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** | Steam reforming of bio-ethanol for the production of hydrogen over ceria-supported Co, Ir and Ni catalysts | | | | |
| **作者（英文）** | [Zhang, BC](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Zhang,%20BC&dais_id=907066&excludeEventConfig=ExcludeIfFromFullRecPage)(Zhang, BC);[Tang, XL](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Tang,%20XL&dais_id=1390178&excludeEventConfig=ExcludeIfFromFullRecPage)(Tang, XL);[Li, Y](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Li,%20Y&dais_id=15837479&excludeEventConfig=ExcludeIfFromFullRecPage)(Li, Y);[Cai, WJ](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Cai,%20WJ&dais_id=1831615&excludeEventConfig=ExcludeIfFromFullRecPage)(Cai, WJ); [Xu, YD](http://apps.webofknowledge.com/OneClickSearch.do?product=WOS&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=WOS&SID=N1djmCWhLYbcHoODFVs&field=AU&value=Xu,%20YD)(Xu, YD);[Shen, WJ](http://apps.webofknowledge.com/DaisyOneClickSearch.do?product=WOS&search_mode=DaisyOneClickSearch&colName=WOS&SID=N1djmCWhLYbcHoODFVs&author_name=Shen,%20WJ&dais_id=1360253&excludeEventConfig=ExcludeIfFromFullRecPage)(Shen, WJ) | | | | |
| **作者（中文）** | 张保才，唐晓兰，李勇，蔡伟杰，徐奕德，申文杰 | | | | |
| **期刊名称** | CATALYSIS COMMUNICATIONS | | | | |
| **发表日期** | JUN 2006 | **卷** | 7 | **起止页码** | 367-372 |
| **总引用次数** | 107 | | | **他引次数** | 101 |
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百次引用论文奖引用论文清单

（他引）

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第 1 条，共61条

标题:

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

第 1 条，共61条

标题:Bio-ethanol steam reforming for hydrogen production over Co3O4/CeO2 catalysts synthesized by one-step polymerization method

作者: Carvalho, Flavio L. S.; Asencios, Yvan J. O.; Bellido, Jorge D. A.; 等.

来源出版物:FUEL PROCESSING TECHNOLOGY卷: 142页: 182-191出版年: FEB 2016

第 2 条，共61条

标题:Catalytic behavior of Ru supported on Ce0.8Zr0.2O2 for hydrogen production

作者: Carbajal-Ramos, I. A.; Gomez, M. F.; Condo, A. M.; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 181页: 58-70出版年: FEB 2016

第 3 条，共61条

标题:The oncoming energy vector: Hydrogen produced in Pd-composite membrane reactor via bioethanol reforming over Ni/CeO2 catalyst .

作者: Iulianelli, A.; Liguori, S.; Vita, A.; 等.

来源出版物:CATALYSIS TODAY卷: 259页: 368-375出版年: JAN 1 2016

第 4 条，共61条

标题:Mesoporous nanocrystalline TiO2 supported metal (Cu, Co, Ni, Pd, Zn, and Sn) catalysts: Effect of metal-support interactions on steam reforming of methanol

作者: Deshmane, Vishwanath G.; Owen, Sri Lanka; Abrokwah, Richard Y.; 等.

来源出版物:JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL卷: 408页: 202-213出版年: NOV 2015

第 5 条，共61条

标题:Production of hydrogen by catalytic steam reforming of oxygenated model compounds on Ni-modified supported catalysts. Simulation and experimental study

作者: Gonzalez-Gil, R.; Chamorro-Burgos, I.; Herrera, C.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 40页: 11217-11227 出版年: SEP 14 2015

第 6 条，共61条

标题:Highly Selective Carbon Dioxide Gasification of the Biomass Fermentation Products

作者: Fedotov, A. S.; Antonov, D. O.; Uvarov, V. I.; 等.

来源出版物:DOKLADY CHEMISTRY卷: 459页: 205-208出版年: DEC 2014

第 7 条，共61条

标题:Study of Co/CeO2-gamma-Al2O3 catalysts for steam and oxidative reforming of ethanol for hydrogen production

作者: Maia, Thaisa A.; Assaf, Jose M.; Assaf, Elisabete M.

来源出版物:FUEL PROCESSING TECHNOLOGY卷: 128页: 134-145出版年: DEC 2014

第 8 条，共61条

标题:Catalysts for H-2 production using the ethanol steam reforming (a review)

作者: Contreras, J. L.; Salmones, J.; Colin-Luna, J. A.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 39页: 18835-18853出版年: NOV 11 2014

第 9 条，共61条

标题:Catalysts for hydrogen production by steam reforming of bio-ethanol

作者: Turczyniak, Sylwia; Machocki, Andrzej

来源出版物:PRZEMYSL CHEMICZNY卷: 93页: 1850-1854出版年: NOV 2014

第 10 条，共61条

标题:Performances of Al2O3 Supported Catalyst for Steam Reforming Process

作者: Ghita, Danuta; Ezeanu, Dorin Stanica; Rosca, Paul; 等.

来源出版物:REVISTA DE CHIMIE卷: 65页: 1395-1398出版年: NOV 2014

第 11 条，共61条

标题:Supported metal catalysts for alcohol/sugar alcohol steam reforming

作者: Davidson, Stephen D.; Zhang, He; Sun, Junming; 等.

来源出版物:DALTON TRANSACTIONS卷: 43页: 11782-11802出版年: AUG 21 2014

第 12 条，共61条

标题:Reduction Characteristics of Ceria under Ethanol Steam Reforming Conditions: Effect of the Particle Size

作者: Soykal, I. Ilgaz; Sohn, Hyuntae; Singh, Deepika; 等.

来源出版物:ACS CATALYSIS卷: 4页: 585-592出版年: FEB 2014

第 13 条，共61条

标题:Ethanol Steam Reforming on Co/CeO2: The Effect of ZnO Promoter

作者: Davidson, Stephen; Sun, Junming; Wang, Yong

来源出版物:TOPICS IN CATALYSIS卷: 56页: 1651-1659 出版年: DEC 2013

第 14 条，共61条

标题:Role of Pt in the Activity and Stability of PtNi/CeO2-Al2O3 Catalysts in Ethanol Steam Reforming for H-2 Production

作者: Sanchez-Sanchez, M. C.; Navarro, R. M.; Espartero, I.; 等.

来源出版物:TOPICS IN CATALYSIS卷: 56页: 1672-1685出版年: DEC 2013

第 15 条，共61条

标题:Steam reforming of ethanol: Effects of support and additives on Ni-based catalysts

作者: Trane-Restrup, R.; Dahl, S.; Jensen, A. D.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 38页: 15105-15118 出版年: NOV 22 2013

第 16 条，共61条

标题:Interplay between particle size, composition, and structure of MgAl2O4-supported Co-Cu catalysts and their influence on carbon accumulation during steam reforming of ethanol

作者: Avila-Neto, C. N.; Zanchet, D.; Hori, C. E.; 等.

来源出版物:JOURNAL OF CATALYSIS卷: 307页: 222-237出版年: NOV 2013

第 17 条，共61条

标题:Production of Hydrogen by Steam Reforming of Ethanol

作者: Pyatnitsky, Y. I.; Dolgykh, L. Yu.; Stolyarchuk, I. L.; 等.

来源出版物:THEORETICAL AND EXPERIMENTAL CHEMISTRY卷: 49页: 277-297出版年: NOV 2013

第 18 条，共61条

标题:Absorption enhanced reforming of light alcohols (methanol and ethanol) for the production of hydrogen: Thermodynamic modeling

作者: Collins-Martinez, Virginia; Escobedo Bretado, Miguel; Melendez Zaragoza, Miguel; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 38页: 12539-12553出版年: SEP 19 2013

第 19 条，共61条

标题:The study of the performance of Ni-based catalysts obtained from LaNiO3 perovskite-type oxides synthesized by the combustion method for the production of hydrogen by reforming of ethanol

作者: da Silva, Andressa A. A.; Costa, Lidia O. O. da; Mattos, Lisiane V.; 等.

会议: 23rd International Iberoamerican Congress on Catalysis (CICAT) 会议地点: Santa Fe, ARGENTINA 会议日期: SEP 02-07, 2012

会议赞助商: Iberoamerican Federat Catalysis Soc (FISOCAT); Argentine Catalysis Soc (SACat)

来源出版物:CATALYSIS TODAY卷: 213页: 25-32出版年: SEP 15 2013

第 20 条，共61条

标题:Promotion Effect of Cobalt-based Catalyst with Rare Earth for the Ethanol Steam Reforming

作者: Chiou, Josh Y. Z.; Chen, Ya-Ping; Yu, Shen-Wei; 等.

编者: Oral, AY; Bahsi, ZB; Sonmez, A

会议: 3rd International Congress on Advances in Applied Physics and Materials Science 会议地点: Antalya, TURKEY 会议日期: APR 24-28, 2013

会议赞助商: Doga Nanobiotech Inc; Mega Technol Serv Inc

来源出版物:3RD INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS 丛书: AIP Conference Proceedings卷: 1569页: 135-140出版年: 2013

第 21 条，共61条

标题:Highly dispersed Pt-Ir nanoparticles on titania nanotubes

作者: Toledo-Antonio, Jose A.; Angeles-Chavez, Carlos; Antonia Cortes-Jacome, Ma; 等.

APPLIED CATALYSIS A-GENERAL卷: 437页: 155-165出版年: SEP 26 2012

第 22 条，共61条

标题:Direct ethanol solid oxide fuel cell operating in gradual internal reforming

作者: Nobrega, S. D.; Galesco, M. V.; Girona, K.; 等.

来源出版物:JOURNAL OF POWER SOURCES卷: 213页: 156-159出版年: SEP 1 2012

第 23 条，共61条

标题:Production of Hydrogen from Ethanol: Review of Reaction Mechanism and Catalyst Deactivation

作者: Mattos, Lisiane V.; Jacobs, Gary; Davis, Burtron H.; 等.

来源出版物:CHEMICAL REVIEWS卷: 112页: 4094-4123出版年: JUL 2012

第 24 条，共61条

标题:Bioethanol/glycerol mixture steam reforming over Pt and PtNi supported on lanthana or ceria doped alumina catalysts

作者: El Doukkali, M.; Iriondo, A.; Arias, P. L.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 37页: 8298-8309 出版年: MAY 2012

第 25 条，共61条

标题:Catalytic steam reforming of bio-oil

作者: Trane, R.; Dahl, S.; Skjoth-Rasmussen, M. S.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 37页: 6447-6472出版年: APR 2012

第 26 条，共61条

标题:The study of the performance of Ni supported on gadolinium doped ceria SOFC anode on the steam reforming of ethanol

作者: da Costa, Lidia O. O.; da Silva, Adriana M.; Noronha, Fabio B.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 37页: 5930-5939出版年: APR 2012

第 27 条，共61条

标题:Steam reforming of acetic acid over Ni/ZrO2 catalysts: Effects of nickel loading and particle size on product distribution and coke formation

作者: Li, Zhikun; Hu, Xun; Zhang, Lijun; 等.

来源出版物:APPLIED CATALYSIS A-GENERAL卷: 417页: 281-289出版年: FEB 29 2012

第 28 条，共61条

标题:Steam reforming of ethanol for hydrogen production on Co/CeO2-ZrO2 catalysts prepared by polymerization method

作者: Maia, Thaisa A.; Assaf, Jose M.; Assaf, Elisabete M.

来源出版物:MATERIALS CHEMISTRY AND PHYSICS卷: 132页: 1029-1034出版年: FEB 15 2012

第 29 条，共61条

标题:Steam reforming of ethanol over carburized alkali-doped nickel on zirconia and various supports for hydrogen production

作者: Akiyama, Masato; Oki, Yasunori; Nagai, Masatoshi

来源出版物:CATALYSIS TODAY卷: 181期: 1页: 4-13出版年: FEB 12 2012

第 30 条，共61条

标题:Conversion of ethanol over supported cobalt oxide catalysts

作者: Rybak, P.; Tomaszewska, B.; Machocki, A.; 等.

会议: 2nd International Symposium on Air Pollution Abatement Catalysis (APAC) 会议地点: Cracow, POLAND 会议日期: SEP 08-11, 2011

会议赞助商: French GDFSUEZ Co

来源出版物:CATALYSIS TODAY卷: 176页: 14-20出版年: NOV 1 2011

第 31 条，共61条

标题:Renewable hydrogen production by steam reforming of glycerol over Ni/CeO2 catalyst prepared by precipitation deposition method

作者: Pant, Kamal K.; Jain, Ruchin; Jain, Sapna

来源出版物:KOREAN JOURNAL OF CHEMICAL ENGINEERING卷: 28页: 1859-1866出版年: SEP 2011

第 32 条，共61条

标题:The effect of impurities on the performance of bioethanol-used internal reforming molten carbonate fuel cell

作者: Devianto, Hary; Han, Jonghee; Yoon, Sung Pil; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 36页: 10346-10354出版年: AUG 2011

第 33 条，共61条

标题:Steam-reforming of ethanol for hydrogen production

作者: Bshish, Ahmed; Yakoob, Zahira; Narayanan, Binitha; 等.

来源出版物:CHEMICAL PAPERS卷: 65页: 251-266出版年: JUN 2011

第 34 条，共61条

标题:Hydrogen production from bioethanol reforming in supercritical water

作者: Therdthianwong, Supaporn; Srisiriwat, Nawadee; Therdthianwong, Apichai; 等.

来源出版物:JOURNAL OF SUPERCRITICAL FLUIDS卷: 57页: 58-65出版年: MAY 2011

第 35 条，共61条

标题:Oxidative steam reforming of ethanol over carbon nanofiber supported Co catalysts

作者: da Silva, Andre L. M.; Mattos, Lisiane V.; den Breejen, Johan P.; 等.

会议: 1st Joint International Conference of the 8th Tokyo Conference on Advanced Catalytic Science and Technology/5th Asia Pacific Congress on Catalysis 会议地点: Sapporo, JAPAN 会议日期: JUL 18-23, 2010

来源出版物:CATALYSIS TODAY卷: 164页: 262-267出版年: APR 30 2011

第 36 条，共61条

标题:Bioethanol steam reforming on Co/ITQ-18 catalyst: Effect of the crystalline structure of the delaminated zeolite ITQ-18

作者: Da Costa-Serra, J. F.; Chica, A.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 36页: 3862-3869出版年: MAR 2011

第 37 条，共61条

标题:Hydrogen production by sorption enhanced steam reforming of oxygenated hydrocarbons (ethanol, glycerol, n-butanol and methanol): Thermodynamic modelling

作者: da Silva, Aline Lima; Mueller, Iduvirges Lourdes

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 36页: 2057-2075出版年: FEB 2011

第 38 条，共61条

标题:Glycerol steam reforming over Ni catalysts supported on ceria and ceria-promoted alumina

作者: Iriondo, A.; Barrio, V. L.; Cambra, J. F.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 35页: 11622-11633出版年: OCT 2010

第 39 条，共61条

标题:Nickel and cobalt as active phase on supported zirconia catalysts for bio-ethanol reforming: Influence of the reaction mechanism on catalysts performance

作者: Padilla, R.; Benito, M.; Rodriguez, L.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 35页: 8921-8928出版年: SEP 2010

第 40 条，共61条

标题:Behavior of steam reforming reaction for bio-ethanol over Pt/ZrO2 catalysts

作者: Yamazaki, Tatsuya; Kikuchi, Naoko; Katoh, Masahiro; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 99页: 81-88出版年: AUG 31 2010

第 41 条，共61条

标题:Nano- and micro-powder of zirconia and ceria-supported cobalt catalysts for the steam reforming of bio-ethanol

作者: Machocki, Andrzej; Denis, Andrzej; Grzegorczyk, Wieslaw; 等.

会议: 7th International Symposium on Effects of Surface Heterogeneity in Adsorption and Catalysis on Solids 会议地点: Kazimierz Dolny, POLAND 会议日期: JUL 05-11, 2009

来源出版物:APPLIED SURFACE SCIENCE卷: 256页: 5551-5558出版年: JUN 15 2010

第 42 条，共61条

标题:A comparative study between Co and Rh for steam reforming of ethanol

作者: Karim, Ayman M.; Su, Yu; Sun, Junming; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 96页: 441-448出版年: JUN 7 2010

第 43 条，共61条

标题:Low temperature catalytic steam reforming of ethanol. 1. The effect of the support on the activity and stability of Pt catalysts

作者: Ciambelli, P.; Palma, V.; Ruggiero, A.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 96页: 18-27出版年: APR 26 2010

第 44 条，共61条

标题:Renewable H-2 from Glycerol Steam Reforming: Effect of La2O3 and CeO2 Addition to Pt/Al2O3 catalysts.

作者: Montini, Tiziano; Singh, Rakesh; Das, Piyali; 等.

来源出版物:CHEMSUSCHEM卷: 3页: 619-628 出版年: 2010

第 45 条，共61条

标题:Study of catalyst deactivation and reaction mechanism of steam reforming, partial oxidation, and oxidative steam reforming of ethanol over Co/CeO2 catalyst

作者: de Lima, Sania M.; da Silva, Adriana M.; da Costa, Lidia O. O.; 等.

来源出版物:JOURNAL OF CATALYSIS卷: 268页: 268-281出版年: DEC 10 2009

第 46 条，共61条

标题:Use of bioethanol for sustainable electrical energy production

作者: Hernandez, Liliana; Kafarov, Viatcheslav

会议: 4th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems 会议地点: Dubrovnik, CROATIA 会议日期: APR, 2007

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 34页: 7041-7050出版年: AUG 2009

第 47 条，共61条

标题:Steam reforming of glycerol: The experimental activity of La1-xCexNiO3 catalyst in comparison to the thermodynamic reaction equilibrium

作者: Cui, Y.; Galvita, V.; Rihko-Struckmann, L.; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 90页: 29-37出版年: JUL 25 2009

第 48 条，共61条

标题:The role of surface reactions on the active and selective catalyst design for bioethanol steam reforming

作者: Benito, M.; Padilla, R.; Serrano-Lotina, A.; 等.

来源出版物:JOURNAL OF POWER SOURCES卷: 192页: 158-164出版年: JUL 1 2009

第 49 条，共61条

标题:Reactions over Cu/Nb2O5 catalysts promoted with Pd and Ru during hydrogen production from ethanol

作者: Alonso, Christian Goncalves; Furtado, Andreia Cristina; Cantao, Mauricio Pereira; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 34页: 3333-3341出版年: MAY 2009

第 50 条，共61条

标题:Review of Catalytic Conditioning of Biomass-Derived Syngas

作者: Yung, Matthew M.; Jablonski, Whitney S.; Magrini-Bair, Kimberly A.

来源出版物:RGY & FUELS卷: 23页: 1874-1887出版年: MAR-APR 2009

第 51 条，共61条

标题:A Kinetic Study of Ethanol Steam Reforming Using a Nickel Based Catalyst

作者: Mas, V.; Bergamini, M. L.; Baronetti, G.; 等.

来源出版物:TOPICS IN CATALYSIS卷: 51页: 39-48出版年: DEC 2008

第 52 条，共61条

标题:Ethanol steam reforming using Ni(II)-Al(III) layered double hydroxide as catalyst precursor Kinetic study

作者: Veronica, Mas; Graciela, Baronetti; Norma, Amadeo; 等.

来源出版物:CHEMICAL ENGINEERING JOURNAL卷: 138页: 602-607出版年: MAY 1 2008

第 53 条，共61条

标题:Hydrogen production via steam reforming of ethyl alcohol over nano-structured indium oxide catalysts

作者: Umegaki, Tetsuo; Kuratani, Kentaro; Yamada, Yusuke; 等.

来源出版物:JOURNAL OF POWER SOURCES卷: 179页: 566-570出版年: MAY 1 2008

第 54 条，共61条

标题:On the catalytic activity of cobalt oxide for the steam reforming of ethanol

作者: Tuti, Simonetta; Pepe, Franco

来源出版物:CATALYSIS LETTERS卷: 122页: 196-203出版年: APR 2008

第 55 条，共61条

标题:The catalytic reforming of bio-ethanol over SiO2 supported ZnO catalysts: The role of ZnO loading and the steam reforming of acetaldehyde

作者: Seker, Erol

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 33页: 2044-2052出版

第 56 条，共61条

标题:Production of hydrogen by steam reforming of glycerin over alumina-supported metal catalysts

作者: Adhikari, Sushil; Fernando, Sandun; Haryanto, Agus

会议: International Symposium on Hydrogen from Renewable Sources and Refinery Applications 会议地点: Atlanta, GA 会议日期: MAR 28-30, 2006

会议赞助商: Amer Chem Soc

来源出版物:CATALYSIS TODAY卷: 129页: 355-364出版年: DEC 15 2007

第 57 条，共61条

标题:Hydrogen production from ethanol steam reforming over Ni/CeO2 nanocomposite catalysts

作者: Fajardo, Humberto V.; Probst, Luiz F. D.; Carreno, Neftali L. V.; 等.

来源出版物:CATALYSIS LETTERS卷: 119页: 228-236出版年: DEC 2007

第 58 条，共61条

标题:Steam reforming of ethanol on Ni-CeO2-ZrO2 catalysts: Effect of doping with copper, cobalt and calcium

作者: Biswas, Prakash; Kunzru, Deepak

来源出版物:CATALYSIS LETTERS卷: 118页: 36-49出版年: OCT 2007

第 59 条，共61条

标题:Steam reforming of ethanol for production of hydrogen over Ni/CeO2-ZrO2 catalyst: Effect of support and metal loading

作者: Biswas, Prakash; Kunzru, Deepak

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 32页: 969-980出版年: JUN 2007

第 60 条，共61条

标题:Glycerin steam reforming for hydrogen production

作者: Adhikari, S.; Fernando, S. D.; Haryanto, A.

来源出版物:TRANSACTIONS OF THE ASABE卷: 50页: 591-595出版年: MAR-APR 2007

第 61 条，共61条

标题:Steam reforming of ethanol over Ni/support catalysts for generation of hydrogen for fuel cell applications

作者: Denis, Andrzej; Grzegorczyk, Wieslaw; Gac, Wojciech; 等.

会议: AWPA Symposium 2007 会议地点: St Louis, MO 会议日期: 2007

会议赞助商: AWPA

来源出版物:CATALYSIS TODAY卷: 137页: 453-459出版年: SEP 30 2008

**二、引用论文第一产权单位为国内机构**

第 1 条，共40条

标题:Hydrogen production from ethanol over Ir/CeO2 catalyst: Effect of the calcination temperature

作者: Zou, Jie; Yu, Bo; Zhang, Shaoyin; 等.

来源出版物:FUEL卷: 159页: 741-750出版年: NOV 1 2015

第 2 条，共40条

标题:Hydrogen production from ethanol reforming: Catalysts and reaction mechanism

作者: Hou, Tengfei; Zhang, Shaoyin; Chen, Yongdong; 等.

来源出版物:RENEWABLE & SUSTAINABLE ENERGY REVIEWS卷: 44页: 132-148出版年: APR 2015

第 3 条，共40条

标题:Renewable energy and fuel production over transition metal oxides: The role of oxygen defects and acidity

作者: He, Zhong; Wang, Xianqin

来源出版物:CATALYSIS TODAY卷: 240页: 220-228出版年: FEB 1 2015

第 4 条，共40条

标题:New insights into reaction mechanisms of ethanol steam reforming on Co-ZrO2

作者: Sun, Junming; Karim, Ayman M.; Mei, Donghai; 等.

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 162页: 141-148出版年: JAN 2015

第 5 条，共40条

标题:Steam reforming of bio-oil derived small organics over the Ni/Al2O3 catalyst prepared by an impregnation-reduction method

作者: Hu, Xun; Dong, Dehua; Zhang, Lijun; 等.

来源出版物:CATALYSIS COMMUNICATIONS卷: 55页: 74-77出版年: OCT 5 2014

第 6 条，共40条

标题:Synthesis of stable Ni-CeO2 catalysts via ball-milling for ethanol steam reforming

作者: Zhang, Chengxi; Li, Shuirong; Wu, Gaowei; 等.

来源出版物:CATALYSIS TODAY卷: 233页: 53-60出版年: SEP 15 2014

第 7 条，共40条

标题:Recent Advances in Catalytic Conversion of Ethanol to Chemicals

作者: Sun, Junming; Wang, Yong

来源出版物:ACS CATALYSIS卷: 4页: 1078-1090出版年: APR 2014

第 8 条，共40条

标题:Catalytic Steam Reforming of Toluene as a Model Compound of Biomass Gasification Tar Using Ni-CeO2/SBA-15 Catalysts

作者: Tao, Jun; Zhao, Leiqiang; Dong, Changqing; 等.

来源出版物:ENERGIES卷: 6页: 3284-3296出版年: JUL 2013

第 9 条，共40条

标题:Co/CeO2 for ethanol steam reforming: effect of ceria morphology

作者: Wang Hong; Zhang Lijuan; Li Miao; 等.

来源出版物:JOURNAL OF RARE EARTHS卷: 31页: 565-571出版年: JUN 2013

第 10 条，共40条

标题:Carbon deposition on Ni/ZrO2-CeO2 catalyst during steam reforming of acetic acid

作者: Hu, Rong-rong; Yan, Chang-feng; Zheng, Xiao-xiao; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 38页: 6033-6038出版年: MAY 10 2013

第 11 条，共40条

标题:Intrinsic properties of active sites for hydrogen production from alcohols without coke formation

作者: He, Zhong; Wang, Xianqin

来源出版物:JOURNAL OF ENERGY CHEMISTRY卷: 22页: 436-445出版年: MAY 2013

第 12 条，共40条

标题:Steam Reforming of Ethanol on Ni/CeO2: Reaction Pathway and Interaction between Ni and the CeO2 Support

作者: Xu, Wenqian; Liu, Zongyuan; Johnston-Peck, Aaron C.; 等.

来源出版物:ACS CATALYSIS卷: 3页: 975-984出版年: MAY 2013

第 13 条，共40条

标题:Dual-templating fabrication of three-dimensionally ordered macroporous ceria with hierarchical pores and its use as a support for enhanced catalytic performance of preferential CO oxidation

作者: Liu, Zhi; Yang, Yuan; Mi, Junhua; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 38页: 4445-4455出版年: APR 15 2013

第 14 条，共40条

标题:Catalytic performance of steam reforming of ethanol at low temperature over LaNiO3 perovskite

作者: Lin, Kuan-Hung; Wang, Chen-Bin; Chien, Shu-Hua

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 38页: 3226-3232出版年: MAR 19 2013

第 15 条，共40条

标题:Low Temperature CO Oxidation over Cobalt Catalysts Supported on Mesoporous CeO2

作者: Tian, Junjie; Na, Wei; Wang, Hua; 等.

编者: Zhang, H; Jin, D; Zhao, XJ

会议: International Conference on Biochemical Materials and Nanotechnology Application (BMNA2012) 会议地点: Yichang, PEOPLES R CHINA 会议日期: DEC 22-23, 2012

会议赞助商: Int Sci & Educ Researcher Assoc; Beijing Gireida Educ Res Ctr; VIP Informat Conf Ctr

来源出版物:ADVANCED RESEARCH ON BIOCHEMICAL MATERIALS AND NANOTECHNOLOGY APPLICATION 丛书: Advanced Materials Research卷: 643页: 76-82出版年: 2013

第 16 条，共40条

标题:Pruning of the surface species on Ni/Al2O3 catalyst to selective production of hydrogen via acetone and acetic acid steam reforming

作者: Hu, Xun; Zhang, Lijun; Lu, Gongxuan

来源出版物:APPLIED CATALYSIS A-GENERAL卷: 427页: 49-57出版年: JUN 15 2012

第 17 条，共40条

标题:Enhanced Oxygen Mobility and Reactivity for Ethanol Steam Reforming

作者: Zhang, Chengxi; Li, Shuirong; Li, Maoshuai; 等.

来源出版物:AICHE JOURNAL卷: 58页: 516-525出版年: FEB 2012

第 18 条，共40条

标题:Steam reforming of ethanol over Ni/ZrO2 catalysts: Effect of support on product distribution

作者: Li, Shuirong; Li, Maoshuai; Zhang, Chengxi; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 37页: 2940-2949出版年: FEB 2012

第 19 条，共40条

标题:Hydrogen production by steam reforming of ethanol over copper doped Ni/CeO2 catalysts

作者: Liu Qihai; Liu Zili; Zhou Xinhua; 等.

来源出版物:JOURNAL OF RARE EARTHS卷: 29页: 872-877出版年: SEP 2011

第 20 条，共40条

标题:In Situ Calorimetric Study: Structural Effects on Adsorption and Catalytic Performances for CO Oxidation over Ir-in-CeO2 and Ir-on-CeO2 Catalysts

作者: Lin, Jian; Li, Lin; Huang, Yanqiang; 等.

来源出版物:JOURNAL OF PHYSICAL CHEMISTRY C卷: 115页: 16509-16517出版年: AUG 25 201

第 21 条，共40条

标题:Steam Reforming of Ethanol over Zn-Doped LaCoO3 Perovskite Nanocatalysts

作者: Ma Fei; Chu Wei; Huang Lihong; 等.

来源出版物:CHINESE JOURNAL OF CATALYSIS卷: 32页: 970-977出版年: JUN 2011

第 22 条，共40条

标题:Ultrasonic-assisted fabrication of LaNiOx composite oxide nanotubes and application to the steam reforming of ethanol

作者: Liu, Siao-Wun; Liu, Jyong-Yue; Liu, Ying-Huei; 等.

会议: 1st Joint International Conference of the 8th Tokyo Conference on Advanced Catalytic Science and Technology/5th Asia Pacific Congress on Catalysis 会议地点: Sapporo, JAPAN 会议日期: JUL 18-23, 2010

来源出版物:CATALYSIS TODAY卷: 164页: 246-250 出版年: APR 30 2011

第 23 条，共40条

标题:Hydrogen production from catalytic steam reforming of bio-oil aqueous fraction over Ni/CeO2-ZrO2 catalysts

作者: Yan, Chang-Feng; Cheng, Fei-Fei; Hu, Rong-Rong

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 35页: 11693-11699出版年: NOV 2010

第 24 条，共40条

标题:Comparative study of alumina-supported transition metal catalysts for hydrogen generation by steam reforming of acetic acid

作者: Hu, Xun; Lu, Gongxuan

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 99页: 289-297出版年: AUG 31 2010

第 25 条，共40条

标题:Application of nickel-lanthanum composite oxide on the steam reforming of ethanol to produce hydrogen

作者: Liu, Jyong-Yue; Lee, Chia-Chan; Wang, Chi-Han; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 35页: 4069-4075出版年: MAY 2010

第 26 条，共40条

标题:Hydrogen production from steam reforming of ethanol using a ceria-supported iridium catalyst: Effect of different ceria supports

作者: Siang, Jia-Yi; Lee, Chia-Chan; Wang, Chi-Han; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 35页: 3456-3462出版年: APR 2010

第 27 条，共40条

标题:Fabrication and Application of Nickel-Lanthanum Composite Oxide on the Steam Reforming of Ethanol

作者: Liu, Jyong-Yue; Yeh, Chuin-Tih; Wang, Chen-Bin

编者: Baby, S; Sandhu, PS; Dan, Y

会议: 2010 International Conference on Chemical Engineering and Applications 会议地点: Singapore, SINGAPORE 会议日期: FEB 26-28, 2010

会议赞助商: IACSIT; Appl Chem Engn Soc; Environm Sci Soc

来源出版物:PROCEEDINGS OF 2010 INTERNATIONAL CONFERENCE ON CHEMICAL ENGINEERING AND APPLICATIONS页: 87-90出版年: 2010

第 28 条，共40条

标题:Hydrogen production via autothermal reforming of ethanol over noble metal catalysts supported on oxides

作者: Chen, Hongqing; Yu, Hao; Tang, Yong; 等.

来源出版物:JOURNAL OF NATURAL GAS CHEMISTRY卷: 18页: 191-198出版年: JUN 2009

第 29 条，共40条

标题:Investigation of the steam reforming of a series of model compounds derived from bio-oil for hydrogen production

作者: Hu, Xun; Lu, Gongxuan

来源出版物:APPLIED CATALYSIS B-ENVIRONMENTAL卷: 88页: 376-385出版年: MAY 20 2009

第 30 条，共40条

标题:Ethanol steam reforming reactions over Al2O3 center dot SiO2-Supported Ni-La catalysts

作者: Zhang, Lifeng; Li, Wei; Liu, Jie; 等.

来源出版物:FUEL卷: 88页: 511-518出版年: MAR 2009

第 31 条，共40条

标题:Investigation of the Effects of Molecular Structure on Oxygenated Hydrocarbon Steam Re-forming

作者: Hu, Xun; Lu, Gongxuan

来源出版物:ENERGY & FUELS卷: 23页: 926-933出版年: JAN-FEB 2009

第 32 条，共40条

标题:Ethanol steam reforming over Co-based catalysts: Role of oxygen mobility

作者: Song, Hua; Ozkan, Umit S.

来源出版物:JOURNAL OF CATALYSIS卷: 261页: 66-74出版年: JAN 1 2009

第 33 条，共40条

标题:The role of acidic sites and the catalytic reaction pathways on the Rh/ZrO2 catalysts for ethanol steam reforming

作者: Zhong, Ziyi; Ang, Hanwee; Choong, Catherine; 等.

来源出版物:PHYSICAL CHEMISTRY CHEMICAL PHYSICS卷: 11页: 872-880出版年: 2009

第 34 条，共40条

标题:Study on the carbon deposition in steam reforming of ethanol over Co/CeO(2) catalyst

作者: Wang, H.; Liu, Y.; Wang, L.; 等.

来源出版物:CHEMICAL ENGINEERING JOURNAL卷: 145页: 25-31出版年: DEC 1 2008

第35 条，共40条

标题:Microcalorimetric and FT-IR Studies of CO Adsorption on Supported Iridium Catalysts

作者: Wang Xingtang; Li Lin; Huang Yanqiang; 等.

来源出版物:CHINESE JOURNAL OF CATALYSIS卷: 29页: 1231-1236出版年: DEC 2008

第 36 条，共40条

标题:Production of hydrogen by ethanol steam reforming over catalysts from reverse microemulsion-derived nanocompounds

作者: Liu, Shuo; Chen, Dong; Zhang, Ke; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 33页: 3736-3747出版年: JUL 2008

第 37 条，共40条

标题:Preparation of nanoscale CexFe1-xO2 solid solution catalyst by the template method and its catalytic properties for ethanol steam reforming

作者: Lin Hongyan; Ma Zhiqiang; Ding Ling; 等.

来源出版物:CHINESE JOURNAL OF CATALYSIS卷: 29页: 418-420出版年: MAY 2008

第 38 条，共40条

标题:"Ir-in-ceria": A highly selective catalyst for preferential CO oxidation

作者: Huang, Yanqiang; Wang, Aiqin; Li, Lin; 等.

JOURNAL OF CATALYSIS卷: 255页: 144-152出版年: APR 25 2008

第 39 条，共40条

标题:Preferential oxidation of CO under excess H-2 conditions over iridium catalysts

作者: Huang, Yanqiang; Wang, Aiqin; Wang, Xiaodong; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 32页: 3880-3886出版年: NOV 2007

第 40 条，共40条

标题:Steam reforming of ethanol over Ni/Ce(x)Ti(1-x)O(2) catalysts

作者: Ye, J. L.; Wang, Y. Q.; Liu, Y.; 等.

来源出版物:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY卷: 33页: 6602-6611出版年: NOV 2008