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** | **Facile autoreduction of iron oxide/carbon nanotube encapsulates** | | | | |
| **作者（英文）** | **Chen, W ; Pan, XL ; Willinger, MG ; Su, DS ; Bao, XH** | | | | |
| **作者（中文）** | **陈为，潘秀莲，Willinger, MG，苏党生，包信和** | | | | |
| **期刊名称** | **JOURNAL OF THE AMERICAN CHEMICAL SOCIETY** | | | | |
| **发表日期** | **MAR 15 2006** | **卷** | **128** | **起止页码** | **3136-3137** |
| **总引用次数** | **128** | | | **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36条

标题: Photooxidative-extractive deep desulfurization of diesel using Cu-Fe/TiO2 and eutectic ionic liquid

作者: Zaid, Hayyiratul Fatimah Mohd ; Chong, Fai Kait ; Mutalib, Mohamed Ibrahim Abdul

来源出版物: FUEL卷: 156页: 54-62出版年: SEP 15 2015

第2条，共36条

标题: Direct Hydrothermal Synthesis of Carbonaceous Silver Nanocables for Electrocatalytic Applications

作者: Chen, Chuyang ; Suryanto, Bryan Harry Rahmat ; Zhao, Chuan ; Jiang, Xuchuan ; Yu, Aibing

来源出版物: SMALL卷: 11页: 3557-3567出版年: AUG 5 2015

第3条，共36条

标题: Effect of Group I alkali metal promoters on Fe/CNT catalysts in Fischer-Tropsch synthesis

作者: Xiong, Haifeng ; Motchelaho, Myriam A. ; Moyo, Mahluli ; Jewell, Linda L. ; Coville, Neil J.

来源出版物: FUEL卷: 150页: 687-696出版年: JUN 15 2015

第4条，共36条

标题: Shaped Carbons As Supports for the Catalytic Conversion of Syngas to Clean Fuels

作者: Xiong, Haifeng ; Jewell, Linda L. ; Coville, Neil J.

来源出版物: ACS CATALYSIS卷: 5页: 2640-2658出版年: APR 2015

第5条，共36条

标题: Metallo-Solid Lipid Nanoparticles as Colloidal Tools for Meso-Macroporous Supported Catalysts

作者: Kim, Sanghoon ; Durand, Pierrick ; Roques-Carmes, Thibault ; Eastoe, Julian ; Pasc, Andreea

来源出版物: LANGMUIR卷: 31页: 1842-1849出版年: FEB 10 2015

第6条，共36条

标题: Nano-TaOxNy particles synthesized from oxy-tantalum phthalocyanine: how to prepare precursors to enhance the oxygen reduction reaction activity after ammonia pyrolysis?

作者: Chisaka, M. ; Ishihara, A.)[ 2,3 ] ; Uehara, N. ; Matsumoto, M. ; Imai, H. ; Ota, K.

来源出版物: JOURNAL OF MATERIALS CHEMISTRY A卷: 3页: 16414-16418出版年: 2015

第7条，共36条

标题: Molybdenum carbide nanoparticles within carbon nanotubes as superior catalysts for gamma-valerolactone production via levulinic acid hydrogenation

作者: Mai, Estevao F. ; Machado, Marta A. ; Davies, Thomas E. ; Lopez-Sanchez, Jose A. ; da Silva, Victor Teixeira

来源出版物: GREEN CHEMISTRY卷: 16页: 4092-4097出版年: SEP 2014

第8条，共36条

标题: A Magnetic Carbon Sorbent for Radioactive Material from the Fukushima Nuclear Accident

作者: Yamaguchi, Daizo ; Furukawa, Kazumi ; Takasuga, Masaya ; Watanabe, Koki

来源出版物: SCIENTIFIC REPORTS卷: 4页: 6053出版年: AUG 13 2014

第9条，共36条

标题: Effect of Cation Trapping on Thermal Stability of Magnetite Nanoparticles

作者: Pati, S. S. ; Philip, John

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷: 14页: 4114-4123出版年: JUN 2014

第10条，共36条

标题: Confinement of Metal Nanoparticles in Carbon Nanotubes

作者: Nguyen, T. Trang ; Serp, Philippe

来源出版物: CHEMCATCHEM卷: 5页: 3595-3603出版年: DEC 2013

第11条，共36条

标题: Effect of the Specific Surface Sites on the Reducibility of alpha-Fe2O3/Graphene Composites by Hydrogen

作者: Papaefthimiou, V. ; Florea, I. ; Baaziz, W. ; Janowska, I. ; Doh, W. H. ; Begin, D. ; Blume, R. ; Knop-Gericke, A. ; Ersen, O. ; Pham-Huu, C.

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 117页: 20313-20319出版年: OCT 3 2013

第12条，共36条

标题: Cobalt catalysts supported on a micro-coil carbon in Fischer-Tropsch synthesis: A comparison with CNTs and CNFs

作者: Xiong, Haifeng ; Motchelaho, Myriam A. M. ; Moyo, Mahluli ; Jewell, Linda L. ; Coville, Neil J.来源出版物: CATALYSIS TODAY卷: 214页: 50-60出版年: OCT 1 2013

第13条，共36条

标题: Pd on boron-doped hollow carbon spheres - PdO particle size and support effects

作者: Ravat, Vilas ; Nongwe, Isaac ; Meijboom, Reinout ; Bepete, George ; Coville, Neil J.

来源出版物: JOURNAL OF CATALYSIS卷: 305页: 36-45出版年: SEP 2013

第14条，共36条

标题: Controlling Co-support interaction in Co/MWCNTs catalysts and catalytic performance for hydrogen production via NH3 decomposition

作者: Zhang, Hui ; Alhamed, Yahia A. ; Chu, Wei ; Ye, Zhongbin ; AlZahrani, Abdulrahim ; Petrov, Lachezar

来源出版物: APPLIED CATALYSIS A-GENERAL卷: 464页: 156-164出版年: AUG 15 2013

第15条，共36条

标题: Metal nanoparticles inside multi-walled carbon nanotubes: A simple method of preparation and of microscopic image analysis

作者: Wang, Xiaoming ; Li, Nan ; Pfefferle, Lisa D. ; Haller, Gary L.

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS卷: 176页: 139-144出版年: AUG 2013

第16条，共36条

标题: Copper Nanoparticles Decorated Inside or Outside Carbon Nanotubes Used for Methyl Acetate Hydrogenation

作者: Wang, Ding; Sun, Xiaoyu ; Xing, Chuang ; Yang, Guohui ; Tao, Kai ; Kawabata, Tokimasa ; Matsuda, Kenji ; Tan, Yisheng ; Tsubaki, Noritatsu

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷: 13页: 1274-1277出版年: FEB 2013

第17条，共36条

标题: Functionalized Carbon Nanotube Supercapacitor Electrodes: A Review on Pseudocapacitive Materials

作者: Fisher, Robert A. ; Watt, Morgan R. ; Ready, W. Jud

来源出版物: ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY卷: 2页: M3170-M3177出版年: 2013

第18条，共36条

标题: Tailoring nanohybrids and nanocomposites for catalytic applications

作者: de Clippel, Filip; Dusselier, Michiel ; Van de Vyver, Stijn ; Peng, Li ; Jacobs, Pierre A. ; Sels, Bert F.

来源出版物: GREEN CHEMISTRY卷: 15页: 1398-1430出版年: 2013

第19条，共36条

标题: Carbon nanofiber-RuO2-poly(benzimidazole) ternary hybrids for improved supercapacitor performance

作者: Balan, Beena K. ; Chaudhari, Harshal D. ; Kharul, Ulhas K. ; Kurungot, Sreekumar

来源出版物: RSC ADVANCES卷: 3页: 2428-2436出版年: 2013

第20条，共36条

标题: Influence of the support and promotion on the structure and catalytic performance of copper-cobalt catalysts for carbon monoxide hydrogenation

作者: Wang, Jingjuan ; Chernavskii, Petr A. ; Wang, Ye ; Khodakov, Andrei Y.

来源出版物: FUEL卷: 103页: 1111-1122出版年: JAN 2013

第21条，共36条

标题: An efficient oxygen reduction electrocatalyst from graphene by simultaneously generating pores and nitrogen doped active sites

作者: Palaniselvam, Thangavelu ; Aiyappa, Harshitha Barike ; Kurungot, Sreekumar

来源出版物: JOURNAL OF MATERIALS CHEMISTRY卷: 22页: 23799-23805出版年: DEC 7 2012

第22条，共36条

标题: Repair and stabilization in confined nanoscale systems - inorganic nanowires within single-walled carbon nanotubes

作者: Ilie, Adelina ; Crampin, Simon ; Karlsson, Lisa ; Wilson, Mark

来源出版物: NANO RESEARCH卷: 5页: 833-844出版年: DEC 2012

第23条，共36条

标题: High temperature stability of surfactant capped CoFe2O4 nanoparticles

作者: Ayyappan, S. ; Panneerselvam, G. ; Antony, M. P. ; Philip, John

来源出版物: MATERIALS CHEMISTRY AND PHYSICS卷: 130页: 1300-1306出版年: NOV 1 2011

第24条，共36条

标题: Creating and mastering nano-objects to design advanced catalytic materials

作者: Centi, Gabriele ; Perathoner, Siglinda

来源出版物: COORDINATION CHEMISTRY REVIEWS卷: 255页: 13-14出版年: JUL 2011

第25条，共36条

标题: A comparison study of catalytic oxidation and acid oxidation to prepare carbon nanotubes for filling with Ru nanoparticles

作者: Wang, Li ; Ge, Lei ; Rufford, Thomas E. ; Chen, Jiuling ; Zhou, Wei ; Zhu, Zhonghua ; Rudolph, Victor

来源出版物: CARBON卷: 49页: 2022-2032出版年: MAY 2011

第26条，共36条

标题: Effect of initial particle size on phase transformation temperature of surfactant capped Fe3O4 nanoparticles

作者: Ayyappan, S. ; Panneerselvam, G. ; Antony, M. P. ; Rao, N. V. Rama ; Thirumurugan, N. ; Bharathi, A. ; Philip, John

来源出版物: JOURNAL OF APPLIED PHYSICS卷: 109页: 084303出版年: APR 15 2011

第27条，共36条

标题: Effect of surface oxygen containing groups on the catalytic activity of multi-walled carbon nanotube supported Pt catalyst

作者: Wang, Xiaoming ; Li, Nan ; Webb, Jeffrey A. ; Pfefferle, Lisa D. ; Haller, Gary L.

来源出版物: APPLIED CATALYSIS B-ENVIRONMENTAL卷: 101页: 21-30出版年: NOV 22 2010

第28条，共36条

标题: Autoreduction and Catalytic Performance of a Cobalt Fischer-Tropsch Synthesis Catalyst Supported on Nitrogen-Doped Carbon Spheres

作者: Xiong, Haifeng ; Moyo, Mahluli ; Rayner, Matthew K. ; Jewell, Linda L. ; Billing, David G. ; Coville, Neil J.

来源出版物: CHEMCATCHEM卷: 2页: 514-518出版年: MAY 2010

第29条，共36条

标题: Problems and perspectives in nanostructured carbon-based electrodes for clean and sustainable energy

作者: Centi, Gabriele ; Perathoner, Siglinda

来源出版物: CATALYSIS TODAY卷: 150页: 151-162出版年: FEB 26 2010

第30条，共36条

标题: Application of surface chemical analysis tools for characterization of nanoparticles

作者: Baer, D. R. ; Gaspar, D. J. ; Nachimuthu, P. ; Techane, S. D. ; Castner, D. G.

来源出版物: ANALYTICAL AND BIOANALYTICAL CHEMISTRY卷: 396页: 983-1002出版年: FEB 2010

第31条，共36条

标题: Hydrogenation of Glucose over Ru Nanoparticles Embedded in Templated Porous Carbon

作者: Liu, Jiajia ; Tian, Xiao Ning ; Zhao, Xiu Song

来源出版物: AUSTRALIAN JOURNAL OF CHEMISTRY卷: 62页: 1020-1026出版年: 2009

第32条，共36条

标题: Towards Novel Entangled Carbon Nanotube Composite Electrodes

作者: Sherrell, P. ; Chen, J. ; Wallace, G. G. ; Minett, A., I

来源出版物: NANOTUBES, NANOWIRES, NANOBELTS AND NANOCOILS - PROMISE, EXPECTATIONS AND STATUS卷: 1142页: 11-16出版年: 2009

第33条，共36条

标题: Effect of Surfactant Monolayer on Reduction of Fe(3)O(4) Nanoparticles under Vacuum

作者: Ayyappan, S. ; Gnanaprakash, G. ; Panneerselvam, G. ; Antony, M. P. ; Philip, John

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 112页: 18376-18383出版年: NOV 27 2008

第34条，共36条

标题: Characterization challenges for nanomaterials

作者: Baer, D. R. ; Amonette, J. E. ; Engelhard, M. H. ; Gaspar, D. J. ; Karakoti, A. S. ; Kuchibhatla, S. ; Nachimuthu, P. ; Nurmi, J. T. ; Qiang, Y. ; Sarathy, V.

来源出版物: SURFACE AND INTERFACE ANALYSIS卷: 40页: 529-537出版年: MAR-APR 2008

第35条，共36条

标题: Vertically aligned pearl-like carbon nanotube arrays for fiber spinning

作者: Peng, Huisheng ; Jain, Menka ; Li, Qingwen ; Peterson, Dean E. ; Zhu, Yuntian ; Jia, Quanxi

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY卷: 130页: 1130-+出版年: JAN 30 2008

第36条，共36条

标题: Thermally reduced ruthenium nanoparticles as a highly active heterogeneous catalyst for hydrogenation of monoaromatics

作者: Su, Fabing ; Lv, Lu ; Lee, Fang Yin ; Liu, Tao ; Cooper, Andrew I. ; Zhao, Xiu Song

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY卷: 129页: 14213-14223出版年: NOV 21 2007

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**二、引用论文第一产权单位为国内机构**

第 1 条，共67条

标题: Multi-wall carbon nanotubes as support of copper-cerium composite for preferential oxidation of carbon monoxide

作者: Zeng, Shanghong ; Zhang, Lu ; Jiang, Nan ; Gao, Meiyi ; Zhao, Xiaozhou ; Yin, Yueling ; Su, Haiquan

来源出版物: JOURNAL OF POWER SOURCES卷: 293页: 1016-1023出版年: OCT 20 2015

第2条，共67条

标题: The Shielding Effect of Carbon Nanotubes on the Chemical Shift of Adsorbates

作者: Shen, Wanling ; Li, Xin

来源出版物: CHEMISTRY LETTERS卷: 44页: 1419-1421出版年: OCT 5 2015

第3条，共67条

标题: Design of Carbon-Encapsulated Fe3O4 Nanocatalyst with Enhanced Performance for Fischer-Tropsch Synthesis

作者: Tu, Jun-ling ; Ding, Ming-yue ; Zhang, Qian ; Zhang, Yu-lan ; Wang, Chen-guang ; Wang, Tie-jun ; Ma, Long-long ; Li, Xin-jun

来源出版物: CHEMCATCHEM卷: 7页: 2323-2327出版年: AUG 3 2015

第4条，共67条

标题: Recent Advances on the Design of Group VIII Base-Metal Catalysts with Encapsulated Structures

作者: Tian, Hao ; Li, Xinyu ; Zeng, Liang ; Gong, Jinlong

来源出版物: ACS CATALYSIS卷: 5页: 4959-4977出版年: AUG 2015

第5条，共67条

标题: Fabrication of Mn-FeOx/CNTs Catalysts for Low-Temperature NO Reduction with NH3

作者: Zhang, Yanbing ; Xu, Zhe ; Wang, Xie ; Lu, Xiulian ; Zheng, Yuying

来源出版物: NANO卷: 10页: 1550050出版年: JUN 2015

第6条，共67条

标题: A remarkable difference in CO2 hydrogenation to methanol on Pd nanoparticles supported inside and outside of carbon

作者: Wang, Jijie ; Lu, Sheng-mei ; Li, Jun ; Li, Can

来源出版物: CHEMICAL COMMUNICATIONS卷: 51页: 17615-17618出版年: 2015

第7条，共67条

标题: Structure and catalytic activities of ferrous centers confined on the interface between carbon nanotubes and humic acid

作者: Wang, Bing ; hou, Xiaoyan ; Wang, Dongqi ; Yin, Jun-Jie ; Chen, Hanqing ; Gao, Xingfa ; Zhang, Jing ; Ibrahim, Kurash ; Chai, Zhifang ; Feng, Weiyue

来源出版物: NANOSCALE卷: 7页: 2651-2658出版年: 2015

第8条，共67条

标题: Fe@C core-shell and Fe@C yolk-shell particles for effective removal of 4-chlorophenol

作者: Li, Xiang ; Gai, Fangyuan ; Guan, Buyuan ; Zhang, Ye ; Liu, Yunling ; Huo, Qisheng

来源出版物: JOURNAL OF MATERIALS CHEMISTRY A卷: 3页: 3988-3994出版年: 2015

第9条，共67条

标题: Non-mercury catalytic acetylene hydrochlorination over Ru catalysts enhanced by carbon nanotubes

作者: Li, Guangbi ; Li, Wei ; Zhang, Haiyang ; Pu, Yanfeng ; Sun, Mengxia ; Zhang, Jinli

来源出版物: RSC ADVANCES卷: 5页: 9002-9008出版年: 2015

第10条，共67条

标题: Confined platinum nanoparticle in carbon nanotube: structure and oxidation

作者: Wei, Guang-Feng ; Shang, Cheng ; Liu, Zhi-Pan

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS卷: 17页: 2078-2087出版年: 2015

第11条，共67条

标题: Progress of nanoscience in China

作者: Zhao, Yu-Liang ; Song, Yan-Lin ; Song, Wei-Guo ; Liang, Wei ; Jiang, Xing-Yu ; Tang, Zhi-Yong ; Xu, Hong-Xing ; Wei, Zhi-Xiang ; Liu, Yun-Qi ; Liu, Ming-Hua

来源出版物: FRONTIERS OF PHYSICS卷: 9页: 257-288出版年: JUN 2014

第12条，共67条

标题: Influence of acid treatment on N-doped multi-walled carbon nanotube supports for Fischer-Tropsch performance on cobalt catalyst

作者: Fu, Tingjun ; Liu, Renjie ; Lv, Jing ; Li, Zhenhua

来源出版物: FUEL PROCESSING TECHNOLOGY卷: 122页: 49-57出版年: JUN 2014

第13条，共67条

标题: Low-temperature selective catalytic reduction of NO over MnOx/CNTs catalysts Effect of thermal treatment condition

作者: Wang, Xie ; Zheng, Yuying ; Xu, Zhe ; Liu, Xianbin ; Zhang, Yanbing

来源出版物: CATALYSIS COMMUNICATIONS卷: 50页: 34-37出版年: MAY 5 2014

第14条，共67条

标题: Filled cobalt nanoparticles into carbon nanotubes as a rapid and high-efficiency catalyst for selective epoxidation of styrene with molecular oxygen

作者: Shi, Zhi-Qiang ; Dong, Zheng-Ping ; Sun, Jian ; Zhang, Feng-Wei ; Yang, Hong-Lei ; Zhou, Jing-Hui ; Zhu, Xiao-Hang ; Li, Rong

来源出版物: CHEMICAL ENGINEERING JOURNAL卷: 237页: 81-87出版年: FEB 1 2014

第15条，共67条

标题: Effect of Carbon Porosity and Cobalt Particle Size on the Catalytic Performance of Carbon Supported Cobalt Fischer-Tropsch Catalysts

作者: Fu, Tingjun ; Lv, Jing ; Li, Zhenhua

来源出版物: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH卷: 553页: 1342-1350出版年: JAN 29 2014

第16条，共67条

标题: The oxidizing pretreatment-mediated autoreduction behaviour of cobalt nanoparticles supported on ordered mesoporous carbon for Fischer-Tropsch synthesis

作者: Yang, Yifei ; Jia, Litao ; Hou, Bo ; Li, Debao ; Wang, Jungang ; Sun, Yuhan

来源出版物: CATALYSIS SCIENCE & TECHNOLOGY卷: 4页: 717-728出版年: 2014

第17条，共67条

标题: The Effect of Nitrogen on the Autoreduction of Cobalt Nanoparticles Supported on Nitrogen-Doped Ordered Mesoporous Carbon for the Fischer-Tropsch Synthesis

作者: Yang, Yifei ; Jia, Litao ; Hou, Bo ; Li, Debao ; Wang, Jungang ; Sun, Yuhan

来源出版物: CHEMCATCHEM卷: 6页: 319-327出版年: JAN 2014

第18条，共67条

标题: Ru nanoparticles confined in carbon nanotubes: supercritical CO2 assisted preparation and improved catalytic performances in hydrogenation of D-glucose

作者: Xu, Sankui ; Zhang, Peng ; Li, Hongbian ; Wei, Huijuan ; Li, Limin ; Li, Baojun ; Wang, Xiangyu

来源出版物: RSC ADVANCES卷: 4页: 7079-7083出版年: 2014

第19条，共67条

标题: An unexpected effect of water on the asymmetric hydrogenation of alpha-ketoesters on platinum nanoparticles confined in carbon nanotubes

作者: Guan, Zaihong ; Lu, Shengmei ; Chen, Zhijian ; Li, Can

来源出版物: JOURNAL OF CATALYSIS卷: 305页: 19-26出版年: SEP 2013

第20条，共67条

标题: Electrochemical immunoassay for thyroxine detection using cascade catalysis as signal amplified enhancer and multi-functionalized magnetic graphene sphere as signal tag

作者: Han, Jing ; Zhuo, Ying ; Chai, Yaqin ; Yu, Yanqing ; Liao, Ni ; Yuan, Ruo

来源出版物: ANALYTICA CHIMICA ACTA卷: 790页: 24-30出版年: AUG 6 2013

第21条，共67条

标题: Filling carbon nanotubes with Ni-Fe alloys via methylbenzene-oriented constant current electrodeposition for hydrazine electrocatalysis

作者: Wang, Jia ; Dong, Zhengping ; Huang, Jingwei ; Li, Jing ; Jin, Xiaodong ; Niu, Jianrui ; Sun, Jian ; Jin, Jun ; Ma, Jiantai

来源出版物: APPLIED SURFACE SCIENCE卷: 270页: 128-132出版年: APR 1 2013

第22条，共67条

标题: MnOx supported on carbon nanotubes by different methods for the SCR of NO with NH3

作者: Su, Yanxia ; Fan, Bingxin ; Wang, Lishan ; Liu, Youfa ; Huang, Bichun ; Fu, Mingli ; Chen, Limin ; Ye, Daiqi

来源出版物: CATALYSIS TODAY卷: 201页: 115-121出版年: MAR 1 2013

第23条，共67条

标题: The Key Role of pH Value in the Synthesis of Titanate Nanotubes-Loaded Manganese Oxides as a Superior Catalyst for the Selective Catalytic Reduction of NO with NH3

作者: Chen, Xiongbo ; Cen, Chaoping ; Tang, Zhixiong ; Zeng, Wenhao ; Chen, Dingsheng ; Fang, Ping ; Chen, Zhihang

来源出版物: JOURNAL OF NANOMATERIALS卷: 2013页: 871528出版年: 2013

第24条，共67条

标题: Recent advances in understanding the key catalyst factors for Fischer-Tropsch synthesis

作者: Zhang, Qinghong ; Deng, Weiping ; Wang, Ye

来源出版物: JOURNAL OF ENERGY CHEMISTRY卷: 22页: 27-38出版年: JAN 2013

第25条，共67条

标题: Enhanced Lithium Ion Storage Property of Sn Nanoparticles: The Confinement Effect of Few-Walled Carbon Nanotubes

作者: Zhang, Hongkun ; Song, Huaihe ; Chen, Xiaohong ; Zhou, Jisheng

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 116页: 22774-22779出版年: NOV 1 2012

第26条，共67条

标题: A General Chelate-Assisted Co-Assembly to Metallic Nanoparticles-Incorporated Ordered Mesoporous Carbon Catalysts for Fischer-Tropsch Synthesis

作者: Sun, Zhenkun ; Sun, Bo ; Qiao, Minghua ; Wei, Jing ; Yue, Qin ; Wang, Chun ; Deng, Yonghui ; Kaliaguine, Serge ; Zhao, Dongyuan

来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY卷: 134页: 17653-17660出版年: OCT 24 2012

第27条，共67条

标题: Confinement Effect of Carbon Nanotubes: Copper Nanoparticles Filled Carbon Nanotubes for Hydrogenation of Methyl Acetate

作者: Wang, Ding ; Yang, Guohui ; Ma, Qingxiang ; Wu, Mingbo ; Tan, Yisheng ; Yoneyama, Yoshiharu ; Tsubaki, Noritatsu

来源出版物: ACS CATALYSIS卷: 2页: 1958-1966出版年: SEP 2012

第28条，共67条

标题: High-temperature synthesis of magnetically active and SO3H-functionalized ordered mesoporous carbon with good catalytic performance

作者: Liu, Fujian ; Sun, Jing ; Sun, Qi ; Zhu, Longfeng ; Wang, Liang ; Meng, Xiangju ; Qi, Chenze ; Xiao, Feng-Shou

来源出版物: CATALYSIS TODAY卷: 186页: 115-120出版年: JUN 1 2012

第29条，共67条

标题: Large scale preparing carbon nanotube/zinc oxide hybrid and its application for highly reusable photocatalyst

作者: Dai, Kai ; Dawson, Graham ; Yang, Song ; Chen, Zheng ; Lu, Luhua

来源出版物: CHEMICAL ENGINEERING JOURNAL卷: 191页: 571-578出版年: MAY 15 2012

第30条，共67条

标题: Confined Iron Nanowires Enhance the Catalytic Activity of Carbon Nanotubes in the Aerobic Oxidation of Cyclohexane

作者: Yang, Xixian ; Yu, Hao ; Peng, Feng ; Wang, Hongjuan

来源出版物: CHEMSUSCHEM卷: 5页: 1213-1217出版年: 2012

第31条，共67条

标题: Purification of double-walled carbon nanotube macro-films

作者: Chen, Yun ; Xu, Shi Qing ; Wang, Jian Nong

来源出版物: NEW JOURNAL OF CHEMISTRY卷: 36页: 542-545出版年: 2012

第32条，共67条

标题: Finite-Length Effect of Carbon Nanotubes on the Encapsulation and Decomposition of Nitromethane: ONIOM Calculation

作者: Wang, Luoxin ; Zou, Hantao ; Yi, Changhai ; Xu, Jie ; Xu, Weilin

来源出版物: CURRENT NANOSCIENCE卷: 7页: 1054-1060出版年: DEC 2011

第33条，共67条

标题: Transformation of carbonaceous species and its influence on catalytic performance for iron-based Fischer-Tropsch synthesis catalyst

作者: Ding, Mingyue ; Yang, Yong ; Wu, Baoshan ; Wang, Tiejun ; Ma, Longlong ; Xiang, Hongwei ; Li, Yongwang

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷: 351页: 165-173出版年: DEC 2011

第34条，共67条

标题: Intriguing hybrid nanotubes with tunable structures

作者: Li, Li ; Zhang, Lijie ; Ren, Jing ; Zhang, Hui ; Sun, Xuemei ; Li, Houpu ; Chen, Tao ; Peng, Huisheng

来源出版物: CHEMICAL PHYSICS LETTERS卷: 516页: 204-207出版年: NOV 18 2011

第35条，共67条

标题: Initial reactions of methyl-nitramine confined inside armchair (5,5) single-walled carbon nanotube

作者: Wang, Luoxin ; Yi, Changhai ; Zou, Hantao ; Gan, Houlei ; Xu, Jie ; Xu, Weilin

来源出版物: JOURNAL OF MOLECULAR MODELING卷: 17页: 2751-2758出版年: NOV 2011

第36条，共67条

标题: Selective catalytic reduction of NO over carbon nanotubes supported CeO2

作者: Chen, Xiongbo ; Gao, Shan ; Wang, Haiqiang ; Liu, Yue ; Wu, Zhongbiao

来源出版物: CATALYSIS COMMUNICATIONS卷: 14页: 1-5出版年: OCT 25 2011

第37条，共67条

标题: Novel H2Ti12O25-Confined CeO2 Catalyst with Remarkable Resistance to Alkali Poisoning Based on the "Shell Protection Effect"

作者: Chen, Xiongbo ; Wang, Haiqiang ; Wu, Zhongbiao ; Liu, Yue ; Weng, Xiaole

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 115页: 17479-17484出版年: SEP 8 2011

第38条，共67条

标题: Enhanced catalytic activity for selective catalytic reduction of NO over titanium nanotube-confined CeO2 catalyst

作者: Wang, Haiqiang ; Chen, Xiongbo ; Weng, Xiaole ; Liu, Yue ; Gao, Shan ; Wu, Zhongbiao

来源出版物: CATALYSIS COMMUNICATIONS卷: 12页: 1042-1045出版年: JUN 10 2011

第39条，共67条

标题: On the isomerization and dissociation of nitramide encapsulated inside an armchair (5,5) single-walled carbon nanotube

作者: Wang, Luoxin ; Yi, Changhai ; Zou, Hantao ; Xu, Jie ; Xu, Weilin

来源出版物: MATERIALS CHEMISTRY AND PHYSICS卷: 127页: 232-238出版年: MAY 16 2011

第40条，共67条

标题: The Dissociation of Nitramide and Methylnitramine When Confined Inside Armchair Single-Walled Carbon Nanotubes

作者: Wang, Luoxin ; Zou, Hantao ; Yi, Changhai ; Xu, Jie ; Xu, Weilin

来源出版物: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY卷: 11页: 3298-3305出版年: APR 2011

第41条，共67条

标题: Carbon Nanocapsules as Nanoreactors for Controllable Synthesis of Encapsulated Iron and Iron Oxides: Magnetic Properties and Reversible Lithium Storage

作者: Wu, Ping ; Du, Ning ; Zhang, Hui ; Yu, Jingxue ; Yang, Deren

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 115页: 3612-3620出版年: MAR 10 2011

第42条，共67条

标题: Promotion Effects of Platinum and Ruthenium on Carbon Nanotube Supported Cobalt Catalysts for Fischer-Tropsch Synthesis

作者: Zhang, Hui ; Chu, Wei ; Zou, Changjun ; Huang, Zhiyu ; Ye, Zhongbin ; Zhu, Lin

来源出版物: CATALYSIS LETTERS卷: 141页: 438-444出版年: MAR 2011

第43条，共67条

标题: Synthesis of Fe3O4/Pt Nanoparticles Decorated Carbon Nanotubes and Their Use as Magnetically Recyclable Catalysts

作者: He, Hongkun ; Gao, Chao

来源出版物: JOURNAL OF NANOMATERIALS卷: 2011页: 193510出版年: 2011

第44条，共67条

标题: Effect of preparation method on the structure and catalytic property of activated carbon supported nickel oxide catalysts

作者: Li, Heng ; Yu, Dinghua ; Hu, Yi ; Sun, Peng ; Xia, Jiaojiao ; Huang, He

来源出版物: CARBON卷: 48页: 4547-4555出版年: DEC 2010

第45条，共67条

标题: Development of Novel Catalysts for Fischer-Tropsch Synthesis: Tuning the Product Selectivity

作者: Zhang, Qinghong ; Kang, Jincan ; Wang, Ye

来源出版物: CHEMCATCHEM卷: 2页: 1030-1058出版年: SEP 2010

第46条，共67条

标题: Relationship between Iron Phase and Activity of Iron-Based Fischer-Tropsch Synthesis Catalyst

作者: Ding Mingyue ; Yang Yong ; Xiang Hongwei ; Li Yongwang

来源出版物: CHINESE JOURNAL OF CATALYSIS卷: 31页: 1145-1150出版年: SEP 2010

第47条，共67条

标题: A Theoretical Investigation of the Structural Properties of Chemically Modified Mo-S-I Nanowires

作者: Wen Shuhao ; Hou Zhufeng ; Liu Jianyong ; He Guozhong

来源出版物: CHINESE JOURNAL OF CATALYSIS卷: 31页: 739-746出版年: JUL 2010

第48条，共67条

标题: First-principles study of Ru atoms and clusters adsorbed outside and inside carbon nanotubes

作者: Gao, Haili ; Zhao, Jijun

来源出版物: JOURNAL OF CHEMICAL PHYSICS卷: 132页: 234704出版年: JUN 21 2010

第49条，共67条

标题: Enhanced catalytic activity of benzene hydrogenation over nickel confined in carbon nanotubes

作者: Yang, Hongxiao ; Song, Shaoqing ; Rao, Richuan ; Wang, Xizhang ; Yu, Qing ; Zhang, Aimin

来源出版物: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷: 323页: 33-39出版年: MAY 17 2010

第50条，共67条

标题: Modulation of bonding between noble metal monomers and CNTs by B-, N-doping

作者: Lv, Yong-An ; Cui, Yan-Hong ; Xiang, Yi-Zhi ; Wang, Jian-Guo ; Li, Xiao-Nian

来源出版物: COMPUTATIONAL MATERIALS SCIENCE卷: 48页: 621-625出版年: MAY 2010

第51条，共67条

标题: Fabrication and characterization of magnetic Fe3O4-CNT composites

作者: Wang, Xuzhen ; Zhao, Zongbin ; Qu, Jiangying ; Wang, Zhiyu ; Qiu, Jieshan

来源出版物: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS卷: 71页: 673-676出版年: APR 2010

第52条，共67条

标题: Synthesis of highly ordered Fe-containing mesoporous carbon materials using soft templating routes

作者: Li, Jiansheng ; Gu, Juan ; Li, Huijun ; Liang, Yi ; Hao, Yanxia ; Sun, Xiuyun ; Wang, Lianjun

来源出版物: MICROPOROUS AND MESOPOROUS MATERIALS卷: 128页: 144-149出版年: MAR 2010

第53条，共67条

标题: Rearrangement and thermal decomposition of nitromethane confined inside an armchair (5,5) single-walled carbon nanotube

作者: Wang, Luoxin ; Yi, Changhai ; Zou, Hantao ; Xu, Jie ; Xu, Weilin

来源出版物: CHEMICAL PHYSICS卷: 367页: 120-126出版年: FEB 8 2010

第54条，共67条

标题: Prussian Blue/Multiwalled Carbon Nanotube Hybrids: Synthesis, Assembly and Electrochemical Behavior

作者: Zhai, Junfeng ; Zhai, Yueming ; Wen, Dan ; Dong, Shaojun

来源出版物: ELECTROANALYSIS卷: 21页: 2207-2212出版年: OCT 2009

第55条，共67条

标题: Preparation of carbon nanotube-neodymium oxide composite and research on its catalytic performance

作者: Zhao, Lei ; Wang, Zhihua ; Han, Dongmei ; Tao, Dongliang ; Guo, Guangsheng

来源出版物: MATERIALS RESEARCH BULLETIN卷: 44页: 984-988出版年: MAY 6 2009

第56条，共67条

标题: Surface Concavity-Convexity Sensitive Oxidation Dynamics of Carbon Nanotubes

作者: Zhou, Bin ; Guo, Wanlin ; Chen, Changfeng

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C卷: 113页: 3569-3573出版年: MAR 5 2009

第57条，共67条

标题: Thermal Oxidation Mechanism of Fe Nano-particles Encapsulated Separately in Carbon Nanotubes

作者: Huang Zhao ; Chen Qian-Wang ; Liu Ye-Ru

来源出版物: CHINESE JOURNAL OF INORGANIC CHEMISTRY卷: 25页: 321-329出版年: FEB 2009

第58条，共67条

标题: The nature of cobalt species in carbon nanotubes and their catalytic performance in Fischer-Tropsch reaction

作者: Zhang, Hui ; Lancelot, Christine ; Chu, Wei ; Hong, Jingping ; Khodakov, Andrei Y. ; Chernavskii, Petr A. ; Zheng, Jian ; Tong, Dongge

来源出版物: JOURNAL OF MATERIALS CHEMISTRY卷: 19页: 9241-9249出版年: 2009

第59条，共67条

标题: Influence of Citric Acid on Size Distribution of Ru Particles and the Catalytic Activities of the Ru/AC Catalysts

作者: Ni, Jun ; Wang, Rong ; Lin, Jianxin ; Wei, Kemei

来源出版物: CATALYSIS LETTERS卷: 126页: 134-141出版年: NOV 2008

第60条，共67条

标题: Selective Synthesis of Single/Double/Multi-walled Carbon Nanotubes on MgO-Supported Fe Catalyst

作者: Zhang Qiang ; Zhao Mengqiang ; Huang Jiaqi ; Qian Weizhong ; Wei Fei

来源出版物: CHINESE JOURNAL OF CATALYSIS卷: 29页: 1138-1144出版年: NOV 2008

第61条，共67条

标题: Preparation and characterization of Ni-P hollow material based on the shape of Nocadia

作者: Liang Xin ; Liu JianHua ; Li SongMei ; Yu Mei ; Wang YanQing

来源出版物: CHINESE SCIENCE BULLETIN卷: 53页: 3235-3239出版年: OCT 2008

第62条，共67条

标题: Green Chemistry of Syngas Catalytic Conversion

作者: Kou Yuan

来源出版物: CHINESE JOURNAL OF CATALYSIS卷: 29页: 817-822出版年: SEP 2008

第63条，共67条

标题: Effect of nitric acid treatment on carbon nanotubes (CNTs)-cordierite monoliths supported ruthenium catalysts for ammonia synthesis

作者: Yu, Xiujin ; Lin, Bingyu ; Gong, Binbin ; Lin, Jianxin ; Wang, Rong ; Wei, Kemei

来源出版物: CATALYSIS LETTERS卷: 124页: 168-173出版年: AUG 2008

第64条，共67条

标题: In situ modifying of carbon tube-in-tube nanostructures with highly active Fe2O3 nanoparticles

作者: Bai, Shuli ; Zhao, Jianghong ; Du, Guixiang ; Zheng, Jianfeng ; Zhu, Zhenping

来源出版物: NANOTECHNOLOGY卷: 19页: 205605出版年: MAY 21 2008

第65条，共67条

标题: Synthesis and magnetic properties of iron oxide nanoparticles/C and alpha-Fe/iron oxide nanoparticles/C composites

作者: Xiong, Ying ; Ye, Jing ; Gu, Xiaoyu ; Chen, Qianwang

来源出版物: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS卷: 320页: 107-112出版年: FEB 2008

第66条，共67条

标题: Synthesis of vertically aligned CNTs with hollow channel on Al(2)O(3)-Al substrate electroplated with fe nanoparticles

作者: Wen, Qian ; Tian, Tao ; Qian, WeiZhong ; Hu, Ling ; Yun, Song ; Cao, AnYuan ; Wei, Fei

来源出版物: JOURNAL OF THE ELECTROCHEMICAL SOCIETY卷: 155页: K180-K182出版年:2008

第67条，共67条

标题: Reducing reaction of Fe3O4 in nanoscopic reactors of a-CNTs

作者: Cao, Fangyu ; Zhong, Kaifu ; Gao, Aimei ; Chen, Changle ; Li, Quanxin ; Chen, Qianwang

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY B卷: 111页: 1724-1728出版年: FEB 22 2007

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