Singh, Priti); Shrivastav, A (Shrivastav, Archana); Shrivastav, B (Shrivastav, B. R.)

来源出版物: IET NANOBIOTECHNOLOGY 卷: 9 期: 4 页: 178-183 DOI: 10.1049/iet-nbt.2014.0043 出版年: AUG 2015

第 6 条，共 52 条

标题: Photocatalytic Enhancements to the Reduction of 4-Nitrophenol by Resonantly Excited Triangular Gold-Copper Nanostructures

作者: Hajfathalian, M (Hajfathalian, Maryam); Gilroy, KD (Gilroy, Kyle D.); Yaghoubzade, A (Yaghoubzade, Ali); Sundar, A (Sundar, Aarthi); Tan, T (Tan, Teng); Hughes, RA (Hughes, Robert A.); Neretina, S (Neretina, Svetlana)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 119 期: 30 页: 17308-17315 DOI: 10.1021/acs.jpcc.5b04618 出版年: JUL 30 2015

第 7 条，共 52 条

标题: Critical Au Concentration for the Stabilization of Au-Cu Nanoparticles on Rutile against Dissociation under Oxygen

作者: Wilson, A (Wilson, A.); Bernard, R (Bernard, R.); Borensztein, Y (Borensztein, Y.); Croset, B (Croset, B.); Cruguel, H (Cruguel, H.); Vlad, A (Vlad, A.); Coati, A (Coati, A.); Garreau, Y (Garreau, Y.); Prevot, G (Prevot, G.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY LETTERS 卷: 6 期: 11 页: 2050-2055 DOI: 10.1021/acs.jpclett.5b00791 出版年: JUN 4 2015

第 8 条，共 52 条

标题: The effect of metal deposition order on the synergistic activity of Au-Cu and Au-Ce metal oxide catalysts for CO oxidation

作者: Nikolaev, SA (Nikolaev, S. A.); Golubina, EV (Golubina, E. V.); Krotova, IN (Krotova, I. N.); Shilina, MI (Shilina, M. I.); Chistyakov, AV (Chistyakov, A. V.); Kriventsov, VV (Kriventsov, V. V.)

来源出版物: APPLIED CATALYSIS B-ENVIRONMENTAL 卷: 168 页: 303-312 DOI: 10.1016/j.apcatb.2014.12.030 出版年: JUN 2015

第 9 条，共 52 条

标题: Nanoscale Transformations of Alumina-Supported AuCu Ordered Phase Nanocrystals and Their Activity in CO Oxidation

作者: Najafishirtari, S (Najafishirtari, Sharif); Brescia, R (Brescia, Rosaria); Guardia, P (Guardia, Pablo); Marras, S (Marras, Sergio); Manna, L (Manna, Liberato); Colombo, M (Colombo, Massimo)

来源出版物: ACS CATALYSIS 卷: 5 期: 4 页: 2154-2163 DOI: 10.1021/cs501923x 出版年: APR 2015

第 10 条，共 52 条

标题: Disorder effect on heat capacity, self-diffusion coefficient, and choosing best potential model for melting temperature, in gold-copper bimetallic nanocluster with 55 atoms

作者: Taherkhani, F (Taherkhani, Farid); Akbarzadeh, H (Akbarzadeh, Hamed); Feyzi, M (Feyzi, Mostafa); Rafiee, HR (Rafiee, Hamid Reza)

来源出版物: JOURNAL OF NANOPARTICLE RESEARCH 卷: 17 期: 1 文献号: 29 DOI: 10.1007/s11051-015-2860-5 出版年: JAN 13 2015

第 11 条，共 52 条

标题: Monitoring of 2-butanone using a Ag-Cu bimetallic alloy nanoscale electrochemical sensor

作者: Rahman, L (Rahman, Latif-ur); Shah, A (Shah, Afzal); Lunsford, SK (Lunsford, Suzanne Kay); Han, C (Han, Changseok); Nadagouda, MN (Nadagouda, Mallikarjuna N.); Sahle-Demessie, E (Sahle-Demessie, Endalkachew); Qureshi, R (Qureshi, Rumana); Khan, MS (Khan, Muhammad Saleem); Kraatz, HB (Kraatz, Heinz-Bernhard); Dionysiou, DD (Dionysiou, Dionysios. D.)

来源出版物: RSC ADVANCES 卷: 5 期: 55 页: 44427-44434 DOI: 10.1039/c5ra03633j 出版年: 2015

第 12 条，共 52 条

标题: Spectroscopic Analysis of Au-Cu Alloy Nanoparticles of Various Compositions Synthesized by a Chemical Reduction Method

作者: Latif-ur-Rahman (Latif-ur-Rahman); Shah, A (Shah, Afzal); Qureshi, R (Qureshi, Rumana); Khan, SB (Khan, Sher Bahadar); Asiri, AM (Asiri, Abdullah M.); Shah, AUHA (Shah, Anwar-ul-Haq Ali); Ishaq, M (Ishaq, Muhammad); Khan, MS (Khan, Mohammad Saleem); Lunsford, SK (Lunsford, Suzanne Kay); Zia, MA (Zia, Muhammad Abid)

来源出版物: ADVANCES IN MATERIALS SCIENCE AND ENGINEERING 文献号: 638629 DOI: 10.1155/2015/638629 出版年: 2015

第 13 条，共 52 条

标题: Tunability of monodispersed intermetallic AuCu nanoparticles through understanding of reaction pathways

作者: Sinha, SK (Sinha, S. K.); Srivastava, C (Srivastava, C.); Sampath, S (Sampath, S.); Chattopadhyay, K (Chattopadhyay, K.)

来源出版物: RSC ADVANCES 卷: 5 期: 6 页: 4389-4395 DOI: 10.1039/c4ra12059k 出版年: 2015

第 14 条，共 52 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 15 条，共 52 条

标题: Cobalt-Oxide-Based Materials as Water Oxidation Catalyst: Recent Progress and Challenges

作者: Deng, XH (Deng, Xiaohui); Tuysuz, H (Tueysuez, Harun)

来源出版物: ACS CATALYSIS 卷: 4 期: 10 页: 3701-3714 DOI: 10.1021/cs500713d 出版年: OCT 2014

第 16 条，共 52 条

标题: Epitaxial growth of bimetallic Au-Cu nanoparticles on TiO2(110) followed in situ by scanning tunneling microscopy and grazing-incidence x-ray diffraction

作者: Wilson, A (Wilson, A.); Bernard, R (Bernard, R.); Vlad, A (Vlad, A.); Borensztein, Y (Borensztein, Y.); Coati, A (Coati, A.); Croset, B (Croset, B.); Garreau, Y (Garreau, Y.); Prevot, G (Prevot, G.)

来源出版物: PHYSICAL REVIEW B 卷: 90 期: 7 文献号: 075416 DOI: 10.1103/PhysRevB.90.075416 出版年: AUG 19 2014

第 17 条，共 52 条

标题: Catalytic activity and thermal stability of Au-CuO/SiO2 catalysts for the low temperature oxidation of CO in the presence of propylene and NO

作者: Bauer, JC (Bauer, J. Chris); Toops, TJ (Toops, Todd J.); Oyola, Y (Oyola, Yatsandra); Parks, JE (Parks, James E., II); Dai, S (Dai, Sheng); Overbury, SH (Overbury, Steven H.)

来源出版物: CATALYSIS TODAY 卷: 231 页: 15-21 DOI: 10.1016/j.cattod.2014.01.040 出版年: AUG 1 2014

第 18 条，共 52 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 19 条，共 52 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 20 条，共 52 条

标题: Gold supported on CuOx/CeO2 catalyst for the purification of hydrogen by the CO preferential oxidation reaction (PROX)

作者: Laguna, OH (Laguna, O. H.); Hernandez, WY (Hernandez, W. Y.); Arzamendi, G (Arzamendi, G.); Gandia, LM (Gandia, L. M.); Centeno, MA (Centeno, M. A.); Odriozola, JA (Odriozola, J. A.)

来源出版物: FUEL 卷: 118 页: 176-185 DOI: 10.1016/j.fuel.2013.10.072 出版年: FEB 2014

第 21 条，共 52 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 22 条，共 52 条

标题: Photoluminescent AuCu bimetallic nanoclusters as pH sensors and catalysts

作者: Chen, PC (Chen, Po-Cheng); Ma, JY (Ma, Jia-Ying); Chen, LY (Chen, Li-Yi); Lin, GL (Lin, Guan-Lin); Shih, CC (Shih, Chung-Chien); Lin, TY (Lin, Tai-Yuan); Chang, HT (Chang, Huan-Tsung)

来源出版物: NANOSCALE 卷: 6 期: 7 页: 3503-3507 DOI: 10.1039/c3nr06123j 出版年: 2014

第 23 条，共 52 条

标题: Oxidative coupling of primary amines to imines under base-free and additive-free conditions over AuNPs/SBA-NH2 nanocatalyst

作者: Neeli, CKP (Neeli, Chinna Krishna Prasad); Ganji, S (Ganji, Saidulu); Ganjala, VSP (Ganjala, Venkata Siva Prasad); Kamaraju, SRR (Kamaraju, Seetha Rama Rao); Burri, DR (Burri, David Raju)

来源出版物: RSC ADVANCES 卷: 4 期: 27 页: 14128-14135 DOI: 10.1039/c4ra00791c 出版年: 2014

第 24 条，共 52 条

标题: Crystal structure tailoring of Au-Cu alloy NPs using the embedding film matrix as template

作者: Pramanik, S (Pramanik, Sourav); Mishra, MK (Mishra, Manish Kr); De, G (De, Goutam)

来源出版物: CRYSTENGCOMM 卷: 16 期: 1 页: 56-63 DOI: 10.1039/c3ce41342j 出版年: 2014

第 25 条，共 52 条

标题: Structure Activity Relationships of Silica Supported AuCu and AuCuPd Alloy Catalysts for the Oxidation of CO

作者: Bauer, JC (Bauer, J. Chris); Mullins, DR (Mullins, David R.); Oyola, Y (Oyola, Yatsandra); Overbury, SH (Overbury, Steven H.); Dai, S (Dai, Sheng)

来源出版物: CATALYSIS LETTERS 卷: 143 期: 9 页: 926-935 DOI: 10.1007/s10562-013-1075-6 出版年: SEP 2013

第 26 条，共 52 条

标题: Improved activity and stability in CO oxidation of bimetallic Au-Cu/TiO2 catalysts prepared by deposition-precipitation with urea

作者: Sandoval, A (Sandoval, Alberto); Louis, C (Louis, Catherine); Zanella, R (Zanella, Rodolfo)

来源出版物: APPLIED CATALYSIS B-ENVIRONMENTAL 卷: 140 页: 363-377 DOI: 10.1016/j.apcatb.2013.04.039 出版年: AUG-SEP 2013

第 27 条，共 52 条

标题: CuS2-Passivated Au-Core, Au3Cu-Shell Nanoparticles Analyzed by Atomistic-Resolution Cs-Corrected STEM

作者: Khanal, S (Khanal, Subarna); Casillas, G (Casillas, Gilberto); Bhattarai, N (Bhattarai, Nabraj); Velazquez-Salazar, JJ (Velazquez-Salazar, J. Jesus); Santiago, U (Santiago, Ulises); Ponce, A (Ponce, Arturo); Mejia-Rosales, S (Mejia-Rosales, Sergio); Jose-Yacaman, M (Jose-Yacaman, Miguel)

来源出版物: LANGMUIR 卷: 29 期: 29 页: 9231-9239 DOI: 10.1021/la401598e 出版年: JUL 23 2013

第 28 条，共 52 条

标题: Composition-Dependent Morphostructural Properties of Ni-Cu Oxide Nanoparticles Confined within the Channels of Ordered Mesoporous SBA-15 Silica

作者: Ungureanu, A (Ungureanu, Adrian); Dragoi, B (Dragoi, Brindusa); Chirieac, A (Chirieac, Alexandru); Ciotonea, C (Ciotonea, Carmen); Royer, S (Royer, Sebastien); Duprez, D (Duprez, Daniel); Mamede, AS (Mamede, Anne Sophie); Dumitriu, E (Dumitriu, Emil)

来源出版物: ACS APPLIED MATERIALS & INTERFACES 卷: 5 期: 8 页: 3010-3025 DOI: 10.1021/am302733m 出版年: APR 24 2013

第 29 条，共 52 条

标题: Beneficial Effect of Cu on a Cu-Modified Au Catalytic Surface for CO Oxidation Reaction: A DFT Study

作者: Hussain, A (Hussain, Akhtar)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 117 期: 10 页: 5084-5094 DOI: 10.1021/jp3111887 出版年: MAR 14 2013

第 30 条，共 52 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 31 条，共 52 条

标题: Zeolite MCM-22 Modified with Au and Cu for Catalytic Total Oxidation of Methanol and Carbon Monoxide

作者: Kaminski, P (Kaminski, Piotr); Sobczak, I (Sobczak, Izabela); Decyk, P (Decyk, Piotr); Ziolek, M (Ziolek, Maria); Roth, WJ (Roth, Wieslaw J.); Campo, B (Campo, Betiana); Daturi, M (Daturi, Marco)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 117 期: 5 页: 2147-2159 DOI: 10.1021/jp310505y 出版年: FEB 7 2013

第 32 条，共 52 条

标题: Supported Au-Cu Bimetallic Alloy Nanoparticles: An Aerobic Oxidation Catalyst with Regenerable Activity by Visible-Light Irradiation

作者: Sugano, Y (Sugano, Yoshitsune); Shiraishi, Y (Shiraishi, Yasuhiro); Tsukamoto, D (Tsukamoto, Daijiro); Ichikawa, S (Ichikawa, Satoshi); Tanaka, S (Tanaka, Shunsuke); Hirai, T (Hirai, Takayuki)

来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION 卷: 52 期: 20 页: 5295-5299 DOI: 10.1002/anie.201301669 出版年: 2013

第 33 条，共 52 条

标题: Synthesis and catalytic activity of monodisperse gold-mesoporous silica core-shell nanocatalysts

作者: Sekhar, ACS (Sekhar, A. C. Sunil); Meera, CJ (Meera, C. J.); Ziyad, KV (Ziyad, K. V.); Gopinath, CS (Gopinath, Chinnakonda S.); Vinod, CP (Vinod, C. P.)

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY 卷: 3 期: 5 页: 1190-1193 DOI: 10.1039/c3cy20772b 出版年: 2013

第 34 条，共 52 条

标题: Silica-Supported Au-CuOx Hybrid Nanocrystals as Active and Selective Catalysts for the Formation of Acetaldehyde from the Oxidation of Ethanol

作者: Bauer, JC (Bauer, J. Chris); Veith, GM (Veith, Gabriel M.); Allard, LF (Allard, Lawrence F.); Oyola, Y (Oyola, Yatsandra); Overbury, SH (Overbury, Steve H.); Dai, S (Dai, Sheng)

来源出版物: ACS CATALYSIS 卷: 2 期: 12 页: 2537-2546 DOI: 10.1021/cs300551r 出版年: DEC 2012

第 35 条，共 52 条

标题: Role of Support-Nanoalloy Interactions in the Atomic-Scale Structural and Chemical Ordering for Tuning Catalytic Sites

作者: Yang, LF (Yang, Lefu); Shan, SY (Shan, Shiyao); Loukrakpam, R (Loukrakpam, Rameshwori); Petkov, V (Petkov, Valeri); Ren, Y (Ren, Yang); Wanjala, BN (Wanjala, Bridgid N.); Engelhard, MH (Engelhard, Mark H.); Luo, J (Luo, Jin); Yin, J (Yin, Jun); Chen, YS (Chen, Yongsheng); Zhong, CJ (Zhong, Chuan-Jian)

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 卷: 134 期: 36 页: 15048-15060 DOI: 10.1021/ja3060035 出版年: SEP 12 2012

第 36 条，共 52 条

标题: Activation and Deactivation of Au-Cu/SBA-15 Catalyst for Preferential Oxidation of CO in H-2-Rich Gas

作者: Li, X (Li, Xu); Fang, SSS (Fang, Stella See Soon); Teo, J (Teo, Jaclyn); Foo, YL (Foo, Yong Lim); Borgna, A (Borgna, Armando); Lin, M (Lin, Ming); Zhong, ZY (Zhong, Ziyi)

来源出版物: ACS CATALYSIS 卷: 2 期: 3 页: 360-369 DOI: 10.1021/cs200536a 出版年: MAR 2012

第 37 条，共 52 条

标题: Laser-assisted synthesis of Au-Ag alloy nanoparticles with tunable surface plasmon resonance frequency

作者: Kuladeep, R (Kuladeep, R.); Jyothi, L (Jyothi, L.); Alee, KS (Alee, K. Shadak); Deepak, KLN (Deepak, K. L. N.); Rao, DN (Rao, D. Narayana)

来源出版物: OPTICAL MATERIALS EXPRESS 卷: 2 期: 2 页: 161-172 出版年: FEB 1 2012

第 38 条，共 52 条

标题: Compositional dependence of the stability of AuCu alloy nanoparticles

作者: Xu, ZC (Xu, Zhichuan); Lai, EC (Lai, Erica); Shao-Horn, Y (Shao-Horn, Yang); Hamad-Schifferli, K (Hamad-Schifferli, Kimberly)

来源出版物: CHEMICAL COMMUNICATIONS 卷: 48 期: 45 页: 5626-5628 DOI: 10.1039/c2cc31576a 出版年: 2012

第 39 条，共 52 条

标题: Facile one-pot synthesis of Pt nanoparticles/SBA-15: an active and stable material for catalytic applications

作者: Zhu, JJ (Zhu, Junjiang); Xie, XA (Xie, Xiao); Carabineiro, SAC (Carabineiro, Sonia A. C.); Tavares, PB (Tavares, Pedro B.); Figueiredo, JL (Figueiredo, Jose L.); Schomacker, R (Schomaecker, Reinhard); Thomas, A (Thomas, Arne)

来源出版物: ENERGY & ENVIRONMENTAL SCIENCE 卷: 4 期: 6 页: 2020-2024 DOI: 10.1039/c1ee01040a 出版年: JUN 2011

第 40 条，共 52 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 41 条，共 52 条

标题: Synthesis of Au(Core)/Ag(Shell) Nanoparticles and their Conversion to AuAg Alloy Nanoparticles

作者: Shore, MS (Shore, Matthew S.); Wang, JW (Wang, Junwei); Johnston-Peck, AC (Johnston-Peck, Aaron C.); Oldenburg, AL (Oldenburg, Amy L.); Tracy, JB (Tracy, Joseph B.)

来源出版物: SMALL 卷: 7 期: 2 页: 230-234 DOI: 10.1002/smll.201001138 出版年: JAN 17 2011

第 42 条，共 52 条

标题: Understanding the effect of thermal treatments on the structure of CuAu/SiO2 catalysts and their performance in propene oxidation

作者: Bracey, CL (Bracey, Charlotte L.); Carley, AF (Carley, Albert F.); Edwards, JK (Edwards, Jennifer K.); Ellis, PR (Ellis, Peter R.); Hutchings, GJ (Hutchings, Graham J.)

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY 卷: 1 期: 1 页: 76-85 DOI: 10.1039/c0cy00003e 出版年: 2011

第 43 条，共 52 条

标题: Harnessing molecule-solid duality of nanoclusters/nanoparticles for nanoscale control of size, shape and alloying

作者: Yin, J (Yin, Jun); Hu, PP (Hu, Peipei); Wanjala, B (Wanjala, Bridgid); Malis, O (Malis, Oana); Zhong, CJ (Zhong, Chuan-Jian)

来源出版物: CHEMICAL COMMUNICATIONS 卷: 47 期: 35 页: 9885-9887 DOI: 10.1039/c1cc13634h 出版年: 2011

第 44 条，共 52 条

标题: Synthesis of highly thermostable copper-nickel nanoparticles confined in the channels of ordered mesoporous SBA-15 silica

作者: Ungureanu, A (Ungureanu, Adrian); Dragoi, B (Dragoi, Brindusa); Chirieac, A (Chirieac, Alexandru); Royer, S (Royer, Sebastien); Duprez, D (Duprez, Daniel); Dumitriu, E (Dumitriu, Emil)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY 卷: 21 期: 33 页: 12529-12541 DOI: 10.1039/c1jm10971e 出版年: 2011

第 45 条，共 52 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 46 条，共 52 条

标题: Synthesis of silica supported AuCu nanoparticle catalysts and the effects of pretreatment conditions for the CO oxidation reaction

作者: Bauer, JC (Bauer, J. Chris); Mullins, D (Mullins, David); Li, MJ (Li, Meijun); Wu, ZL (Wu, Zili); Payzant, EA (Payzant, E. Andrew); Overbury, SH (Overbury, Steven H.); Dai, S (Dai, Sheng)

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS 卷: 13 期: 7 页: 2571-2581 DOI: 10.1039/c0cp01859g 出版年: 2011

第 47 条，共 52 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

第 48 条，共 52 条

标题: Cu-Au-Ag Alloy Nanoparticles Incorporated Silica Films Using a New Three-Layer Deposition Technique

作者: Pal, S (Pal, Sudipto); Bysakh, S (Bysakh, Sandip); De, G (De, Goutam)

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 卷: 10 期: 2 页: 775-783 DOI: 10.1166/jnn.2010.1803 出版年: FEB 2010

第 49 条，共 52 条

标题: Bimetallic Au-Ni Nanoparticles Embedded in SiO2 Nanospheres: Synergetic Catalysis in Hydrolytic Dehydrogenation of Ammonia Borane

作者: Jiang, HL (Jiang, Hai-Long); Umegaki, T (Umegaki, Tetsuo); Akita, T (Akita, Tomoki); Zhang, XB (Zhang, Xin-Bo); Haruta, M (Haruta, Masatake); Xu, Q (Xu, Qiang)

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL 卷: 16 期: 10 页: 3132-3137 DOI: 10.1002/chem.200902829 出版年: 2010

第 50 条，共 52 条

标题: The effect of copper on the selective carbon monoxide oxidation over alumina supported gold catalysts

作者: Mozer, TS (Mozer, Thiago S.); Dziuba, DA (Dziuba, Dominika A.); Vieira, CTP (Vieira, Carlos T. P.); Passos, FB (Passos, Fabio B.)

来源出版物: JOURNAL OF POWER SOURCES 卷: 187 期: 1 页: 209-215 DOI: 10.1016/j.jpowsour.2008.10.068 出版年: FEB 1 2009

第 51 条，共 52 条

标题: Stacking Structure of Confined 1-Butanol in SBA-15 Investigated by Solid-State NMR Spectroscopy

作者: Lin, YC (Lin, Yun-Chih); Chou, HL (Chou, Hung-Lung); Sarma, LS (Sarma, Loka Subramanyam); Hwang, BJ (Hwang, Bing-Joe)

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL 卷: 15 期: 40 页: 10658-10665 DOI: 10.1002/chem.200901636 出版年: 2009

第 52 条，共 52 条

标题: Selective epoxidation of alkenes using highly active V-SBA-15 materials: microwave vs. conventional heating

作者: Jurado, MJ (Jose Jurado, Maria); Gracia, MD (Dolores Gracia, Maria); Campelo, JM (Manuel Campelo, Juan); Luque, R (Luque, Rafael); Marinas, JM (Maria Marinas, Jose); Romero, AA (Angel Romero, Antonio)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY 卷: 19 期: 45 页: 8603-8609 DOI: 10.1039/b910891b 出版年: 2009

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**二、引用论文第一产权单位为国内机构**

第 1 条，共 72 条

标题: Low-temperature CO oxidation over unsupported nanoporous gold catalysts with active or inert oxide residues

作者: Duan, HM (Duan, Huimei); Xu, CX (Xu, Caixia)

来源出版物: JOURNAL OF CATALYSIS 卷: 332 页: 31-37 DOI: 10.1016/j.jcat.2015.08.014 出版年: DEC 2015

第 2 条，共 72 条

标题: A review of plasma-liquid interactions for nanomaterial synthesis

作者: Chen, Q (Chen, Qiang); Li, JS (Li, Junshuai); Li, YF (Li, Yongfeng)

来源出版物: JOURNAL OF PHYSICS D-APPLIED PHYSICS 卷: 48 期: 42 文献号: 424005 DOI: 10.1088/0022-3727/48/42/424005 出版年: OCT 28 2015

第 3 条，共 72 条

标题: Ruthenium nanoparticles confined in SBA-15 as highly efficient catalyst for hydrolytic dehydrogenation of ammonia borane and hydrazine borane

作者: Yao, QL (Yao, Qilu); Lu, ZH (Lu, Zhang-Hui); Yang, KK (Yang, Kangkang); Chen, XS (Chen, Xiangshu); Zhu, MH (Zhu, Meihua)

来源出版物: SCIENTIFIC REPORTS 卷: 5 文献号: 15186 DOI: 10.1038/srep15186 出版年: OCT 16 2015

第 4 条，共 72 条

标题: Hydrogenation of isoprene over gold supported on CeO2, ZrO2, SiO2 and N-SiO2

作者: Yang, K (Yang, Kang); Liu, CG (Liu, Chenguang)

来源出版物: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY 卷: 28 页: 161-170 DOI: 10.1016/j.jiec.2015.01.026 出版年: AUG 25 2015

第 5 条，共 72 条

标题: Synthesis and Characterization of Cu2O/Au and Its Application in Catalytic Reduction of 4-Nitrophenol

作者: Guo, XH (Guo, X. H.); Ma, JQ (Ma, J. Q.); Ge, HG (Ge, H. G.)

来源出版物: RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A 卷: 89 期: 8 页: 1374-1380 DOI: 10.1134/S0036024415080142 出版年: AUG 2015

第 6 条，共 72 条

标题: Loading oxide nano sheet supported Ni-Co alloy nanoparticles on the macroporous walls of monolithic alumina and their catalytic performance for ethanol steam reforming

作者: Yue, YZ (Yue, Yizhi); Liu, F (Liu, Fen); Zhao, L (Zhao, Lin); Zhang, LH (Zhang, Lihong); Liu, Y (Liu, Yuan)

来源出版物: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 卷: 40 期: 22 页: 7052-7063 DOI: 10.1016/j.ijhydene.2015.04.036 出版年: JUN 15 2015

第 7 条，共 72 条

标题: Effect of metal species on the morphology of metal (oxides) within mesochannels of SBA-15 via a double-solvent method

作者: Huang, XB (Huang, Xiubing); Zhao, GX (Zhao, Guixia); Wang, G (Wang, Ge); Tang, YH (Tang, Yinhai); Shi, Z (Shi, Zhan)

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS 卷: 207 页: 105-110 DOI: 10.1016/j.micromeso.2015.01.008 出版年: MAY 1 2015

第 8 条，共 72 条

标题: Synergistic Effect of Double-Shelled and Sandwiched TiO2@Au@C Hollow Spheres with Enhanced Visible-Light-Driven Photocatalytic Activity

作者: Cai, JB (Cai, Jiabai); Wu, XQ (Wu, Xueqing); Li, SX (Li, Shunxing); Zheng, FY (Zheng, Fengying); Zhu, LC (Zhu, Licong); Lai, ZH (Lai, Zhanghua)

来源出版物: ACS APPLIED MATERIALS & INTERFACES 卷: 7 期: 6 页: 3764-3772 DOI: 10.1021/am508554t 出版年: FEB 18 2015

第 9 条，共 72 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 10 条，共 72 条

标题: Synthesis of alumina supported Pd-Cu alloy nanoparticles for CO oxidation via a fast and facile method

作者: Di, LB (Di, Lanbo); Xu, WJ (Xu, Weijie); Zhan, ZB (Zhan, Zhibin); Zhang, XL (Zhang, Xiuling)

来源出版物: RSC ADVANCES 卷: 5 期: 88 页: 71854-71858 DOI: 10.1039/c5ra13813b 出版年: 2015

第 11 条，共 72 条

标题: Mercaptosilane-assisted synthesis of sub-nanosized Pt particles within hierarchically porous ZSM-5/SBA-15 materials and their enhanced hydrogenation properties

作者: Gao, DW (Gao, Daowei); Zheng, AM (Zheng, Anmin); Zhang, X (Zhang, Xin); Sun, H (Sun, Hui); Dai, XP (Dai, Xiaoping); Yang, Y (Yang, Ying); Wang, H (Wang, Hai); Qin, YC (Qin, Yuchen); Xu, ST (Xu, Shutao); Duan, AJ (Duan, Aijun)

来源出版物: NANOSCALE 卷: 7 期: 25 页: 10918-10924 DOI: 10.1039/c5nr02749g 出版年: 2015

第 12 条，共 72 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 13 条，共 72 条

标题: DFT study of CO oxidation on Cu2O-Au interfaces at Au-Cu alloy surfaces

作者: Liu, D (Liu, D.); Zhu, YF (Zhu, Y. F.); Jiang, Q (Jiang, Q.)

来源出版物: RSC ADVANCES 卷: 5 期: 2 页: 1587-1597 DOI: 10.1039/c4ra10881g 出版年: 2015

第 14 条，共 72 条

标题: Fibrous nano-silica containing immobilized Ni@Au core-shell nanoparticles: A highly active and reusable catalyst for the reduction of 4-nitrophenol and 2-nitroaniline

作者: Le, XD (Le, Xuanduong); Dong, ZP (Dong, Zhengping); Zhang, W (Zhang, Wei); Li, XL (Li, Xinlin); Ma, JT (Ma, Jiantai)

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL 卷: 395 页: 58-65 DOI: 10.1016/j.molcata.2014.08.002 出版年: DEC 2014

第 15 条，共 72 条

标题: Preparation and characterization of Au@TiO2 core-shell hollow nanoparticles with CO oxidation performance

作者: Zhou, NN (Zhou, Ningning); He, BB (He, Beibei); Wang, XH (Wang, Xiaohong); Hu, ZY (Hu, Zhiyu)

来源出版物: JOURNAL OF NANOPARTICLE RESEARCH 卷: 16 期: 11 文献号: 2676 DOI: 10.1007/s11051-014-2676-8 出版年: NOV 2014

第 16 条，共 72 条

标题: Immobilization of Ultrafine Bimetallic Ni-Pt Nanoparticles Inside the Pores of Metal-Organic Frameworks as Efficient Catalysts for Dehydrogenation of Alkaline Solution of Hydrazine

作者: Cao, N (Cao, Nan); Yang, L (Yang, Lan); Dai, HM (Dai, Hongmei); Liu, T (Liu, Teng); Su, J (Su, Jun); Wu, XJ (Wu, Xiaojun); Luo, W (Luo, Wei); Cheng, GZ (Cheng, Gongzhen)

来源出版物: INORGANIC CHEMISTRY 卷: 53 期: 19 页: 10122-10128 DOI: 10.1021/ic5010352 出版年: OCT 6 2014

第 17 条，共 72 条

标题: Density functional study of molecular nitrogen adsorption on gold-copper and gold-silver binary clusters

作者: Zhao, S (Zhao, Shuang); Tian, XZ (Tian, XinZhe); Liu, JN (Liu, JunNa); Ren, YL (Ren, YunLai); Wang, JJ (Wang, JianJi)

来源出版物: JOURNAL OF MOLECULAR MODELING 卷: 20 期: 10 文献号: 2467 DOI: 10.1007/s00894-014-2467-2 出版年: OCT 2014

第 18 条，共 72 条

标题: Liquid-Phase Hydrogenation of Cinnamaldehyde over Cu-Au/SiO2 Catalysts

作者: Yuan, X (Yuan, Xiang); Zheng, JW (Zheng, Jianwei); Zhang, Q (Zhang, Qian); Li, SR (Li, Shuirong); Yang, YH (Yang, Yanhui); Gong, JL (Gong, Jinlong)

来源出版物: AICHE JOURNAL 卷: 60 期: 9 页: 3300-3311 DOI: 10.1002/aic.14522 出版年: SEP 2014

第 19 条，共 72 条

标题: Theoretical Study of the Catalytic CO Oxidation by Pt Catalyst Supported on Ge-Doped Graphene

作者: Tang, YN (Tang, Yanan); Yang, ZX (Yang, Zongxian); Dai, XQ (Dai, Xianqi); Lu, ZS (Lu, Zhansheng); Zhang, YX (Zhang, Yanxing); Fu, ZM (Fu, Zhaoming)

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 卷: 14 期: 9 页: 7117-7124 DOI: 10.1166/jnn.2014.8663 出版年: SEP 2014

第 20 条，共 72 条

标题: Density functional study of CH3OH binding on small cationic CunAum+ (n + m <= 5) clusters

作者: Zhao, S (Zhao, Shuang); Tang, HY (Tang, HongYan); Ren, YL (Ren, YunLai); Xu, AR (Xu, AiRong); Wang, JJ (Wang, JianJi)

来源出版物: COMPUTATIONAL AND THEORETICAL CHEMISTRY 卷: 1037 页: 14-21 DOI: 10.1016/j.comptc.2014.03.020 出版年: JUN 1 2014

第 21 条，共 72 条

标题: Facile Fabrication of Composition-Tuned Ru-Ni Bimetallics in Ordered Mesoporous Carbon for Levulinic Acid Hydrogenation

作者: Yang, Y (Yang, Ying); Gao, G (Gao, Guang); Zhang, X (Zhang, Xin); Li, FW (Li, Fuwei)

来源出版物: ACS CATALYSIS 卷: 4 期: 5 页: 1419-1425 DOI: 10.1021/cs401030u 出版年: MAY 2014

第 22 条，共 72 条

标题: Charaterization and catalytic activity of CuO and NiO supported on ZrO2 for CO low temperature oxidation

作者: Chen, Z (Chen Zhi); Xie, YL (Xie Yi-Long); Qiu, JX (Qiu Jin-Xing); Chen, ZH (Chen Zhong-He)

编者: Kim YH; Yarlagadda P

来源出版物: MATERIALS, MECHANICAL AND MANUFACTURING ENGINEERING 丛书: Advanced Materials Research 卷: 842 页: 237-241 DOI: 10.4028/www.scientific.net/AMR.842.237 出版年: 2014

第 23 条，共 72 条

标题: Noble metal nanoparticle@metal oxide core/yolk-shell nanostructures as catalysts: recent progress and perspective

作者: Li, GD (Li, Guodong); Tang, ZY (Tang, Zhiyong)

来源出版物: NANOSCALE 卷: 6 期: 8 页: 3995-4011 DOI: 10.1039/c3nr06787d 出版年: 2014

第 24 条，共 72 条

标题: Ce0.9Fe0.1O1.97/Ag: a cheaper inverse catalyst with excellent oxygen storage capacity and improved activity towards CO oxidation

作者: Zuo, Y (Zuo, Ying); Li, LP (Li, Liping); Huang, XS (Huang, Xinsong); Li, GS (Li, Guangshe)

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY 卷: 4 期: 2 页: 402-410 DOI: 10.1039/c3cy00722g 出版年: 2014

第 25 条，共 72 条

标题: Catalytic activity of Ag/SBA-15 for low-temperature gas-phase selective oxidation of benzyl alcohol to benzaldehyde

作者: Ma, L (Ma, Liang); Jia, LH (Jia, Lihua); Guo, XF (Guo, Xiangfeng); Xiang, LJ (Xiang, Lijun)

来源出版物: CHINESE JOURNAL OF CATALYSIS 卷: 35 期: 1 页: 108-119 DOI: 10.1016/S1872-2067(12)60720-7 出版年: JAN 2014

第 26 条，共 72 条

标题: Low-Temperature Carbon Monoxide Oxidation with Au-Cu Meatball-Like Cages Prepared by Galvanic Replacement

作者: Zhou, CJ (Zhou, Changjiang); Jiang, X (Jiang, Xi); Yang, LN (Yang, Lini); Yin, YD (Yin, Yadong); Jin, MS (Jin, Mingshang)

来源出版物: CHEMSUSCHEM 卷: 6 期: 10 特刊: SI 页: 1883-1887 DOI: 10.1002/cssc.201300401 出版年: OCT 2013

第 27 条，共 72 条

标题: Selective oxidation of ethanol to acetaldehyde by Au-Ir catalysts

作者: Guan, YJ (Guan, Yejun); Hensen, EJM (Hensen, Emiel J. M.)

来源出版物: JOURNAL OF CATALYSIS 卷: 305 页: 135-145 DOI: 10.1016/j.jcat.2013.04.023 出版年: SEP 2013

第 28 条，共 72 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 29 条，共 72 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 30 条，共 72 条

标题: The roles of hydroxyapatite and FeOx in a Au/FeOx-hydroxyapatite catalyst for CO oxidation

作者: Zhao, KF (Zhao Kunfeng); Qiao, BT (Qiao Botao); Zhang, YJ (Zhang Yanjie); Wang, JH (Wang Junhu)

来源出版物: CHINESE JOURNAL OF CATALYSIS 卷: 34 期: 7 页: 1386-1394 DOI: 10.1016/S1872-2067(12)60590-7 出版年: JUL 2013

第 31 条，共 72 条

标题: Homogeneously dispersed gold nanoparticles stabilized on the walls of ordered mesoporous carbon via a simple and repeatable method with enhanced hydrogenation properties for nitro-group

作者: Gu, HZ (Gu, Huizi); Xu, XS (Xu, Xiangsheng); Li, Y (Li, Ying); Chen, AA (Chen, Ao-Ang); Ao, P (Ao, Ping); Yan, XH (Yan, Xinhuan)

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS 卷: 173 页: 189-196 DOI: 10.1016/j.micromeso.2013.02.018 出版年: JUN 2013

第 32 条，共 72 条

标题: Formation, Stabilities, and Electronic and Catalytic Performance of Platinum Catalyst Supported on Non-Metal-Doped Graphene

作者: Tang, YN (Tang, Yanan); Yang, ZX (Yang, Zongxian); Dai, XQ (Dai, Xianqi); Ma, DW (Ma, Dongwei); Fu, ZM (Fu, Zhaoming)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 117 期: 10 页: 5258-5268 DOI: 10.1021/jp400202e 出版年: MAR 14 2013

第 33 条，共 72 条

标题: Electrodeposition Synthesis of Au-Cu Heterojunction Nanowires and Their Optical Properties

作者: Zhao, X (Zhao, Xue); Wu, YZ (Wu, Yongzhong); Hao, XP (Hao, Xiaopeng)

来源出版物: INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE 卷: 8 期: 2 页: 1903-1910 出版年: FEB 2013

第 34 条，共 72 条

标题: Theoretical investigation on CO oxidation catalyzed by a copper nanocluster

作者: Tang, DY (Tang, Dianyong); Zhang, J (Zhang, Jin)

来源出版物: RSC ADVANCES 卷: 3 期: 35 页: 15225-15236 DOI: 10.1039/c3ra41284a 出版年: 2013

第 35 条，共 72 条

标题: Fabrication of SBA-15 supported Ag@Au-Ag metal-core/alloy-shell nanoparticles for CO oxidation

作者: Yang, LN (Yang, Lini); Qi, ML (Qi, Menglu); Jin, MS (Jin, Mingshang)

来源出版物: CRYSTENGCOMM 卷: 15 期: 15 页: 2804-2808 DOI: 10.1039/c3ce26992b 出版年: 2013

第 36 条，共 72 条

标题: A new strategy for the surface-free-energy-distribution induced selective growth and controlled formation of Cu2O-Au hierarchical heterostructures with a series of morphological evolutions

作者: Zhu, H (Zhu, Han); Du, ML (Du, MingLiang); Yu, DL (Yu, DongLiang); Wang, Y (Wang, Yin); Wang, LN (Wang, LiNa); Zou, ML (Zou, MeiLing); Zhang, M (Zhang, Ming); Fu, YQ (Fu, YaQin)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY A 卷: 1 期: 3 页: 919-929 DOI: 10.1039/c2ta00591c 出版年: 2013

第 37 条，共 72 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 38 条，共 72 条

标题: Gold-Copper Nanoparticles: Nanostructural Evolution and Bifunctional Catalytic Sites

作者: Yin, J (Yin, Jun); Shan, SY (Shan, Shiyao); Yang, LF (Yang, Lefu); Mott, D (Mott, Derrick); Malis, O (Malis, Oana); Petkov, V (Petkov, Valeri); Cai, F (Cai, Fan); Ng, MS (Ng, Mei Shan); Luo, J (Luo, Jin); Chen, BH (Chen, Bing H.); Engelhard, M (Engelhard, Mark); Zhong, CJ (Zhong, Chuan-Jian)

来源出版物: CHEMISTRY OF MATERIALS 卷: 24 期: 24 页: 4662-4674 DOI: 10.1021/cm302097c 出版年: DEC 25 2012

第 39 条，共 72 条

标题: An Au-Cu Bimetal Catalyst Supported on Mesoporous TiO2 with Stable Catalytic Performance in CO Oxidation

作者: Li, LC (Li Licheng); Wang, CS (Wang Changsong); Ma, XX (Ma Xuanxuan); Yang, ZH (Yang Zhuhong); Lu, XH (Lu Xiaohua)

来源出版物: CHINESE JOURNAL OF CATALYSIS 卷: 33 期: 11 页: 1778-1782 DOI: 10.1016/S1872-2067(11)60471-3 出版年: NOV 2012

第 40 条，共 72 条

标题: Facile synthesis of core-shell Au@CeO2 nanocomposites with remarkably enhanced catalytic activity for CO oxidation

作者: Qi, J (Qi, Jian); Chen, J (Chen, Jie); Li, GD (Li, Guodong); Li, SX (Li, Shunxing); Gao, Y (Gao, Yan); Tang, ZY (Tang, Zhiyong)

来源出版物: ENERGY & ENVIRONMENTAL SCIENCE 卷: 5 期: 10 页: 8937-8941 DOI: 10.1039/c2ee22600f 出版年: OCT 2012

第 41 条，共 72 条

标题: Synthesis of Pt Nanoparticles Decorated 1,5-Diaminoanthraquinone Nanofibers and Their Application Toward Catalytic Reduction of 4-Nitrophenol

作者: Chang, GH (Chang, Guohui); Luo, YL (Luo, Yonglan); Qin, XY (Qin, Xiaoyun); Lu, WB (Lu, Wenbo); Asiri, AM (Asiri, Abdullah M.); Al-Youbi, AO (Al-Youbi, Abdulrahman O.); Sun, XP (Sun, Xuping)

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 卷: 12 期: 9 页: 7075-7080 DOI: 10.1166/jnn.2012.6566 出版年: SEP 2012

第 42 条，共 72 条

标题: Density functional study of NOx binding on small AunCum (n plus m <= 5) clusters

作者: Zhao, S (Zhao, Shuang); Lu, WW (Lu, WeiWei); Ren, YL (Ren, YunLai); Ren, YL (Ren, YunLi); Wang, JJ (Wang, JianJi); Yin, WP (Yin, WeiPing)

来源出版物: COMPUTATIONAL AND THEORETICAL CHEMISTRY 卷: 993 页: 90-96 DOI: 10.1016/j.comptc.2012.05.037 出版年: AUG 1 2012

第 43 条，共 72 条

标题: Synthesis of Stable SiO2@Au-Nanoring Colloids as Recyclable Catalysts: Galvanic Replacement Taking Place on the Surface

作者: You, L (You, Liang); Mao, YW (Mao, Yiwu); Ge, JP (Ge, Jianping)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 116 期: 19 页: 10753-10759 DOI: 10.1021/jp2119185 出版年: MAY 17 2012

第 44 条，共 72 条

标题: Density Functional Study of Cationic and Anionic AgmCun (m+n <= 5) Clusters

作者: Zhao, S (Zhao Shuang); Lu, WW (Lu Wei-Wei); Ren, YL (Ren Yun-Lai); Wang, JJ (Wang Jian-Ji); Yin, WP (Yin Wei-Ping)

来源出版物: COMMUNICATIONS IN THEORETICAL PHYSICS 卷: 57 期: 3 页: 452-458 DOI: 10.1088/0253-6102/57/3/17 出版年: MAR 2012

第 45 条，共 72 条

标题: Synthesis and catalytic activity of Au-supported porous TiO2 nanospheres for CO oxidation

作者: Zhang, J (Zhang, Jun); Liu, XH (Liu, Xianghong); Wang, SR (Wang, Shurong); Wu, SH (Wu, Shihua); Cao, BQ (Cao, Bingqiang); Zheng, SH (Zheng, Shaohua)

来源出版物: POWDER TECHNOLOGY 卷: 217 页: 585-590 DOI: 10.1016/j.powtec.2011.11.027 出版年: FEB 2012

第 46 条，共 72 条

标题: Influence of Reductants on the Catalytic Properties of Nano-Gold Suported on Mesoporous SBA-15 for Glucose Oxidation

作者: Wang, CX (Wang, Chaoxian); Li, YX (Li, Yongxiu); Liu, H (Liu, Hui); Ye, LW (Ye, Longwei); Sun, CY (Sun, Changyong); Fang, YW (Fang, Yiwen); Song, YB (Song, Yibing)

编者: Liu Z; Peng F; Liu X

来源出版物: ADVANCES IN CHEMICAL ENGINEERING II, PTS 1-4 丛书: Advanced Materials Research 卷: 550-553 页: 220-224 DOI: 10.4028/www.scientific.net/AMR.550-553.220 出版年: 2012

第 47 条，共 72 条

标题: Remarkable enhancement of Cu catalyst activity in hydrogenation of dimethyl oxalate to ethylene glycol using gold

作者: Wang, YN (Wang, Ya-nan); Duan, XP (Duan, Xinping); Zheng, JW (Zheng, Jianwei); Lin, HQ (Lin, Haiqiang); Yuan, YZ (Yuan, Youzhu); Ariga, H (Ariga, Hiroko); Takakusagi, S (Takakusagi, Satoru); Asakura, K (Asakura, Kiyotaka)

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY 卷: 2 期: 8 页: 1637-1639 DOI: 10.1039/c2cy20154b 出版年: 2012

第 48 条，共 72 条

标题: In situ synthesis of magnetically recyclable graphene-supported Pd@Co core-shell nanoparticles as efficient catalysts for hydrolytic dehydrogenation of ammonia borane

作者: Wang, J (Wang, Jun); Qin, YL (Qin, Yu-Ling); Liu, X (Liu, Xiang); Zhang, XB (Zhang, Xin-Bo)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY 卷: 22 期: 25 页: 12468-12470 DOI: 10.1039/c2jm32229c 出版年: 2012

第 49 条，共 72 条

标题: Ag-Cu Bimetallic Nanoparticles Prepared by Microemulsion Method as Catalyst for Epoxidation of Styrene

作者: Wang, HK (Wang, Hong-Kui); Yi, CY (Yi, Chao-Yong); Tian, L (Tian, Li); Wang, WJ (Wang, Wen-Juan); Fang, J (Fang, Jian); Zhao, JH (Zhao, Ji-Hua); Shen, WG (Shen, Wei-Guo)

来源出版物: JOURNAL OF NANOMATERIALS 文献号: 453915 DOI: 10.1155/2012/453915 出版年: 2012

第 50 条，共 72 条

标题: Gold Nanoparticles Intercalated into the Walls of Mesoporous Silica as a Versatile Redox Catalyst

作者: Chen, LF (Chen, Lifang); Hu, JC (Hu, Juncheng); Qi, ZW (Qi, Zhiwen); Fang, YJ (Fang, Yunjin); Richards, R (Richards, Ryan)

来源出版物: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 卷: 50 期: 24 页: 13642-13649 DOI: 10.1021/ie200606t 出版年: DEC 21 2011

第 51 条，共 72 条

标题: General preparation for Pt-based alloy nanoporous nanoparticles as potential nanocatalysts

作者: Wang, DS (Wang, Dingsheng); Zhao, P (Zhao, Peng); Li, YD (Li, Yadong)

来源出版物: SCIENTIFIC REPORTS 卷: 1 文献号: 37 DOI: 10.1038/srep00037 出版年: JUL 14 2011

第 52 条，共 72 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 53 条，共 72 条

标题: CO Catalytic Oxidation on Copper-Embedded Graphene

作者: Song, EH (Song, E. H.); Wen, Z (Wen, Z.); Jiang, Q (Jiang, Q.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 115 期: 9 页: 3678-3683 DOI: 10.1021/jp108978c 出版年: MAR 10 2011

第 54 条，共 72 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 55 条，共 72 条

标题: Preparation and Electrocatalysis Properties of Gold-Platinum Bimetallic Nanoparticles

作者: Li, ZC (Li Zhongchun); Liu, Y (Liu Yan); Shang, TM (Shang Tongming); Zhou, QF (Zhou Quanfa)

来源出版物: RARE METAL MATERIALS AND ENGINEERING 卷: 40 期: 2 页: 343-346 出版年: FEB 2011

第 56 条，共 72 条

标题: Nanocasting of CuAu alloy nanoparticles for methyl glycolate synthesis

作者: Yin, AY (Yin, Anyuan); Wen, C (Wen, Chao); Dai, WL (Dai, Wei-Lin); Fan, KN (Fan, Kangnian)

来源出版物: JOURNAL OF MATERIALS CHEMISTRY 卷: 21 期: 25 页: 8997-8999 DOI: 10.1039/c1jm10646e 出版年: 2011

第 57 条，共 72 条

标题: In situ green synthesis of Au nanostructures on graphene oxide and their application for catalytic reduction of 4-nitrophenol

作者: Zhang, YW (Zhang, Yingwei); Liu, S (Liu, Sen); Lu, WB (Lu, Wenbo); Wang, L (Wang, Lei); Tian, JQ (Tian, Jingqi); Sun, XP (Sun, Xuping)

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY 卷: 1 期: 7 页: 1142-1144 DOI: 10.1039/c1cy00205h 出版年: 2011

第 58 条，共 72 条

标题: In situ assembly of well-dispersed gold nanoparticles on electrospun silica nanotubes for catalytic reduction of 4-nitrophenol

作者: Zhang, ZY (Zhang, Zhenyi); Shao, CL (Shao, Changlu); Zou, P (Zou, Peng); Zhang, P (Zhang, Peng); Zhang, MY (Zhang, Mingyi); Mu, JB (Mu, Jingbo); Guo, ZC (Guo, Zengcai); Li, XH (Li, Xinghua); Wang, CH (Wang, Changhua); Liu, YC (Liu, Yichun)

来源出版物: CHEMICAL COMMUNICATIONS 卷: 47 期: 13 页: 3906-3908 DOI: 10.1039/c0cc05693f 出版年: 2011

第 59 条，共 72 条

标题: Ultrafine Gold Clusters Incorporated into a Metal-Organic Framework

作者: Jiang, HL (Jiang, Hai-Long); Lin, QP (Lin, Qi-Pu); Akita, T (Akita, Tomoki); Liu, B (Liu, Bo); Ohashi, H (Ohashi, Hironori); Oji, H (Oji, Hiroshi); Honma, T (Honma, Tetsuo); Takei, T (Takei, Takashi); Haruta, M (Haruta, Masatake); Xu, Q (Xu, Qiang)

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL 卷: 17 期: 1 页: 78-81 DOI: 10.1002/chem.201002088 出版年: 2011

第 60 条，共 72 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 61 条，共 72 条

标题: Oxidation Behavior of CO Catalyzed by Several Decahedral Au Clusters: Role of Cluster Stability and Electric Field

作者: Liu, W (Liu, W.); Zhu, YF (Zhu, Y. F.); Jiang, Q (Jiang, Q.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 114 期: 49 页: 21094-21099 DOI: 10.1021/jp107251a 出版年: DEC 16 2010

第 62 条，共 72 条

标题: A theoretical study of the atomic hydrogen binding on small AgnCum (n plus m <= 5) clusters

作者: Lou, XH (Lou, Xinhua); Gao, H (Gao, Hui); Wang, WZ (Wang, Weizhou); Xu, C (Xu, Chen); Zhang, H (Zhang, Hao); Zhang, ZJ (Zhang, Zhijie)

来源出版物: JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM 卷: 959 期: 1-3 页: 75-79 DOI: 10.1016/j.theochem.2010.08.009 出版年: NOV 15 2010

第 63 条，共 72 条

标题: Density Functional Theory Study on Electric Field Induced Structure Variations, Binding and Catalytic Properties in Several Low-Dimensional Systems

作者: Liu, W (Liu, W.); Jiang, Q (Jiang, Q.)

来源出版物: JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE 卷: 7 期: 11 页: 2225-2261 DOI: 10.1166/jctn.2010.1606 出版年: NOV 2010

第 64 条，共 72 条

标题: Synthesis and magnetic properties of CoFe2O4 nanoparticles confined within mesoporous silica

作者: Yan, XB (Yan, Xingbin); Chen, JT (Chen, Jiangtao); Xue, QJ (Xue, Qunji); Miele, P (Miele, Philippe)

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS 卷: 135 期: 1-3 页: 137-142 DOI: 10.1016/j.micromeso.2010.07.001 出版年: NOV 2010

第 65 条，共 72 条

标题: Preparation and Application of Porous Material Supported Gold Catalysts

作者: Song, HY (Song Haiyan); Li, G (Li Gang); Wang, XS (Wang Xiangsheng)

来源出版物: PROGRESS IN CHEMISTRY 卷: 22 期: 4 页: 573-579 出版年: APR 2010

第 66 条，共 72 条

标题: Catalytic epoxidation of stilbene with FePt@Cu nanowires and molecular oxygen

作者: Hu, L (Hu, Lei); Shi, LY (Shi, Linyan); Hong, HY (Hong, Haiyan); Li, M (Li, Min); Bao, QY (Bao, Qinye); Tang, JX (Tang, Jianxin); Ge, JF (Ge, Jianfeng); Lu, JM (Lu, Jianmei); Cao, XQ (Cao, Xueqin); Gu, HW (Gu, Hongwei)

来源出版物: CHEMICAL COMMUNICATIONS 卷: 46 期: 45 页: 8591-8593 DOI: 10.1039/c0cc03204b 出版年: 2010

第 67 条，共 72 条

标题: Oxidation of CO Catalyzed by a Cu Cluster: Influence of an Electric Field

作者: Liu, W (Liu, Wei); Zhao, YH (Zhao, Yonghao); Zhang, RQ (Zhang, Renqin); Li, Y (Li, Ying); Lavernia, EJ (Lavernia, Enrique J.); Jiang, Q (Jiang, Qing)

来源出版物: CHEMPHYSCHEM 卷: 10 期: 18 页: 3295-3302 DOI: 10.1002/cphc.200900431 出版年: DEC 21 2009

第 68 条，共 72 条

标题: Designed Preparation and Catalysis of Smectite Clay-Based Catalytic Materials

作者: Tong, DS (Tong Dongshen); Xia, HS (Xia Housheng); Zhou, CH (Zhou Chunhui)

来源出版物: CHINESE JOURNAL OF CATALYSIS 卷: 30 期: 11 页: 1170-1187 出版年: NOV 2009

第 69 条，共 72 条

标题: One Pot Synthesis of Ultra-High Copper Contented Cu/SBA-15 Material as Excellent Catalyst in the Hydrogenation of Dimethyl Oxalate to Ethylene Glycol

作者: Guo, XY (Guo, Xiuying); Yin, AY (Yin, Anyuan); Dai, WL (Dai, Wei-Lin); Fan, KN (Fan, Kangnian)

来源出版物: CATALYSIS LETTERS 卷: 132 期: 1-2 页: 22-27 DOI: 10.1007/s10562-009-0043-7 出版年: SEP 2009

第 70 条，共 72 条

标题: Site- and Structure-Dependent Cohesive Energy in Several Ag Clusters

作者: Liu, D (Liu, D.); Zhu, YF (Zhu, Y. F.); Jiang, Q (Jiang, Q.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 113 期: 25 页: 10907-10912 DOI: 10.1021/jp901797w 出版年: JUN 25 2009

第 71 条，共 72 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

第 72 条，共 72 条

标题: A density functional study on cationic AunCum+ clusters and their monocarbonyls

作者: Zhao, Y (Zhao, Yu); Li, ZY (Li, Zhenyu); Yang, JL (Yang, Jinlong)

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS 卷: 11 期: 13 页: 2329-2334 DOI: 10.1039/b817806b 出版年: 2009

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