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** | **Toward monodispersed silver nanoparticles with unusual thermal stability** | | | | |
| **作者（英文）** | **Sun, JM ；Ma, D； Zhang, H ；Liu, XM； Han, XW； Bao, XH；****Weinberg, G； Pfander, N； Su, DS** | | | | |
| **作者（中文）** | **孙军明、马丁、张贺、刘秀梅、韩秀文、包信和、Weinberg, G、 Pfander, N、苏党生** | | | | |
| **期刊名称** | **JOURNAL OF THE AMERICAN CHEMICAL SOCIETY** | | | | |
| **发表日期** | **2006.12.13** | **卷** | **128** | **起止页码** | **15756-15764** |
| **总引用次数** | **145** | | | **他引次数** | **136** |
| **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2005-2014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2014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69条

标题: Toward efficient nanoporous catalysts: Controlling site-isolation and concentration of grafted catalytic sites on nanoporous materials with solvents and colorimetric elucidation of their site-isolation

作者: Sharma, KK; Anan, A ; Buckley, RP; Ouellette, W ; Asefa, T

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY卷: 130页: 218-228出版年: JAN 9 2008

第2条，共69条

标题: Tuning metal nanostructures in mesoporous silica by a simple change of metal complexes and by reduction with grafted imines and hemiaminals

作者: Xie, YW; Quinlivan, S; Asefa, T

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷:112页: 9996-10003出版年: JUL 10 2008

第3条，共69条

标题: Silver nanoparticles growth in a mesoporous silica film templated with the F127 triblock copolymer

作者: Bois, L; Bessueille, F ; Chassagneux, F; Battie, Y; Destouches, N; Hubert, C; Boukenter, A; Parola, S

来源出版物: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS 卷: 325页:86-92出版年: JUL 15 2008

第4条，共69条

标题: Oxidation States and the Acidity of Ordered Arrays of Co-Pb Mixed Oxide Nanoparticles Templated in SBA15

作者: Akca, B; Guner, O; Can, M ; Yilmaz, A；Uner, D

来源出版物: TOPICS IN CATALYSIS卷:49页: 187-192出版年: AUG 2008

第5条，共69条

标题: Shape-controlled silver metal of nanospheroids from a polymer-assisted autocombustion reaction in open air

作者: Gautam, A.; Ram, S.

来源出版物: JOURNAL OF ALLOYS AND COMPOUNDS卷:463页: 428-434出版年: FEB 15 2012

第6条，共69条

标题: Facile synthesis of highly ordered mesoporous silver using cubic mesoporous silica template with controlled surface hydrophobicity

作者: Shon, JK; Kong, SS ; Kim, JM; Ko, CH; Jin, M; Lee, YY; Hwang, SH; Yoona, JA; Kim, JN

来源出版物: CHEMICAL COMMUNICATIONS 卷:6页: 650-652出版年: 2009

第7条，共69条

标题: Bulklike Thermal Behavior of Antibacterial Ag-SiO2 Nanocomposites

作者: Kim, YH; Kim, CW; Cha, HG; Lee, DK; Jo, BK; Ahn, GW; Hong, ES; Kim, JC; Kang, YS

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 113页: 5105-5110出版年: APR 2 2009

第8条，共69条

标题: NanoMORALs - Metal nanoparticles doped with organic molecules

作者: Palmisano, G; Augugliaro, V; Ciriminna, R; Pagliaro, M

来源出版物: CANADIAN JOURNAL OF CHEMISTRY-REVUE CANADIENNE DE CHIMIE卷: 87页: 673-677出版年: MAY 2009

第9条，共69条

标题: Influences of synthesis conditions and mesoporous structures on the gold nanoparticles supported on mesoporous silica hosts

作者: Lee, B ; Ma, Z ; Zhang, ZT; Park, C; Dai, S

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS卷: 122页: 160-167出版年: JUN 1 2009

第10条，共69条

标题: Rational Design of Supported PdAu Nanoparticle Catalysts from Structured Nanoparticle Precursors

作者: Dash, P; Bond, T; Fowler, C; Hou, W; Coombs, N ; Scott, RWJ

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 113页: 12719-12730出版年: JUL 23 2009

第11条，共69条

标题: Efficient solid-base catalysts for aldol reaction by optimizing the density and type of organoamine groups on nanoporous silica

作者: Xie, YW; Sharma, KK; Anan, A (Anan, Abhishek); Wang, G; Biradar, AV; Asefa, T

来源出版物: JOURNAL OF CATALYSIS卷:265页: 131-140出版年: JUL 25 2009

第12条，共69条

标题: Tantalum Clusters Supported on Silica-Alumina: Influence of Support Composition and Chemistry on Cluster Structur

作者: Sun, JM; Chi, MF; Lobo-Lapidus, RJ; Mehraeen, S; Browning, ND; Gates, BC

来源出版物: LANGMUIR 卷: 25页: 10754-10763出版年: SEP 15 2009

第13条，共69条

标题: SBA-15-Supported Mixed-Metal Oxides: Partial Hydrolytic Sol-Gel Synthesis, Adsorption, and Structural Properties

作者: Fulvio, PF; Pikus, S; Jaroniec, M

来源出版物: ACS APPLIED MATERIALS & INTERFACES 卷: 2页: 134-142出版年: JAN 2010

第14条，共69条

标题: Sterilization Matters: Consequences of Different Sterilization Techniques on Gold Nanoparticles

作者: Franca, A; Pelaz, B ; Moros, M; Sanchez-Espinel, C; Hernandez, A; Fernandez-Lopez, C; Grazu, V; de la Fuente, JM; Pastoriza-Santos, I; Liz-Marzan, LM; Gonzalez-Fernandez, A

来源出版物: SMALL卷: 6页: 89-95出版年: JAN 4 2010

第15条，共69条

标题: Generation of an ordered layer of silver nanoparticles in mesostructured dielectric films

作者: Battie, Y; Destouches, N; Bois, L; Chassagneux, F; Moncoffre, N; Toulhoat, N; Jamon, D; Ouerdane, Y; Parola, S; Boukenter, A

来源出版物: JOURNAL OF NANOPARTICLE RESEARCH卷: 12页: 1073-1082出版年: MAR 2010

第16条，共69条

标题: Room Temperature Surfactant Assisted Crystal Growth of Silver Nanoparticles to Nanoribbons

作者: Bakshi, MS

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 卷: 10页: 1757-1765出版年: MAR 2010

第17条，共69条

标题: Development of white antibacterial pigment based on silver chloride nanoparticles and mesoporous silica and its polymer composite

作者: Min, SH; Yang, JH; Kim, JY; Kwon, YU

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS 卷: 128页: 19-25出版年: MAR 2010

第18条，共69条

标题: Photochemical formation of electrically conductive silver nanowires on polymer scaffolds

作者: Kundu, S; Huitink, D; Wang, K; Liang, H

来源出版物: JOURNAL OF COLLOID AND INTERFACE SCIENCE卷: 344页: 334-342出版年: APR 15 2010

第19条，共69条

标题: Silver nanoparticles distributed into polyaniline bridged silica network: A functional nanocatalyst having synergistic influence for catalysis

作者: Manesh, KM; Gopalan, AI; Lee, KP; Komathi, S

来源出版物: CATALYSIS COMMUNICATIONS卷: 11页: 913-918出版年: MAY 11 2010

第20条，共69条

标题: Electroless Growth of Silver Nanoparticles into Mesostructured Silica Block Copolymer Films

作者: Bois, L; Chassagneux, F; Desroches, C; Battie, Y; Destouches, N; Gilon, N; Parola, S Stephan, O

来源出版物: LANGMUIR卷: 11页: 8729-8736出版年: JUN 1 2010

第21条，共69条

标题: Synthesis of monodisperse silver nanoparticles and their self-assembly through simple thermal decomposition approach

作者: Jeevanandam, P; Srikanth, CK ; Dixit, S

来源出版物: MATERIALS CHEMISTRY AND PHYSICS卷:122页: 402-407出版年: AUG 1 2010

第22条，共69条

标题: Facile Synthesis of Ag Nanocubes of 30 to 70 nm in Edge Length with CF3COOAg as a Precursor

作者: Zhang, QA ; Li, WY; Wen, LP; Chen, JY; Xia, YN

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL 卷: 16页: 10234-10239出版年: SEP 3 201

第23条，共69条

标题: Spatially and Size Selective Synthesis of Fe-Based Nanoparticles on Ordered Mesoporous Supports as Highly Active and Stable Catalysts for Ammonia Decomposition

作者: Lu, AH; Nitz, JJ; Comotti, M; Weidenthaler, C; Schlichte, K; Lehmann, CW ; Terasaki, O; Schuth, F

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY卷: 132页: 14152-14162出版年: OCT 13 2010

第24条，共69条

标题: Incorporation of chemical functionalities in the framework of mesoporous silica

作者: :Linares, N; Serrano, E; Rico, M; Balu, AM; Losada, E; Luque, R; Garcia-Martinez, J

来源出版物: CHEMICAL COMMUNICATIONS卷: 32页: 9024-9035出版年: 2011

第25条，共69条

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

作者: Chassagneux, F; Bois, L；Simon, JP; Desroches, C; Brioude, A

来源出版物: JOURNAL OF MATERIALS CHEMISTRY卷: 21页: 11947-11955出版年: 2011

第26条，共69条

标题: An approach to surface functionalization of indium tin oxide for regular growth of silver nano-particles and their optical features

作者: Nouneh, K; Oyama, M; Diaz, R; Abd-Lefdil, M; Kityk, IV; Bousmina, M

来源出版物: OURNAL OF ALLOYS AND COMPOUNDS卷: 509页: 2631-2638出版年: FEB 3 2011

第27条，共69条

标题: Synthesis, Characterization, and Application in the CO Oxidation over a Copper Nanocatalyst Confined in SBA-15

作者: Garcia-Cuello, Vanessa S.; Giraldo, Liliana; Carlos Moreno-Pirajan, Juan

来源出版物: JOURNAL OF CHEMICAL AND ENGINEERING DATA卷: 56页: 1167-1173出版年: APR 2011

第28条，共69条

标题: Postsynthetic Modification of a Metal-Organic Framework for Stabilization of a Hemiaminal and Ammonia Uptake

作者: Morris, W; Doonan, CJ; Yaghi, OM

来源出版物: INORGANIC CHEMISTRY卷: 50页: 6853-6855出版年: AUG 1 2011

第29条，共69条

标题: Self-Regenerative Silver Nanocluster Catalyst for CO Oxidation

作者: Shimizu, Ken-ichi; Sawabe, Kyoichi; Satsuma, Atsushi

来源出版物: CHEMCATCHEM卷: 3页: 1290-1293出版年: AUG 2011

第30条，共69条

标题: Catalytic reduction of organic dyes at gold nanoparticles impregnated silica materials: influence of functional groups and surfactants

作者: Azad, Uday Pratap; Ganesan, Vellaichamy; Pal, Manas

来源出版物: JOURNAL OF NANOPARTICLE RESEARCH卷: 13页: 3951-3959出版年: SEP 2011

第31条，共69条

标题: Sintering-resistant and self-regenerative properties of Ag/SnO2 catalyst for soot oxidation

作者: Shimizu, K; Katagiri, M; Satokawa, S; Satsuma, A

来源出版物: APPLIED CATALYSIS B-ENVIRONMENTAL卷: 108页: 39-46出版年: OCT 11 2011

第32条，共69条

标题: Oxidation of Carbon Monoxide Over SBA-15-Confined Copper, Palladium and Iridium Nanocatalysts

作者: Garcia-Cuello, VS; Giraldo, L; Moreno-Pirajan, JC

来源出版物: CATALYSIS LETTERS卷: 141页: 1659-1669出版年: NOV 2011

第33条，共69条

标题: Spatially Confined Redox Chemistry in Periodic Mesoporous Hydridosilica-Nanosilver Grown in Reducing Nanopores

作者: Dag, O; Henderson, EJ; Wang, WD; Lofgreen, JE; Petrov, S; Brodersen, PM; Ozin, GA

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY卷: 133页: 17454-17462出版年: NOV 2 2011

第34条，共69条

标题: Cu/SBA-15 is an Efficient Solvent-Free and Acid-Free Catalyst for the Rearrangement of Benzaldoxime into Benzamide

作者: Saidulu, G; Anand, N; Rao, KSR; Burri, A ; Park, SE; Burri, DR

来源出版物: CATALYSIS LETTERS卷: 141页: 1865-1871出版年: DEC 2011

第35条，共69条

标题: Crystal growth of different morphologies (nanospheres, nanoribbons and nanoplates) of silver nanoparticles

作者: Zaheer, Z; Rafiuddin

来源出版物: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS卷: 393页: 1-5出版年: JAN 5 2012

第36条，共69条

标题: Preparation of silver nanoparticles in the presence of chitosan by electrochemical method

作者: Reicha, FM; Sarhan, A; Abdel-Hamid, MI; El-Sherbiny, IM

来源出版物: CARBOHYDRATE POLYMERS卷: 89页: 236-244出版年: JUN 5 2012

第37条，共69条

标题: Ion-Exchange Properties of Imidazolium-Grafted SBA-15 toward AuCl4- Anions and Their Conversion into Supported Gold Nanoparticles

作者: Fattori, N; Maroneze, CM; da Costa, LP; Strauss, M; Sigoli, FA; Mazali, IO; Gushikem, Y

来源出版物: LANGMUIR 卷: 28页: 10281-10288出版年: JUL 10 2012

第38条，共69条

标题: Large-Scale Synthesis of Ultra-Small-Sized Silver Nanoparticles

作者: Park, J; Kwon, SG; Jun, SW ; Kim, BH ; Hyeon, T

来源出版物: CHEMPHYSCHEM卷: 13页: 2540-2543出版年: JUL 16 2012

第39条，共69条

标题: Nanosized gold-catalyzed selective oxidation of alkyl-substituted benzenes and n-alkanes

作者: Biradar, AV; Asefa, T

来源出版物: APPLIED CATALYSIS A-GENERAL卷: 435页: 19-26出版年: SEP 5 2012

第40条，共69条

标题: Syntheses of micrometer-long Pt and Ag nanowires through SBA-15 templating

作者: Kim, KJ; Lee, ES; Kwon, YU

来源出版物: JOURNAL OF NANOPARTICLE RESEARCH卷: 14文献号: 1270出版年: DEC 2012

第41条，共69条

标题: In situ controlled growth of well-dispersed Au nanoparticles inside the channels of SBA-15 using a simple, bio-inspired method for surface-enhanced Raman spectroscopy

作者: Zhu, YH; Wang, DQ; Zhang, L; Sun, F; Xu, JQ; Jiang, SY; Yu, QM

来源出版物: RSC ADVANCES卷: 3页: 10154-10157出版年: 2013

第42条，共69条

标题: Containing the catalyst: diameter controlled Ge nanowire growth

作者: Lotty, O; Biswas, S; Ghoshal, T; Glynn, C; O'Dwyer, C; Petkov, N; Morris, MA; Holmes, JD

来源出版物: JOURNAL OF MATERIALS CHEMISTRY C卷: 1页: 4450-4456出版年: 2013

第43条，共69条

标题: Preparing Starchy Foods Containing Silver Nanoparticles and Evaluating Antimicrobial Activitiy

作者: Adeli, M; Hosainzadegan, H; Pakzad, I; Zabihi, F; Alizadeh, M; Karimi, F

来源出版物: JUNDISHAPUR JOURNAL OF MICROBIOLOGY卷: 4文献号: UNSP e5075出版年: 2013

第44条，共69条

标题: Synthesis of Silver Nanoparticles Confined in Hierarchically Porous Monolithic Silica: A New Function in Aromatic Hydrocarbon Separations

作者: Zhu, Y; Morisato, K; Li, WY; Kanamori, K; Nakanishi, K

来源出版物: ACS APPLIED MATERIALS & INTERFACES卷: 5页: 2118-2125出版年: MAR 27 2013

第45条，共69条

标题: SolGel Coordination Chemistry: Building Catalysts from the Bottom-Up

作者: Serrano, E; Linares, N; Garcia-Martinez, J; Berenguer, JR

来源出版物: CHEMCATCHEM 卷:5页: 844-860出版年: APR 2013

第46条，共69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; Dragoi, B; Chirieac, A; Ciotonea, C; Royer, S; Duprez, D; Mamede, AS; Dumitriu, E

来源出版物: ACS APPLIED MATERIALS & INTERFACES 卷: 5页: 3010-3025出版年: APR 24 2013

第47条，共69条

标题: Support-Free Bimodal Distribution of Plasmonically Active Ag/AgOx Nanoparticle Catalysts: Attributes and Plasmon Enhanced Surface Chemistry

作者: Zhao, ZY; Carpenter, MA

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 117页: 11124-11132出版年: MAY 30 2013

第48条，共69条

标题: Synthesis of Hierarchically Porous Hydrogen Silsesquioxane Monoliths and Embedding of Metal Nanoparticles by On-Site Reduction

作者: Moitra, N ; Kanamori, K; Shimada, T; Takeda, K; Ikuhara, YH; Gao, X; Nakanishi, K

来源出版物: ADVANCED FUNCTIONAL MATERIALS卷: 23页: 2714-2722出版年: JUN 6 2013

第49条，共69条

标题: Interplay between pore size and nanoparticle spatial distribution: Consequences for the stability of CuZn/SiO2 methanol synthesis catalysts

作者: Prieto, G; Meeldijk, JD; de Jong, KP; de Jongh, PE

来源出版物: JOURNAL OF CATALYSIS卷: 330页: 31-40 出版年: JUL 2013

第50条，共69条

标题: Chemical and photochemical formation of gold nanoparticles supported on viologen-functionalized SBA-15

作者: Fattori, N; Maroneze, CM; Da Costa, LP; Strauss, M; Mazali, IO; Gushikem, Y

来源出版物: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS卷:437页: 120-126 出版年: NOV 20 2013

第51条，共69条

标题: Mesoporous Silica Based Gold Catalysts: Novel Synthesis and Application in Catalytic Oxidation of CO and Volatile Organic Compounds (VOCs)

作者: Wu, HJ; Pantaleo, G; Venezia, AM; Liotta, LF

来源出版物: CATALYSTS卷: 3页: 774-793出版年: DEC 2013

第52条，共69条

标题: Two dimensional dipolar coupling in monolayers of silver and gold nanoparticles on a dielectric substrate

作者: Liu, Y ; Begin-Colin, S; Pichon, BP; Leuvrey, C; Ihiawakrim, D; Rastei, M; Schmerber, G; Vomir, M; Bigot, JY

来源出版物: NANOSCALE卷:6页: 12080-12088出版年: 2014

第53条，共69条

标题: Rapid hydrogenation: perfect quasi architecture (Ag@SiO(2)NPs) as a substrate for nitrophenol reduction

作者: Ramalingam, S; Devi, LB; Rao, JR; Nair, BU

来源出版物: RSC ADVANCES卷:4页: 56041-56051出版年: 2014

第54条，共69条

标题: Visible-Light-Induced Photocatalysis of 2D-Hexagonal Mesoporous SiO2-TiO2 Deposited with Au Nanoparticles

作者: Kawamura, G; Okuno, T; Muto, H; Matsuda, A

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷:14页: 2225-2230出版年: MAR 2014

第55条，共69条

标题: Quantitative Relationship between Support Porosity and the Stability of Pore-Confined Metal Nanoparticles Studied on CuZnO/SiO2 Methanol Synthesis Catalysts

作者: Prieto, G; Shakeri, M; de Jong, KP; de Jongh, PE

来源出版物: ACS NANO卷:8页: 2522-2531出版年: MAR 2014

第56条，共69条

标题: Migration of Silver Nanoparticles from Silver Decorated Graphene Oxide to Other Carbon Nanostructures

作者: Fernando, KAS ; Watson, VG; Wang, XF; McNamara, ND; JoChum, MC (JoChum, Mary C.)[ 2 ] ; Bair, DW; Miller, BA; Bunker, CE

来源出版物: LANGMUIR卷:30页: 11776-11784出版年: OCT 7 2014

第57条，共69条

标题: Stabilization of Palladium Catalysts for the Heck Reaction by Support Functionalization and Solvent Selection

作者: Oliveira, RL; Hooijmans, JBF; de Jongh, PE; Gebbink, RJMK; de Jong, KP

来源出版物: CHEMCATCHEM卷:6页: 3223-3230出版年: NOV 2014

第58条，共69条

标题: A facile method to synthesis a mesoporous carbon supported methanol catalyst containing well dispersed Cu/ZnO

作者: Duan, HM; Yang, YX; Patel, J; Dumbre, D; Bhargava, SK; Burke, N; Zhai, YC; Webley, PA

来源出版物: MATERIALS RESEARCH BULLETIN卷:60页: 232-237出版年: DEC 2014

第59条，共69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 ; Rivers, G; Peng, P; Zhao, BX; Zhou, NY

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS卷:17页: 315-324出版年: 2015

第60条，共69条

标题: Mesoporous Organosilica Nanoparticles Containing Superacid and Click Functionalities Leading to Cooperativity in Biocidal Coatings

作者: Gehring, J; Schleheck, D; Trepka, B; Polarz, S

来源出版物: ACS APPLIED MATERIALS & INTERFACES卷:7页: 1021-1029 出版年: JAN 14 2015

第61条，共69条

标题: Selective functionalization of the mesopores of SBA-15

作者: Webb, JD; Seki, T ; Goldston, JF; Pruski, M ; Crudden, CM

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS卷:203页: 123-131 出版年: FEB 2015

第62条，共69条

标题: Palladium nanoparticles confined in thiol-functionalized ordered mesoporous silica for more stable Heck and Suzuki catalysts

作者: Oliveira, RL; He, W; Gebbink, RJMK; de Jong, KP

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY卷:5页: 1919-1928 出版年: MAR 1 2015

第63条，共69条

标题: A scalable pathway to nanostructured sapphire optical fiber for evanescent-field sensing and beyond

作者: Chen, H; Tian, F; Kanka, J ; Du, H

来源出版物: APPLIED PHYSICS LETTERS卷:106文献号: 111102 出版年: MAR 16 2015

第64条，共69条

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

作者: Khan, IA; Sajid, N ; Badshah, A; Wattoo, MHS; Anjum, DH; Nadeem, MA

来源出版物: JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY卷:26页: 695-704 出版年: APR 2015

第65条，共69条

标题: Understanding the Growth Mechanisms of Ag Nanoparticles Controlled by Plasmon-Induced Charge Transfers in Ag-TiO2 Films

作者: Liu, ZM; Destouches, N; Vitrant, G; Lefkir, Y; Epicier, T; Vocanson, F; Bakhti, S (Bakhti, Said)[ 1 ] ; Fang, YG ; Bandyopadhyay, B; Ahmed, M

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷:119页: 9496-9505 出版年: APR 30 2015

第66条，共69条

标题: Carbon nanofibers decorated with oxo-rhenium complexes: Highly efficient heterogeneous catalyst for oxidation of amines with hydrogen peroxide

作者: Verma, S; Kumar, S; Shawat, E; Nessim, GD; Jain, SL

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷:402页: 46-52 出版年: JUN 2015

第67条，共69条

标题: Surface engineering and palladium dispersion in MCM-41 for methane oxidation

作者: Zribi, S; Albela, B; Bonneviot, L; Zina, MS

来源出版物: APPLIED CATALYSIS A-GENERAL卷:502页: 195-203 出版年: AUG 5 2015

第68条，共69条

标题: X-ray scattering characterisation of nanoparticles

作者: Ingham, B

来源出版物: CRYSTALLOGRAPHY REVIEWS卷:21页: 229-303 出版年: OCT 2 2015

第69条，共69条

标题: Fine CuO anisotropic nanoparticles supported on mesoporous SBA-15 for selective hydrogenation of nitroaromatics

作者: Sareen, S; Mutreja, V ; Singh, S; Pal, B

来源出版物: JOURNAL OF COLLOID AND INTERFACE SCIENCE卷:461页: 203-210 出版年: JAN 1 2016

**二、引用论文第一产权单位为国内机构**

第 1 条，共67条

标题: Ag/SiO(2)catalysts prepared via gamma-ray irradiation and their catalytic activities in CO oxidation

作者: Jin, L; Qian, K; Jiang, ZQ; Huang, WX

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷:274页: 95-100出版年: SEP 3 2007

第2条，共67条

标题: Silver nanoparticles confined in SBA-15 mesoporous silica and the application as a sensor for detecting hydrogen peroxide

作者: Lin, DH; Jiang, YX ; Wang, Y; Sun, SG

来源出版物: JOURNAL OF NANOMATERIALS卷: 2008页: 共10页 出版年: MAR 24 2008

第 3条，共67条

标题: Effects of cooling treatment and glutaraldehyde on the morphology of Au nanostructures synthesized from chitosan

作者: Wei, Dongwei; Qian, Weiping; Shi, Yi；Ding, SH; Xia, Y

来源出版物: CARBOHYDRATE RESEARCH卷:34页: 512-520出版年: FEB 25 2008

第4条，共67条

标题: Facile synthesis of Ag and Au nanoparticles utilizing chitosan as a mediator agent

作者: Wei, Dongwei; Qian, Weiping

来源出版物: COLLOIDS AND SURFACES B-BIOINTERFACES卷: 62页: 136-142出版年: MAR 15 2008

第5条，共67条

标题: Preparation and catalytic activity for Fischer-Tropsch synthesis of Ru nanoparticles confined in the channels of mesoporous SBA-15

作者: Xiong, HF; Zhang, YH; Wang, SG; Liew, KY; Li, JL

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 112页: 9706-9709出版年: JUL 3 2008

第6条，共67条

标题: In situ Formation of Silver Nanoparticles Hosted in Mesoporous SBA-15

作者: Tian Dong; Yong Guo-Ping; Liu Shao-Min

来源出版物: CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE卷: 30页: 2367-2370出版年: DEC 10 2009

第7条，共67条

标题: Unusual Catalytic Performance for Selective Acetylene Hydrogenation over Pd Nanoparticles Fabricated on N,O-containing Organic Groups Modified Silica

作者: Wang, KJ; Chen, YY; Li, XS; Ding, HX

来源出版物: CATALYSIS LETTERS卷: 127页: 392-399出版年: FEB 2009

第8条，共67条

标题: Synthesis, Properties, and Surface Enhanced Raman Scattering of Gold and Silver Nanoparticles in Chitosan Matrix

作者: Wei, DW; Qian, WP; Wu, DJ; Xia, Y; Liu, XJ

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷: 9页: 2566-2573出版年: APR 2009

第9条，共67条

标题: CO Oxidation Catalyzed by Ag/SBA-15 Catalysts Prepared via in situ Reduction: The Influence of Reducing Agents

作者: Tian, D; Yong, GP; Dai, Y; Yan, XY; Liu, SM

来源出版物: CATALYSIS LETTERS卷:130页: 211-216出版年: JUN 2009

第10条，共67条

标题: Catalytic oxidation of benzyl alcohol on Au or Au-Pd nanoparticles confined in mesoporous silica

作者: Ma, CY; Dou, BJ; Li, JJ; Cheng, J; Hu, Q; Hao, ZP; Qiao, SZ

来源出版物: APPLIED CATALYSIS B-ENVIRONMENTAL卷:92页: 202-208出版年: OCT 19 2009

第11条，共67条

标题: The Immobilization of Glycidyl-Group-Containing Ionic Liquids and Its Application in CO2 Cycloaddition Reactions

作者: Xie, Y; Ding, KL; Liu, ZM; Li, JJ; An, GM ; Tao, RT; Sun, ZY; Yang, ZZ

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL卷: 16页: 6687-6692出版年: 2010

第12条，共67条

标题: Preparation of Au/SBA-15 and Its Catalytic Activity for CO Oxidation

作者: Su, JX; Zhang, SP; Ma, LY; Qu, W; Zhang, MB

来源出版物: CHINESE JOURNAL OF CATALYSIS 卷:31页: 839-845出版年: JUL 2010

第13条，共67条

标题: The role of La2O3 and CeO2 promoters in the Ag/SiO2-ZnO catalyst for the vapor phase synthesis of indole

作者: Liu, DY; Huo, XM; Liu, J ; Shi, L; Sun, Q

来源出版物: REACTION KINETICS MECHANISMS AND CATALYSIS卷: 99页: 335-343出版年: APR 2010

第14条，共67条

标题: Homogeneously Dispersed Ceria Nanocatalyst Stabilized with Ordered Mesoporous Alumina

作者: Yuan, Q; Duan, HH; Li, LL; Li, ZX; Duan, WT; Zhang, LS ; Song, WG; Yan, CH

来源出版物: ADVANCED MATERIALS卷: 22页: 1475-+出版年: APR 6 2010

第15条，共67条

标题: Facile preparation of supported noble metal nanoparticle catalysts with the aid of templating surfactants in mesostructured materials

作者: Wang, H; Wang, JG; Shen, ZR; Liu, YP; Ding, DT; Chen, TH

来源出版物: JOURNAL OF CATALYSIS卷: 275页: 140-148出版年: SEP 30 2010

第16条，共67条

标题: Synthesis and Structural Characterization of Silica Dispersed Copper Nanomaterials with Unusual Thermal Stability Prepared by Precipitation-Gel Method

作者: Huang, ZW; Cui, F; Xue, JJ ; Zuo, JL; Chen, J; Xia, CG

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 114页: 16104-16113出版年: OCT 7 2010

第17条，共67条

标题: In Situ SERS Studies of Catalytic Processes on Ag/SBA-15

作者: Jiang, L; Liu, W; Yao, JL; Chen, BA; Gu, RN

来源出版物: ACTA CHIMICA SINICA卷: 69页: 2368-2372出版年: OCT 28 2011

第18条，共67条

标题: CO oxidation catalyzed by Ag/SBA-15 catalysts prepared via in situ reduction:The influence of silver nanoparticle size

作者: TIAN Dong; YONG GuoPing; LIU ShaoMin

来源出版物: Scientia Sinica Chimica卷: 42页: 828-833,942出版年: 2011

第19条，共67条

标题: Gold nanoparticles stabilized by a flake-like Al2O3 support

作者: An, AF; Lu, AH ; Sun, Q; Wang, J ; Li, WC

来源出版物: GOLD BULLETIN卷: 44页: 217-222出版年: 2011

第20条，共67

标题: Synthesis and Characterization of Monodispersed, Oleic Acid/Oleylamine Stabilized Silver Nanospheres in Organic Medium

作者: Lin, Hung-Hsiang; Chi, Kai-Ming

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷:11页: 1193-1200 出版年: FEB 2011

第21条，共67条

标题: A novel MCM-41-supported bi-functional catalyst by immobilizing organoamine and Rh-P complex for one-pot synthesis of 2-ethylhexenal from propene

作者: Lang, WZ; Liu, XW Guo, YJ; Su, B; Chu, LF; Guo, CX

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS 卷:142页: 7-16出版年: JUN 2011

第22条，共67条

标题: In-situ synthesis of Ag/SBA-15 nanocomposites by the "pH-adjusting" method

作者: Zhang, XD; Qu, ZP; Li, XY; Zhao, QD; Zhang, X; Quan, X

来源出版物: MATERIALS LETTERS卷: 65页: 1892-1895出版年: JUN 30 2011

第23条，共67条

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

作者: Tang, CJ; Zhang, HL; Sun, CZ; Li, JC; Qi, L; Quan, YJ; Gao, F; Dong, L

来源出版物: CATALYSIS COMMUNICATIONS卷: 12页: 1075-1078出版年: JUL 1 2011

第24条，共67条

标题: Design of Novel Structured Gold Nanocatalysts

作者: Ma, Zhen; Dai, Sheng

来源出版物: ACS CATALYSIS卷: 1页: 805-818出版年: JUL 2011

第25条，共67条

标题: One-Pot Synthesis of Gold Nanoparticles on N,O-Containing Organic Group Modified Silica and Its Catalytic Performance for Selective Hydrogenation of Acetylene

作者: Wang, Kang-Jun; Wu, Jing; Wang, Xin-Kui

来源出版物: ASIAN JOURNAL OF CHEMISTRY卷: 23页: 3905-3908出版年: SEP 2011

第26条，共67条

标题: Hierarchical Mesoporous Silica Nanotubes Derived from Natural Cellulose Substance

作者: Zhang, Yanhua; Liu, Xiaoyan; Huang, Jianguo

来源出版物: ACS APPLIED MATERIALS & INTERFACES卷: 3页: 3272-3275出版年: SEP 2011

第27条，共67条

标题: Effect of surface properties of SBA-15 on confined Ag nanomaterials via double solvent technique

作者: Huang, XB; Yang, M; Wang, G; Zhang, XX

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS卷: 144页: 171-175出版年: OCT 2011

第28条，共67条

标题: A label-free immunosensor based on modified mesoporous silica for simultaneous determination of tumor markers

作者: Lin, JH; Wei, ZJ; Mao, CM

来源出版物: BIOSENSORS & BIOELECTRONICS卷: 29页: 40-45出版年: NOV 15 2011

第29条，共67条

标题: Morphological Evolution from SnO2 Quantum Dots to Quantum Chains inside Channels of Mesoporous Spheres

作者: Gu, F; Ren, X ; Zhang, J; Shao, W; Huang, GJ; Li, CZ

来源出版物: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH卷:50页: 12542-12547出版年: NOV 16 2011

第30条，共67条

标题: In situ auto-reduction of silver nanoparticles in mesoporous carbon with multifunctionalized surfaces

作者: Chi, Y; Zhao, L; Yuan, Q; Yan, X; Li, YJ; Li, N; Li, XT

来源出版物: JOURNAL OF MATERIALS CHEMISTRY卷: 22页: 13571-13577出版年: 2012

第31条，共67条

标题: A label-free immunosensor by controlled fabrication of monoclonal antibodies and gold nanoparticles inside the mesopores

作者: Lin, JH; Wei, ZJ; Chu, PF

来源出版物: ANALYTICAL BIOCHEMISTRY卷: 421页: 97-102出版年: FEB 1 2012

第32条，共67条

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

作者: Qu, ZP; Shen, SJ; Chen, D; Wang, Y

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

第33条，共67条

标题: Organic-Inorganic Hybrid SiO2 Supported Gold Nanoparticles: Facile Preparation and Catalytic Hydrogenation of Aromatic Nitro Compounds

作者: Tan, XY; Zhang, ZX; Xiao, ZH; Xu, Q; Liang, CH; Wang, XK

来源出版物: CATALYSIS LETTERS卷: 142页: 788-793出版年: JUN 2012

第34条，共67条

标题: Facile encapsulation of monodispersed silver nanoparticles in mesoporous compounds

作者Chi, Y; Zhao, L; Yuan, Q; Li, YJ; Zhang, JN; Tu, JC ; Li, N; Li, XT:

来源出版物: CHEMICAL ENGINEERING JOURNAL卷: 195页: 254-260出版年: JUL 1 2012

第35条，共67条

标题: Synchronous One-Pot (SOP) synthesis of hybrid structures: Metal nanoparticles in self-assemblies of amphiphilic calix[6]biscrowns

作者: Liang, Q ; Li, CX; Chen, GS; Jiang, M

来源出版物: JOURNAL OF COLLOID AND INTERFACE SCIENCE卷: 384页: 82-88出版年: OCT 1 2012

第36条，共67条

标题: Synthesis of Fe3O4@SiO2-Ag magnetic nanocomposite based on small-sized and highly dispersed silver nanoparticles for catalytic reduction of 4-nitrophenol

作者: Chi, Y; Yuan, Q; Li, YJ; Tu, JC ; Zhao, L; Li, N; Li, XT

来源出版物: JOURNAL OF COLLOID AND INTERFACE SCIENCE卷: 383页: 96-102出版年: OCT 1 2012

第37条，共67条

标题: Ag nanoparticles supported on wormhole HMS material as catalysts for CO oxidation: Effects of preparation methods

作者: Zhang, XD; Qu, ZP ; Jia, JX; Wang, Y

来源出版物: POWDER TECHNOLOGY卷: 230页: 212-218出版年: NOV 2012

第38条，共67条

标题: Alkylaminosilane-Assisted Simultaneous Etching and Growth Route to Synthesise Metal Nanoparticles Encapsulated by Silica Nanorattles

作者: Wu, XL; Tan, LF; Chen, D ; He, XL; Liu, HY; Meng, XW; Tang, FQ

来源出版物: CHEMISTRY-A EUROPEAN JOURNAL卷: 18页: 15669-15675出版年: DEC 2012

第39条，共67条

标题: High-temperature diffusion induced high activity of SBA-15 supported Ag particles for low temperature CO oxidation at room temperature

作者: Zhang, XD; Qu, ZP ; Yu, FL; Wang, Y

来源出版物: JOURNAL OF CATALYSIS卷: 297页: 264-271出版年: JAN 2013

第40条，共67条

标题: Synthesis of Ag, CeO2, Ag-CeO2 Nanoparticles and Their Applications in Catalytic CO Oxidation

作者: Chen, J; Huang, XS; Li, GS

来源出版物: CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE卷: 34页: 155-160出版年: JAN 10 2013

第41条，共67条

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

作者: Yang, LN; Qi, ML; Jin, MS

来源出版物: CRYSTENGCOMM卷: 15页: 2804-2808出版年: 2013

第42条，共67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; Wang, QH; Wang, TM

来源出版物: DALTON TRANSACTIONS卷: 42页: 13940-13947出版年: 2013

第43条，共67条

标题: Sintering-resistant Ni-based reforming catalysts obtained via the nanoconfinement effect

作者: Zhang, CX; Zhu, WC; Li, SR; Wu, GW; Ma, XB; Wang, X; Gong, JL

来源出版物: CHEMICAL COMMUNICATIONS卷:49页: 9383-9385出版年: 2013

第44条，共67条

标题: Catalytic properties of Ru nanoparticles embedded on ordered mesoporous carbon with different pore size in Fischer-Tropsch synthesis

作者: Xiong, K; Zhang, YH ; Li, JL; Liew, K

来源出版物: JOURNAL OF ENERGY CHEMISTRY卷: 22页: 560-566出版年: JUL 2013

第45条，共67条

标题: Synthesis of Pt-OMG mesoporous composite via nanocasting and chemical vapor infiltration

作者: Yung, H; Chan, KY; Lam, FLY

来源出版物: JOURNAL OF MATERIALS RESEARCH 卷: 28页: 863-872出版年: MAR 2013

第46条，共67条

标题: Thermal Stability and Shape Evolution of Tetrahexahedral Au-Pd Core-Shell Nanoparticles with High-Index Facets

作者: Huang, R; Wen, YH; Shao, GF; Zhu, ZZ; Sun, SG

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 117页: 6896-6903出版年: APR 4 2013

第47条，共67条

标题: Thin Porous Alumina Sheets as Supports for Stabilizing Gold Nanoparticles

作者: Wang, J; Lu, AH; Li, MR; Zhang, WP; Chen, YS ; Tian, DX ; Li, W

来源出版物: ACS NANO卷: 7页: 4902-4910出版年: JUN 2013

第48条，共67条

标题: The Formation Mechanism of Ag/SBA-15 Nanocomposites Prepared via In-Situ pH-Adjusting Method

作者: Qu, ZP; Zhang, XD; Lv, Y ; Quan, X; Fu, Q

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷: 13页: 4573-4580出版年: JUL 2013

第49条，共67条

标题: Facile Route for Synthesizing Ordered Mesoporous Ni-Ce-Al Oxide Materials and Their Catalytic Performance for Methane Dry Reforming to Hydrogen and Syngas

作者: Wang, N; Shen, K; Huang, LH; Yu, XP ; Qian, WZ; Chu, W

来源出版物: ACS CATALYSIS卷: 3页: 1638-1651 出版年: JUL 2013

第50条，共67条

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

作者: Qu, ZP; Ke, GZ ; Wang, Y; Liu, MW; Jiang, TT; Gao, JS

来源出版物: APPLIED SURFACE SCIENCE卷: 277页: 293-301 出版年: JUL 15 2013

第51条，共67条

标题: Aggregation-Free Gold Nanoparticles in Ordered Mesoporous Carbons: Toward Highly Active and Stable Heterogeneous Catalysts

作者: Wang, S; Zhao, QF; Wei, HM ; Wang, JQ; Cho, MY; Cho, HS; Terasaki, O; Wan, Y

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY卷: 135页: 11849-11860出版年: AUG 14 2013

第52条，共67条

标题: Synthesis of highly loaded and well dispersed CuO/SBA-15 via an ultrasonic post-grafting method and its application as a catalyst for the direct hydroxylation of benzene to phenol

作者: Zhang, XW; Huang, N; Wang, G; Dong, WJ; Yang, M; Luan, Y; Shi, Z

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS卷: 177页: 47-53 出版年: SEP 1 2013

第53条，共67条

标题: Vacancy formation and squashing during surface melting and the size effect on surface-induced melting of metals

作者: Wang, LW

来源出版物: PHILOSOPHICAL MAGAZINE卷: 93页: 3648-3663出版年: SEP 1 2013

第54条，共67条

标题: Electrocatalytic oxidation of alcohols on single gold particles in highly ordered SiO2 cavities

作者: Li, N; Zhou, Q ; Tian, S; Zhao, H; Li, XW; Adkins, J; Gu, ZM; Zhao, LL; Zheng, JW

来源出版物: ELECTROCHIMICA ACTA卷: 109页: 546-553 出版年: OCT 30 2013

第55条，共67条

标题: Tetrahexahedral Pt-Pd alloy nanocatalysts with high-index facets: an atomistic perspective on thermodynamic and shape stabilities

作者: Wen, YH; Huang, R; Zeng, XM; Shao, GF; Sun, SG

来源出版物: JOURNAL OF MATERIALS CHEMISTRY A卷: 2页: 1375-1382出版年: 2014

第56条，共67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; Li, LP; Huang, XS; Li, GS

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY卷: 4页: 402-410出版年: 2014

第57条，共67条

标题: A Label-free Immunosensor based on Ionic Liquids Modified Mesoporous Silica for Simultaneous Determination of Two Tumor Markers

作者: Lin, JH; Zhang, HH; Shao, MJ

来源出版物: ACTA CHIMICA SINICA卷: 72页: 241-245出版年: FEB 15 2014

第58条，共67条

标题: High-index-faceted platinum nanoparticles: insights into structural and thermal stabilities and shape evolution from atomistic simulations

作者: Zeng, XM; Huang, R; Shao, GF; Wen, YH ; Sun, SG

来源出版物: JOURNAL OF MATERIALS CHEMISTRY A 卷:2页: 11480-11489出版年: 2014

第59条，共67条

标题: Tunable thermodynamic stability of Au-CuPt core-shell trimetallic nanoparticles by controlling the alloy composition: insights from atomistic simulations

作者: Huang, R; Shao, GF; Wen, YH; Sun, SG

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS卷:16页: 22754-22761出版年: 2014

第60条，共67条

标题: A simple one pot synthesis of mesoporous silica hosted silver catalyst and its low-temperature CO oxidation

作者: Qu, ZP ; Zhang, XD; Yu, FL; Jia, JX

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS卷:188页: 1-7出版年: APR 2014

第61条，共67条

标题: Mesostructured Arrays of Nanometer-spaced Gold Nanoparticles for Ultrahigh Number Density of SERS Hot Spots

作者: Lai, YH; Chen, SW; Hayashi, M; Shiu, YJ; Huang, CC; Chuang, WT; Su, CJ; Jeng, HC; Chang, JW; Lee, YC; Su, AC; Mou, CY; Jeng, US

来源出版物: ADVANCED FUNCTIONAL MATERIALS卷:24页: 2544-2552出版年: MAY 2014

第62条，共67条

标题: Facile preparation of silver nanoparticles homogeneously immobilized in hierarchically monolithic silica using ethylene glycol as reductant

作者: :Yu, H ; Zhu, Y; Yang, H; Nakanishi, K; Kanamori, K; Guo, XZ

来源出版物: DALTON TRANSACTIONS卷:43页: 12648-12656出版年: SEP 7 2014

第63条，共67条

标题: Epitaxial growth of silver nanoislands on the surface of silicon nanowires in ambient air

作者: Lu, R; Wang, YW; Wang, W; Gu, L; Sha, J

来源出版物: ACTA MATERIALIA卷:79页: 241-247出版年: OCT 15 2014

第64条，共67条

标题: In situ assembly of monodispersed Ag nanoparticles in the channels of ordered mesopolymers as a highly active and reusable hydrogenation catalyst

作者: Liu, XC; Jin, RX; Chen, DS; Chen, L; Xing, SX; Xing, HZ; Xing, Y; Su, ZM

来源出版物: JOURNAL OF MATERIALS CHEMISTRY A卷:3页: 4307-4313出版年: 2015

第65条，共67条

标题: Thermal and shape stability of high-index-faceted rhodium nanoparticles: a molecular dynamics investigation

作者: Zeng, XM; Huang, R ; Wen, YH; Sun, SG

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS卷:17页: 5751-5757 出版年: 2015

第66条，共67条

标题: Mechanistic aspects of formation of sintering-resistant palladium nanoparticles over SiO2 prepared using Pd(acac)(2) as precursor

作者: Xie, YH; Li, B; Weng, WZ; Zheng, YP; Zhu, KT; Zhang, NW; Huang, CJ ; Wan, HL

来源出版物: APPLIED CATALYSIS A-GENERAL卷:504页: 179-186 出版年: SEP 5 2015

第67条，共67条

标题: Host-Guest Assembly and Application of Ordered Mesoporous Silica Materials

作者: :Zhang, XD; Dong, H ; Wang, Y; Cui, LF

来源出版物: PROGRESS IN CHEMISTRY卷:27页: 1374-1383 出版年: OCT 2015