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序号	论文题目	刊物名称 卷期页码	收录	是否 为 1 区论 文	作者	通讯 作者
1	Fast co-pyrolysis of coal and biomass in a fluidized-bed reactor	Journal of Thermal Analysis and Calorimetry, 2014, 118(3): 1663–1673.	SCI/EI	否	Jianfei Wang, Qixuan Yan, Jiantao Zhao, Zhiqing Wang, Jiejie Huang, Songping Gao, Shuangshuang Song, Yitian Fang	赵建涛 王建飞
2	Interaction and its induced inhibiting or synergistic effects during co-gasification of coal char and biomass char	Bioresource Technology, 2014, 173: 11–20.	SCI/EI	是	Liang Ding, Yongqi Zhang, Zhiqing Wang, Jiejie Huang, Yitian Fang	黄戒介
3	Investigation into the kinetics of pressurized steam gasification of chars with different coal ranks	Journal of Thermal Analysis and Calorimetry, 2014, 116(1): 519–527.	SCI/EI	否	Qixuan Yan, Jiejie Huang, Jiantao Zhao, Chunyu Li, Lisen Xia, Yitian Fang	黄戒介
4	Preliminary study on co-gasification behavior of deoiled asphalt with coal and biomass	Applied Energy, 2014, 132: 426–434.	SCI/EI	是	Qian Zhang, Qingfeng Li, Linxian Zhang, Zhiqing Wang, Xuliang Jing, Zhongliang Yu, Shuangshuang Song, Yitian Fang	房倚天
5	Effect of CO on the CH ₄ evolution during fast pyrolysis of lignite in reductive atmospheres	Journal of Analytical and Applied Pyrolysis, 2014, 106: 104–111.	SCI/EI	否	Songping Gao, Jianfei Wang, Zhiqing Wang, Jiantao Zhao, Yitian Fang	房倚天
6	Experimental and kinetic investigation of the pyrolysis, combustion, and gasification of deoiled asphalt	Journal of Thermal Analysis and Calorimetry, 2014, 115: 1929–1938.	SCI/EI	否	Qian Zhang, Qingfeng Li, Linxian Zhang, Yitian Fang, Zhiqing Wang	李庆峰
7	Investigation on the sintering behaviors of low-temperature lignite ashes	Journal of Thermal Analysis and Calorimetry, 2014, 117(3): 1311–1320.	SCI/EI	否	Shaohua Ji, Fenghai Li, Tao Wang, Zhenzhu Li, Huibin Fang, Jiejie Huang, Yitian Fang	李风海
8	Fusibility characteristics of fine chars from pilot-scale fluidized-bed gasification	Energy & Fuels, 2014, 28(11): 6793–6802.	SCI/EI	否	Fenghai Li, Huixia Xiao, Jiejie Huang, Yitian Fang, Zhaomin Xue	Zhaomin Xue
9	Understanding mineral behaviors during anthracite fluidized-bed gasification based on slag characteristics	Applied Energy, 2014, 131: 279–287.	SCI/EI	是	Fenghai Li, Zhenzhu Li, Jiejie Huang, Yitian Fang	房倚天

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10	A two-phase CFD modeling approach to investigate the flow characteristics in radial flow moving-bed reactors	International Journal of Chemical Reactor Engineering, 2014, 12(1): 1–16.	SCI/EI	否	Fangzhi Xiao, Zhenghong Luo	Zhenghong Luo
11	Modeling the industrial propylene-ethylene copolymerization FBR at emergency accidents	International Journal of Chemical Reactor Engineering, 2014, 12(1): 1–16.	SCI/EI	否	Xinwen Zhang, Zhenghong Luo	Zhenghong Luo
12	Solution combustion synthesis of cobalt oxides (Co_3O_4 and $\text{Co}_3\text{O}_4/\text{CoO}$) nanoparticles as supercapacitor electrode materials	Electrochimica Acta, 2014, 132: 127–135.	SCI/EI	否	Jiachun Deng, Litao Kang, Gailing Bai, Ying Li, Peiyang Li, Xuguang Liu, Yongzhen Yang, Feng Gao, Wei Liang	Wei Liang
13	Solvothermal synthesis of Fe_2O_3 loaded activated carbon as electrode materials for high-performance electrochemical capacitors	Electrochimica Acta, 2014, 134: 67–75.	SCI/EI	否	Ying Li, Litao Kang, Gailing Bai, Peiyang Li, Jiachun Deng, Xuguang Liu, Yongzhen Yang, Feng Gao, Wei Liang	Wei Liang
14	One-step solution combustion synthesis of $\text{Fe}_2\text{O}_3/\text{C}$ nano-composites as anode materials for lithium ion batteries	Journal of Alloys and compounds, 2014, 590: 318–323.	SCI/EI	否	Peiyang Li, Jiachun Deng, Ying Li, Wei Liang, Kun Wang, Litao Kang, Shaozhong Zeng, Shanhui Yin, Zhigang Zhao, Xuguang Liu, Yongzhen Yang, Feng Gao	Litao Kang
15	Simulation of catalytic coal gasification in a pressurized jetting fluidized bed: Effects of operating conditions	Fuel Processing Technology, 2014, 126(10): 504–512.	SCI/EI	否	Weiwei Li, Kezhong Li, Xuan Qu, Rong Zhang, Jicheng Bi	毕继诚
16	Effects of mineral matters and hydrogen bonding on rheological behaviors of brown coal-oil slurries	Fuel, 2014, 132: 187–193.	SCI/EI	否	Jiawei Kou, Zongqing Bai, Wen Li, Jin Bai, Zhenxing Guo	白宗庆
17	Effects of organic solvent treatment on the chemical structure and pyrolysis reactivity of brown coal	Fuel, 2014, 128: 39–45.	SCI/EI	否	Jingchong Yan, Zongqing Bai, Jin Bai, Zhenxing Guo, Wen Li	白宗庆 颜井冲
18	Direct liquefaction of a Chinese brown coal and CO_2 gasification of the residues	Fuel, 2014, 136: 280–286.	SCI/EI	否	Jingchong Yan, Zongqing Bai, Wen Li, Jin Bai	白宗庆

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19	Mineral transformation in char and its effect on coal char gasification reactivity at high temperatures, Part 2: Char gasification	Energy & Fuels, 2014, 28(3): 1846–1853.	SCI/EI	否	Zhibin Ma, Jin Bai, Zongqing Bai, Lingxue Kong, Zhenxing Guo, Jingchong Yan, Wen Li	白 进
20	Mineral transformation in char and its effect on coal char gasification reactivity at high temperatures, Part 3: Carbon thermal reaction	Energy & Fuels, 2014, 28(5): 3066–3073.	SCI/EI	否	Zhibin Ma, Jin Bai, Xiaodong Wen, Xiaoming Li, Yue Shi, Zongqing Bai, Lingxue Kong, Zhenxing Guo, Jingchong Yan, Wen Li	白 进 李晓明
21	Improvement of ash flow properties of low-rank coal for entrained flow gasifier	Fuel, 2014, 120: 122–129.	SCI/EI	否	Lingxue Kong, Jin Bai, Zongqing Bai, Zhenxing Guo, Wen Li	孔令学 白 进
22	Effect of HCl on V ₂ O ₅ /AC catalyst for NO reduction by NH ₃ at low temperatures	Chemical Engineering Journal, 2014, 247: 59–65.	SCI/EI	否	Yaqin Hou, Guoqin Cai, Zhanggen Huang, Xiaojin Han, Shijie Guo	黄张根
23	Study on the NO reduction by NH ₃ on SO ₄ ²⁻ /AC catalyst at low temperature	Catalysis Communications, 2014, 50: 83–86.	SCI/EI	否	Zhanggen Huang, Yaqin Hou, Zhenping Zhu, Zhenyu Liu	黄张根
24	Catalytic role of vanadium(V) sulfate on activated carbon for SO ₂ oxidation and NH ₃ -SCR of NO at low temperatures	Catalysis Communications, 2014, 56: 23–26.	SCI/EI	否	Wen Jing, Qianqian Guo, Yaqin Hou, Guoqiang Ma, Xiaojin Han, Zhanggen Huang	黄张根
25	Study of SO ₂ oxidation over V ₂ O ₅ /activated carbon catalyst using in situ diffuse reflectance infrared fourier transformation spectroscopy	Korean Journal of Chemical Engineering, 2014, 31(5): 794–800.	SCI	否	Wen Jing, Qianqian Guo, Yaqin Hou, Xiaojin Han, Zhanggen Huang	黄张根
26	Reductive regeneration of sulfated TiO ₂ catalyst in ammonia	Energy Environment Focus, 2014, 3: 1–6.	-	否	Guoqiang Ma, Yaqin Hou, Xiaojin Han, Zhanggen Huang	黄张根
27	Influence of calcination temperature on the properties of titanium oxide sulfur recovery catalysts	Journal of Nanoscience and Nanotechnology, 2014, 14(9): 7181–7188.	SCI/EI	否	Guoqiang Ma, Qianqian Guo, Yaqin Hou, Zhanggen Huang, Xiaojin Han, Yitian Fang	黄张根
28	Study on the determination of boiling point distribution of heavy oil by the new method	Journal of Environmental Analytical Toxicology, 2014, 4: 224–1–5.	-	否	Changming Zhang, Zhanggen Huang, Xiaohang Zhang, Li Yang, Yaqin Hou, Xiaojin Han	张昌鸣

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29	The influence of synthesis method on the CO ₂ adsorption capacity of Mg ₃ Al-CO ₃ hydrotalcite-derived adsorbents	Science of Advanced Materials, 2014, 6(6): 1154–1159.	SCI	否	Zhang Zhang, Junya Wang, Liang Huang, Yanshan Gao, Ahmad Umar, Zhanggen Huang, Qiang Wang	王 强
30	Effects of Na and K ions on the crystallization of low-silica X zeolite and its catalytic performance for alkylation of toluene with methanol	Journal of the Brazilian Chemical Society, 2014, 25(1): 65–74.	SCI	否	Haitao Hui, Junhua Gao, Gencun Wang, Ping Liu, Kan Zhang	张 侃 高俊华
31	Methanol to gasoline over La/HZSM-5 catalyst modified by Na ₂ CO ₃	Advanced Materials Research, 2014, 953–954: 1215–220.	EI	否	Xiaofeng Gao, Chuanmin Ding, Weili Liu, Junwen Wang, Kan Zhang, Ping Liu	高晓峰
32	Effect of shape and modification over ZSM-5 catalyst on methanol to gasoline	Advanced Materials Research, 2014, 1008–1009: 295–299.	EI	否	Xiaofeng Gao, Chuanmin Ding, Weili Liu, Linfeng Fan, Gang Song, Junwen Wang, Kan Zhang	高晓峰
33	Morphologic effects of nano CeO ₂ -TiO ₂ on the performance of Au/CeO ₂ -TiO ₂ catalysts in low-temperature CO oxidation	Applied Catalysis B: Environ., 2014, 144: 498–506.	SCI	是	Shuna Li, Huaqing Zhu, Zhangfeng Qin*, Guofu Wang, Yagang Zhang, Zhiwei Wu, Zhikai Li, Gang Chen, Weiwen Dong, Zhonghua Wu, Lirong Zheng, Jing Zhang, Tiandou Hu, Jianguo Wang	王建国 秦张峰 朱华青
34	Fuzzy logic control of a reverse flow reactor for catalytic oxidation of ventilation air methane	Control Engineering Practice, 2014, 25: 112–122.	SCI/EI	否	Zhikai Li, Zhangfeng Qin, Zhiwei Wu, Shuna Li, Yagang Zhang, Mei Dong, Weibin Fan, Jianguo Wang	王建国 秦张峰
35	Influence of preparation method on the performance of Zn-containing HZSM-5 catalysts in methanol-to-aromatics	Microporous and Mesoporous Materials, 2014, 197: 252–261.	SCI/EI	否	Xianjun Niu, Jie Gao, Qing Miao, Mei Dong, Guofu Wang, Weibin Fan, Zhangfeng Qin, Jianguo Wang	王建国 秦张峰 董 梅
36	Superior carbon-based CO ₂ adsorbents prepared from poplar anthers	Carbon, 2014, 69: 255–263.	SCI/EI	是	Jian Song, Wenzhong Shen, Jianguo Wang, Weibin Fan	樊卫斌

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37	A route to form initial hydrocarbon pool species in methanol conversion to olefins over zeolites	Journal of Catalysis, 2014, 317: 277–283.	SCI/EI	是	Junfen Li, Zhihong Wei, Yanyan Chen, Buqin Jing, Yue He, Mei Dong, Haijun Jiao, Xuekuan Li, Zhangfeng Qin, Jianguo Wang, Weibin Fan	樊卫斌
38	Graphene oxide: An efficient acid catalyst for alcoholysis and esterification reactions	ChemCatChem, 2014, 6(11): 3080–3083.	SCI/EI	否	Shanhui Zhu, Chengmeng Chen, Yanfeng Xue, Jianbing Wu, Jianguo Wang, Weibin Fan	朱善辉 樊卫斌
39	Theoretical insights into the mechanism of olefin elimination in the methanol-to-olefin process over HZSM-5, HMOR, HBEA, and HMCM-22 zeolites	Journal of Physical Chemistry A, 2014, 118(39): 8901–8910.	SCI/EI	否	Sen Wang, Yanyan Chen, Zhihong Wei, Zhangfeng Qin, Jialing Chen, Hong Ma, Mei Dong, Junfen Li, Weibin Fan, Jianguo Wang	王建国 秦张峰
40	Presulfidation and activation mechanism of Mo/Al ₂ O ₃ catalyst sulfided by ammonium thiosulfate	Korean Journal of Chemical Engineering, 2014, 31(8): 1368–1376.	SCI	否	Mingxing Tang, Hui Ge, Weibin Fan, Guofu Wang, Zhanjun Lyu, Xuekuan Li	李学宽
41	Preparation and catalytic properties of RuSalen-functionalized periodic mesoporous silicas	Microporous and Mesoporous Materials, 2014, 196: 277–283.	SCI/EI	否	Xiufeng Shi, Binbin Fan, Hongyu Li, Ruifeng Li, Weibin Fan	樊卫斌 范彬彬
42	A novel supported Cu catalyst with highly dispersed copper nanoparticles and its remarkable catalytic performance in methanol decomposition	RSC Advances, 2014, 4(94): 52008–52011.	SCI/EI	否	Shaojun Qing, Xiaoning Hou, Yajie Liu, Hongjuan Xi, Xiang Wang, Chengmeng Chen, Zhiwei Wu, Zhixian Gao	高志贤
43	Visible-light-induced selective photocatalytic oxidation of benzylamine into imine over supported Ag/AgI photocatalysts	ChemCatChem, 2014, 6: 1210–1214.	SCI/EI	否	Zhanfeng Zheng, Chao Chen, Arixin Bo, Fathima Sifani Zavahir, Eric R. Waclawik, Jian Zhao, Dongjiang Yang, Huaiyong Zhu	郑占丰
44	The properties of individual carbon residuals and their influence on the deactivation of Ni-CaO-ZrO ₂ catalysts in CH ₄ dry reforming	ChemCatChem, 2014, 6: 640–648.	SCI/EI	否	Changzhen Wang, Nannan Sun, Ning Zhao, Wei Wei, Jun Zhang, Tiejun Zhao, Yuhan Sun, Chenggong Sun, Hao Liu, Colin E. Snape	魏 伟 孙予罕

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45	Synthesis and CO ₂ capture properties of mesoporous MgAl(O) sorbent	RSC Advances, 2014, 4: 47012–47020.	SCI/EI	否	Xi Jiao, Hongguang Li, Lei Li, Fukui Xiao, Ning Zhao, Wei Wei	赵 宁
46	Methanol synthesis from CO ₂ hydrogenation over La-M-Cu-Zn-O (M=Y, Ce, Mg, Zr) catalysts derived from perovskite-type precursors	Journal of Power Sources, 2014, 251: 113–121.	SCI/EI	是	Haijuan Zhan, Feng Li, Peng Gao, Ning Zhao, Fukui Xiao, Wei Wei, Liangshu Zhong, Yuhan Sun	赵 宁 魏 伟 孙予罕
47	Influence of element doping on La-Mn-Cu-O based perovskite precursors for methanol synthesis from CO ₂ /H ₂	RSC Advances, 2014, 4: 48888–48896.	SCI/EI	否	Haijuan Zhan, Feng Li, Peng Gao, Ning Zhao, Fukui Xiao, Wei Wei, Yuhan Sun	赵 宁
48	Phase transition of silica in the TMB-P123-H ₂ O-TEOS quadrucumponment system: A feasible route to different mesostructured materials	Journal of Colloid and Interface Science, 2014, 433: 176–182.	SCI/EI	否	Chunling Xin, Ning Zhao, Haijuan Zhan, Fukui Xiao, Wei Wei, Yuhan Sun	赵 宁
49	Dimethyl carbonate synthesis over ZnO-CaO bi-functional catalysts	Catalysis Communications, 2014, 46: 46–50.	SCI/EI	否	Xiaomin Wu, Min Kang, Ning Zhao, WeiWei, Yuhan Sun	赵 宁 魏 伟
50	Synthesis of dimethyl carbonate by urea alcoholysis over Zn/Al bi-functional catalysts	Applied Catalysis A: Gen., 2014, 473: 13–20.	SCI/EI	否	Xiaomin Wu, Min Kang, Yanlong Yin, Feng Wang, Ning Zhao, Fukui Xiao, Wei Wei, Yuhan Sun	赵 宁 魏 伟
51	Fluorine-modified Cu/Zn/Al/Zr catalysts via hydrotalcite-like precursors for CO ₂ hydrogenation to methanol	Catalysis Communications, 2014, 50: 78–82.	SCI/EI	否	Peng Gao, Feng Li, Haijuan Zhan, Ning Zhao, Fukui Xiao, Wei Wei, Liangshu Zhong, Yuhan Sun	魏 伟 孙予罕
52	Enhanced thermochemical CO ₂ splitting over Mg and Ca-doped ceria/zirconia solid solutions	The Royal Society of Chemistry Advances, 2014, 4: 5583–5590.	SCI/EI	否	Min Kang, Xiaomin Wu, Jun Zhang, Ning Zhao, Wei Wei, Yuhan Sun	赵 宁 魏 伟
53	The correlation of interfacial interaction and catalytic performance of N-doped mesoporous carbon supported cobalt nanoparticles for Fischer-Tropsch synthesis	Journal of Physical Chemistry C, 2014, 118(1): 268–277.	SCI/EI	否	Yifei Yang, Litao Jia, Bo Hou, Debao Li, Jungang Wang, Yuhan Sun	贾丽涛 孙予罕

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54	The oxidizing pretreatment-mediated autoreduction behaviour of cobalt nanoparticles supported on ordered mesoporous carbon for Fischer-Tropsch synthesis	Catalysis Science & Technology, 2014, 4 (3): 717–728.	SCI/EI	否	Yifei Yang, Litao Jia, Bo Hou, Debao Li, Jungang Wang, Yuhan Sun	贾丽涛 李德宝
55	The effect of nitrogen on the autoreduction of cobalt nanoparticles supported on nitrogen-doped ordered mesoporous carbon for the Fischer-Tropsch synthesis	ChemCatChem, 2014, 6(1): 319–327.	SCI/EI	否	Yifei Yang, Litao Jia, Bo Hou, Debao Li, Jungang Wang, Yuhan Sun	贾丽涛 李德宝
56	Incorporation of highly dispersed cobalt nanoparticles into the ordered mesoporous carbon for CO hydrogenation	Catalysis Letters, 2014, 144(1): 133–141.	SCI/EI	否	Yifei Yang, Litao Jia, Bo Hou, Debao Li, Jungang Wang, Yuhan Sun	杨轶飞 贾丽涛 孙予罕
57	Gold nanoparticles stabilized by task-specific ionic complexes: Quasi-homogeneous catalysts with self-separating nature for aerobic epoxidation of styrene	Journal of Catalysis, 2014, 319: 163–173.	SCI	是	Aifeng Zeng, Ye Li, Shengpei Su, Debao Li, Bo Hou, Ningya Yu	侯 博 喻宁亚
58	The adsorption and dissociation of methane on cobalt surfaces: Thermochemistry and reaction barriers	RSC Advances, 2014, 4: 43004–43011.	SCI/EI	否	Xiaobin Hao, Qiang Wang, Debao Li, Riguang Zhang, Baojun Wang	李德宝 王宝骏
59	Source and major species of CH _x (x=1-3) in acetic acid synthesis from methane-syngas on Rh catalyst: A theoretical study	RSC Advances, 2014, 4: 58631–58642.	SCI/EI	否	Xiaojun Zhao, Riguang Zhang, Qiang Wang, Debao Li, Baojun Wang, Lixia Ling	张日光 王宝骏
60	Preparation of promoted molybdenum carbides nanowire for CO hydrogenation	Catalysis Letters, 2014, 144: 567–573.	SCI/EI	否	Changcheng Liu, Minggui Lin, Dong Jiang, Kegong Fang, Yuhan Sun	孙予罕
61	Preparation of nanostructured molybdenum carbides for CO hydrogenation	RSC Advances, 2014, 4(40): 20948–20954.	SCI/EI	否	Changcheng Liu, Minggui Lin, Kegong Fang, Yan Meng, Yuhan Sun	孙予罕
62	Highly dispersed Cu-base catalyst derived from layered double hydroxides for CO hydrogenation	Journal of Materials Science and Chemical Engineering, 2014, 2(6): 1–3.		否	Xinyou Han, Kegong Fang, Minggui Lin, Yuhan Sun	孙予罕

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63	The crystal plane effect of CoFe nanocrystals on Fischer-Tropsch synthesis	Journal of Materials Chemistry A, 2014, 2(32): 13116–13122.	SCI/EI	是	Jiaqiang Sun, Shenke Zheng, Kui Zhang, Dechen Song, Yanting Liu, Xiaodong Sun, Jiangang Chen	陈建刚
64	Synthesis and electrochemical properties of NiO nanospindles	Materials Research Bulletin, 2014, 50: 399–404.	SCI/EI	否	Hai Zhou, Baoliang Lv, Yao Xu, Dong Wu	吕宝亮
65	Synthesis of polycrystalline Co ₃ O ₄ nanowires with excellent ammonium perchlorate catalytic decomposition property	Materials Research Bulletin, 2014, 60: 492–497.	EI	否	Hai Zhou, Baoliang Lv, Dong Wu, Yao Xu	吕宝亮
66	Single-crystalline dodecahedral α -Fe ₂ O ₃ particles with nanometer size: synthesis and characterization	Journal of Nanoparticle Research, 2014, 16(12): 2799–1–8.	EI	否	Baoliang Lv, Hai Zhou, Dong Wu, Yao Xu	徐 耀
67	Effects of Fe dopants and residual carbonates on the catalytic activities of the perovskite-type La _{0.7} Sr _{0.3} Co _{1-x} Fe _x O ₃ NO _x storage catalyst	Applied Catalysis B: Environ., 2014, 146: 24–34.	SCI/EI	是	Aijing Ma, Shaozeng Wang, Cheng Liu, Hui Xian, Quan Ding, Li Guo, Ming Meng, Yisheng Tan, Noritatsu Tsubaki, Jing Zhang, Lirong Zheng, Xingang Li	李新刚
68	Low-temperature methanation of syngas in slurry phase over Zr-doped Ni/ γ -Al ₂ O ₃ catalysts prepared using different methods	Fuel, 2014, 132: 211–218.	SCI/EI	否	Junfeng Zhang, Yunxing Bai, Qingde Zhang, Xiaoxing Wang, Tao Zhang, Yisheng Tan, Yizhuo Han	韩怡卓
69	Direct synthesis of dimethyl ether from biomass-derived syngas over Cu-ZnO-Al ₂ O ₃ -ZrO ₂ (x)/ γ -Al ₂ O ₃ bifunctional catalysts: Effect of Zr-loading	Fuel Processing Technology, 2014, 126: 88–94.	SCI/EI	否	Faen Song, Yisheng Tan, Hongjuan Xie, Qingde Zhang, Yizhuo Han	韩怡卓
70	Rhenium oxide-modified H ₃ PW ₁₂ O ₄₀ /TiO ₂ catalysts for selective oxidation of dimethyl ether to dimethoxy dimethyl ether	Green Chemistry, 2014, 16: 4708–4715.	SCI	否	Qingde Zhang, Yisheng Tan, Guangbo Liu, Junfeng Zhang, Yizhuo Han	韩怡卓 谭猗生

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71	Promotional effects of Sm_2O_3 on Mn- $\text{H}_4\text{SiW}_{12}\text{O}_{40}/\text{SiO}_2$ catalyst for dimethyl ether direct-oxidation to dimethoxymethane	Journal of Industrial and Engineering Chemistry, 2014, 20: 1869–1874.	SCI/EI	否	Qingde Zhang, Yisheng Tan, Guangbo Liu, Caihong Yang, Yizhuo Han	韩怡卓 谭猗生
72	Combined air partial oxidation and CO_2 reforming of coal bed methane to synthesis gas over co-precipitated Ni-Mg-Zr O_2 catalyst	International Journal of Hydrogen Energy, 2014, 36(19): 12259–12267.	EI	否	Laizhi Sun, Yisheng Tan, Qingde Zhang, Hongjuan Xie, Yizhuo Han	韩怡卓
73	Influence of synthesis conditions on NO oxidation and NO_x storage performances of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ perovskite-type catalyst in lean-burn atmospheres	Materials Chemistry and Physics, 2014, 143: 578–586.	SCI/EI	否	Yanhua Dong, Hui Xian, Jiaolong Lv, Cheng Liu, Li Guo, Ming Meng, Yisheng Tan, Noritatsu Tsubaki, Xingang Li	李新刚
74	Synthesis of glycerol carbonate by transesterification of glycerol and dimethyl carbonate over $\text{KF}/\gamma\text{-Al}_2\text{O}_3$ catalyst	Journal of the Brazilian Chemical Society, 2014, 25(1): 152–160.	SCI	否	Zhenmin Liu, Junwei Wang, Maoqing Kang, Ning Yin, Xinkui Wang, Yisheng Tan, Yulei Zhu	王军威
75	NiO/nanoporous graphene composites with excellent supercapacitive performance produced by atomic layer deposition	Nanotechnology, 2014, 25: 504001-1–9.	SCI/EI	否	Caiying Chen, Chaoqiu Chen, Peipei Huang, Feifei Duan, Shichao Zhao, Ping Li, Jinchuan Fan, Weiguo Song, Yong Qin	陈朝秋 覃 勇
76	Preparation and evaluation of water-compatible surface molecularly imprinted polymers for selective adsorption of bisphenol A from aqueous solution	Industrial & Engineering Chemistry Research, 2014, 53(37): 14291–14300.	SCI	否	Feifei Duan, Chaoqiu Chen, Lin Chen, Yongjiao Sun, Yunwei Wang, Yongzhen Yang, Xuguang Liu, Yong Qin	刘旭光 覃 勇
77	High densities of magnetic nanoparticles supported on graphene fabricated by atomic layer deposition and their use as efficient synergistic microwave absorbers	Nano Research, 2014, 7 (5): 704–716.	SCI	是	Guizhen Wang, Zhe Gao, Gengping Wan, Shiwei Lin, Peng Yang, Yong Qin	覃 勇

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78	Size-selective catalytic growth of nearly 100% pure carbon nanocoils with copper nanoparticles produced by atomic layer deposition	ACS Nano, 2014, 8 (5): 5330–5338.	SCI/EI	是	Guizhen Wang, Gu Ran, Gengping Wan, Peng Yang, Zhe Gao, Shiwei Lin, Chuan Fu, Yong Qin	覃 勇
79	Label-free aptasensor for thrombin using a glassy carbon electrode modified with a graphene-porphyrin composite	Microchimica Acta, 2014, 181(1–2): 189–196.	SCI	否	Hongfen Zhang, Shaomin Shuang, Linlin Sun, Anjia Chen, Yong Qin, Chuan Dong	Chuan Dong, Aanjia Chen
80	Nitrogen- and oxygen-containing hierarchical porous carbon frameworks for high-performance supercapacitors	Electrochimica Acta, 2014, 134: 471–477.	SCI/EI	否	Zhonghua Zhang, Zhenfang Zhou, Hongrui Peng, Yong Qin, Guicun Li	Guicun Li
81	Nitrogen- and oxygen-containing activated carbon nanotubes with improved capacitive properties	RSC Advances, 2014, 4: 5524–5530.	SCI/EI	否	Zhenfang Zhou, Zhonghua Zhang, Hongrui Peng, Yong Qin, Guicun Li, Kezheng Chen	Guicun Li, Kezheng Chen
82	Improved cycling performance of a silicon anode for lithium ion batteries using carbon nanocoils	RSC Advances, 2014, 4(77): 40812–40815.	SCI/EI	否	Liyong Wang, Quanguai Guo, Junzhong Wang, Hai Li, Guizhen Wang, Jinhua Yang, Yan Song, Yong Qin, Lang Liu	郭全贵
83	Kesterite $\text{Cu}_2\text{ZnSn}(\text{S}_{1-x}\text{Se}_x)_4$ film synthesis through ethanol-thermal route with sulfurization/selenization treatments	Materials Letters, 2014, 139: 101–103.	EI	否	Lei Cao, Shuai Ma, Jing Sui, Jincheng Bai, Hongzhou Dong, Qian Zhang, Lifeng Dong	董立峰
84	Carbon nanofibers: Synthesis and applications	Journal of Nanoscience and Nanotechnology, 2014, 14(2): 1799–1810.	SCI/EI	否	Hongyan Song, Wenzhong Shen	申文忠
85	Cellulose generated-microporous carbon nanosheets with nitrogen doping	RSC Advances, 2014, 4(18): 9126–9132.	SCI/EI	否	Wenzhong Shen, Tuoping Hu, Weibin Fan	申文忠 樊卫斌
86	Completed encapsulation of cobalt particles in mesoporous H-ZSM-5 zeolite catalyst for direct synthesis of middle isoparaffin from syngas	Catalysis Communications, 2014, 55(1): 53–56.	SCI/EI	否	Chuang Xing, Wenzhong Shen, Guohui Yang, Ruiqin Yang, Peng Lu, Jian Sun, Yoshiharu Yoneyama, Noritatsu Tsubaki	椿范立

序号	论文题目	刊物名称 卷期页码	收录	是否 为 1 区论 文	作者	通讯 作者
87	High surface area nitrogen-containing porous carbon synthesis and adsorption of Pb(II) and Cr(VI) ions	Science of Advanced Materials, 2014, 6(5): 963–969.	SCI	否	Jiguang Qi, Shuwei Chen, Xingyu Cui, Tuoping Hu, Wenzhong Shen	申文忠 陈树伟
88	Hollow porous carbon fiber from cotton with nitrogen doping	ChemplusChem, 2014, 79(2): 284–289.	SCI	否	Wenzhong Shen, Tuoping Hu, Peiyu Wang, Haizhen Sun, Weibin Fan	申文忠 樊卫斌
89	Transformation behaviors of lead during thermal treatment of heidaigou coal	Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36(12): 1366–1371.	SCI/EI	否	R.Q. Liu, X.L. Zhang, J.W. Wang, T. J. Wang, J.F. Xie	刘瑞卿
90	Understanding the stability of pyrolysis tars from biomass in a view point of free radicals	Bioresource Technology, 2014, 156: 372–375.	SCI/EI	是	Wenjing He, Qingya Liu, Lei Shi, Zhenyu Liu, Donghui Ci, Caroline Lievens, Xiaofen Guo, Muxin Liu	刘振宇
91	Rational synthesis of three-dimensional porous ZnCo ₂ O ₄ film with nanowire walls via simple hydrothermal method	Materials Letters, 2014, 115: 208–211.	SCI/EI	否	Ruiping Zhang, Jun Liu, Hongge Guo, Xili Tong	张瑞萍
92	Synthesis of carbon microsphere under hydrothermal carbonization process and its adsorption for formic acid and ammonia	Journal of Biobased Materials and Bioenergy, 2014, 8(1): 21–26.	SCI/EI	否	Pei Li, Chuang Xing, Tuoping Hu, Wenzhong Shen	申文忠
93	Effect of novolac resin and modified novolac resin on mechanical properties of carbon fiber/epoxy composites	Advances in Polymer Technology, 2014, 33(3): 1–5.	SCI/EI	否	Hongwei He, Feng Gao, Kaixi Li, Shen Yan	Hongwei He
94	Adsorption and energetics of H ₂ O molecules and O atoms on the x-Fe ₅ C ₂ (111), (-411) and (001) surfaces from DFT	Applied Catalysis A: Gen., 2014, 475: 186–194.	SCI/EI	否	Rui Gao, Dongbo Cao, Yong Yang, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军
95	Copper promotion in CO adsorption and dissociation on the Fe(100) surface	Journal of Physical Chemistry C, 2014, 118: 20472–20480.	SCI/EI	否	Xinxin Tian, Tao Wang, Yong Yang, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军

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96	Adsorption structures and energies of Cu _n clusters on the Fe(110) and Fe ₃ C(001) surfaces	Journal of Physical Chemistry C, 2014, 118: 21963–21974.	SCI/EI	否	Xinxin Tian, Tao Wang, Yong Yang, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军
97	Structures and energies of Cu clusters on Fe and Fe ₃ C surfaces from density functional theory computation	Physical Chemistry Chemical Physics, 2014, 16: 26997–27011.	SCI	否	Xinxin Tian, Tao Wang, Yong Yang, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军
98	High coverage water aggregation and dissociation on Fe(100): A computational analysis	Journal of Physical Chemistry C, 2014, 118: 26139–26154.	SCI	否	Shaoli Liu, Xinxin Tian, Tao Wang, Xiaodong Wen, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军
99	High coverage CO activation mechanisms on Fe(100) from computations	Journal of Physical Chemistry C, 2014, 118: 1095–1101.	SCI/EI	否	Tao Wang, Xinxin Tian, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军
100	High coverage CO adsorption and dissociation on the orthorhombic Mo ₂ C(100) surface	Journal of Physical Chemistry C, 2014, 118: 3162–3171.	SCI/EI	否	Tao Wang, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军
101	Hydrogen adsorption structures and energetics on iron phase at high coverage	Journal of Physical Chemistry C, 2014, 118: 4181–4188.	SCI/EI	否	Tao Wang, Shengguang Wang, Qiquan Luo, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军
102	Dissociative hydrogen adsorption on the hexagonal Mo ₂ C surfaces at high coverage	Journal of Physical Chemistry C, 2014, 118: 8079–8089.	SCI/EI	否	Tao Wang, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军
103	Stable surface terminations of orthorhombic Mo ₂ C catalysts and their CO activation mechanisms	Applied Catalysis A: Gen., 2014, 478: 146–156.	SCI/EI	否	Tao Wang, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军
104	Coverage-dependent CO adsorption and dissociation mechanisms on iron surfaces from DFT computations	ACS Catalysis, 2014, 4: 1991–2005.	SCI/EI	否	Tao Wang, Xinxin Tian, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军

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105	Carbonization of ethylenediamine coimpregnated CoMo/Al ₂ O ₃ catalysts sulfided by organic sulfiding agent	ACS Catalysis, 2014, 4: 2556–2565.	SCI/EI	否	Hui Ge, Xiaodong Wen, Manuel A Ramos, Russell R. Chianelli, Shanmin Wang, Jianguo Wang, Zhangfeng Qin, Zhanjun Lyu, Xuekuan Li	葛 辉 温晓东 李学宽
106	Stress-induced phase transformation and optical coupling of silver nanoparticle superlattices into mechanically stable nanowires	Nature communications, 2014, 5: 4179-1–7.	SCI	否	Binsong Li, Xiaodong Wen, Ruipeng Li, Zhongwu Wang, Paul G. Clem, Hongyou Fan	Hongyou Fan
107	A DFT + U study of acetylene selective hydrogenation over anatase supported PdaAgb (<i>a</i> + <i>b</i> = 4) cluster	Physical Chemistry Chemical Physics, 2014, 16: 17541–17550.	SCI	否	Lingdong Meng, Guichang Wang	Guichang Wang
108	Insight into the general rule for the activation of the X–H bonds (X = C, N, O, S) induced by chemisorbed oxygen atoms	Physical Chemistry Chemical Physics, 2014, 16: 2621–2629.	SCI	否	Bin Xing, Guichang Wang	Guichang Wang
109	A DFT study of methanol oxidation on Co ₃ O ₄	Catalysis Communications, 2014, 45: 83–90.	SCI/EI	否	Cunqin Lv, Chang Liu, Guichang Wang	王贵昌
110	Adsorption of Ni, Pd, Pt, Cu, Ag and Au on the Fe ₃ O ₄ (111) surface	Surface Science, 2014, 628: 141–147.	SCI/EI	否	Xiaohu Yu, Xinxin Tian, Shengguang Wang	王盛光
111	On the gas-phase OsO _n ⁺ (n=0-3) catalyzed reduction of N ₂ O by H ₂ : A density functional study	Computational and Theoretical Chemistry, 2014, 1042: 35–40.	SCI	否	Jianhui Zhang, Yongcheng Wang, Haijun Jiao, Zhiyuan Geng	王永成
112	In situ grafted carbon on sawtooth-like SiC supported Ni for high-performance supercapacitor electrodes	Chemical communication, 2014, 50: 228–230.	SCI	否	Song Xie, Xiaoning Guo, Guoqiang Jin, Xili Tong, Yingyong Wang, Xiangyun Guo	郭向云
113	Copper nanoparticles on graphene support: An efficient photocatalyst for coupling of nitroaromatics in visible light	Angewandte Chemie International Edition, 2014, 53(7): 1973–1977.	SCI/EI	是	Xiaoning Guo, Caihong Hao, Guoqiang Jin, Huaiyong Zhu, Xiangyun Guo	郭向云 朱怀勇

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114	Enhanced photoelectrochemical water splitting performance of TiO ₂ nanotube arrays coated with an ultrathin nitrogen-doped carbon film by molecular layer deposition	Nanoscale, 2014, 6: 6692–6700.	SCI/EI	是	Xili Tong, Peng Yang, Yunwei Wang, Yong Qin, Xiangyun Guo	童希立 覃 勇
115	The enhanced catalytic performance of Pd/SiC for the hydrogenation of furan derivatives at ambient temperature under visible light irradiation	Catalysis Science & Technology, 2014, 4: 2494–2498.	SCI/EI	否	Zhifeng Jiao, Xiaoning Guo, Zhaoyang Zhai, Guoqiang Jin, Xiaomin Wang, Xiangyun Guo	郭向云 郭晓宁
116	Promoting performance and CO tolerance of Pt nanocatalyst for direct methanol fuel cells by supporting on high-surface-area silicon carbide	Journal of Solid State Electrochemistry, 2014, 18: 929–934.	SCI/EI	否	Lili Dong, Xili Tong, Yingyong Wang, Xiaoning Guo, Guoqiang Jin, Xiangyun Guo	郭向云 童希立
117	Graphene-supported Cu ₂ O nanoparticles: An efficient heterogeneous catalyst for C-O cross-coupling of aryl iodides with phenols	Catalysis Science & Technology, 2014, 4: 4196–4199.	SCI/EI	否	Zhaoyang Zhai, Xiaoning Guo, Zhifeng Jiao, Guoqiang Jin, Xiangyun Guo	郭向云
118	The influence of a second metal on the Ni/SiC catalyst for the methanation of syngas	<u>Korean Chemical Engineering Research</u> , 2014, 52(5): 678–687.	-	否	Lanlan Song, Yue Yu, Xiaoxiao Wang, Guoqiang Jin, Yingyong Wang, Xiangyun Guo	郭向云 于 跃
119	Synthesis of porous NiS nanoflake arrays by ion exchange reaction from NiO and their high performance supercapacitor properties	Materials Letters, 2014, 124: 133–136.	SCI/EI	否	Xiaoyan Yan, Xili Tong, Lei Ma, Yuming Tian, Yuesheng Cai, Changwei Gong, Mingang Zhang, Liping Liang	童希立 闫晓燕
120	Synthesis of mesoporous NiO nanoflake array and its enhanced electrochemical performance for supercapacitor application	Journal of Alloys and Compounds, 2014, 593: 184–189.	SCI/EI	否	Xiaoyan Yan, Xili Tong, Jian Wang, Changwei Gong, Mingang Zhang, Liping Liang	童希立 闫晓燕
121	Synthesis of hollow nickel oxide nanotubes by electrospinning with structurally enhanced lithium storage properties	Materials Letters, 2014, 136: 74–77.	SCI/EI	否	Xiaoyan Yan, Xili Tong, Jian Wang, Changwei Gong, Mingang Zhang, Liping Liang	童希立 闫晓燕

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122	Hierarchically porous nickel oxide nanoflake arrays grown on carbon cloth by chemical bath deposition as superior flexible electrode for supercapacitors	Materials Letters, 2014, 136: 198–201.	SCI/EI	否	Ruiping Zhang, Jun Liu, Hongge Guo, Xili Tong	张瑞萍
123	Fabrication of cobalt oxide/carbon core-branch nanowire arrays as cathode materials for supercapacitor application	Materials Letters, 2014, 134: 190–193.	SCI/EI	否	Ruiping Zhang, Jun Liu, Hongge Guo, Xili Tong	张瑞萍
124	Synthesis of CuO nanowire arrays as high-performance electrode for lithium ion batteries	Materials Letters, 2014, 139: 55–58.	EI	否	Ruiping Zhang, Jun Liu, Hongge Guo, Xili Tong	张瑞萍
125	Titania nanosheet-mediated construction of a two-dimensional titania/cadmium sulfide heterostructure for high hydrogen evolution activity	Advanced Materials, 2014, 26(5): 734–738.	SCI/EI	是	Jian Zhang, Zhenping Zhu, Yanping Tang, Klaus Müllen, Xinliang Feng	冯新亮
126	Kinetic reconstruction of TiO ₂ surfaces as visible-light-active crystalline phases with high photocatalytic performance	Journal of Materials Chemistry A, 2014, 2: 4907–4911.	SCI/EI	是	Peng Zheng, Ruipeng Hao, Jianghong Zhao, Suping Jia, Baoyue Cao, Zhenping Zhu	朱珍平
127	The inherent kinetic electrochemical reduction of oxygen into H ₂ O on FeN ₄ -carbon: A density functional theory study	Journal of Power Sources, 2014, 255: 65–69.	SCI/EI	是	Jing Zhang, Zhijian Wang, Zhenping Zhu	朱珍平 王志坚
128	Self-assembly of CNH nanocages with remarkable catalytic performance	Journal of Materials Chemistry A, 2014, 2: 8179–8183.	SCI/EI	是	Jing Zhang, Zhijian Wang, Li Li, Jianghong Zhao, Jianfeng Zheng, Huijuan Cui, Zhenping Zhu	王志坚 朱珍平
129	Strategy to improve photovoltaic performance of DSSC sensitized by zinc porphyrin using salicylic acid as a tridentate anchoring group	ACS Applied Materials Interfaces, 2014, 6(9): 6697–6703.	SCI/EI	是	Faliang Gou, Jiang Xu, Ran Fang, Huanwang Jing, Zhenping Zhu	景欢旺 朱珍平
130	Construction of a Mo _x C/Ni network electrode with low overpotential for hydrogen generation	ChemCatChem, 2014, 6(7): 2059–2064.	SCI/EI	否	Jian Zhang, Xin Meng, Jianghong Zhao, Zhenping Zhu	赵江红 朱珍平

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131	Construction of two-dimensional MoS ₂ /CdS p-n nanohybrids for highly efficient photocatalytic hydrogen evolution	Chemistry-A European Journal, 2014, 20: 10632–10635.	SCI/EI	否	Jian Zhang, Zhenping Zhu, Xinliang Feng	朱珍平
132	Cooperative dehydrogenation coupling of isopropanol and hydrogenation coupling of acetone over a sodium tantalate photocatalyst	ChemCatChem, 2014, 6(6): 1673–1678.	SCI/EI	否	Baoyue Cao, Jian Zhang, Jianghong Zhao, Zhijian Wang, Pengju Yang, Hongxia Zhang, Li Li, Zhenping Zhu	朱珍平
133	Graphene frameworks promoted electron transport in quantum dot-sensitized solar cells	ACS Applied Materials Interfaces, 2014, 6(16): 13833–13840.	SCI/EI	是	Yanyan Zhu, Xin Meng, Huijuan Cui, Suping Jia, Jianhui Dong, Jianfeng Zheng, Jianghong Zhao, Zhijian Wang, Li Li, Li Zhang, Zhenping Zhu	贾素萍 朱珍平
134	TiO ₂ -photocatalytic acceptorless dehydrogenation coupling of primary alkyl alcohols into acetals	Green Chemistry, 2014, 16: 4076–4080.	SCI	否	Hongxia Zhang, Zhenping Zhu, Yupeng Wu, Tianjian Zhao, Li Li	张红霞 朱珍平
135	Significant catalytic effects induced by the electronic interactions between carboxyl and hydroxyl group modified carbon nanotube supports and vanadium species for NO reduction with NH ₃ at low temperature	Chemical Engineering Journal, 2014, 254: 399–409.	SCI/EI	否	Li Wang, Jianghong Zhao, Shuli Bai, Hui Zhao, Zhenping Zhu	王 丽 赵江红
136	P-N co-doping induced structural recovery of TiO ₂ for overall water splitting under visible light irradiation	Journal of Alloys and Compounds, 2014, 615: 79–83.	SCI/EI	否	Peng Zheng, Haijun Wu, Jialin Guo, Jianhui Dong, Suping Jia, Zhenping Zhu	朱珍平
137	Cu nanoparticles inlaid mesoporous Al ₂ O ₃ as a high-performance bifunctional catalyst for ethanol synthesis via dimethyl oxalate hydrogenation	ACS Catalysis, 2014, 4: 3612–3620.	SCI/EI	否	Yifeng Zhu, Xiao Kong, Xianqing Li, Guoqiang Ding, Yulei Zhu, Yongwang Li	朱玉雷

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138	Effect of TiO ₂ promotion on the structure and performance of silica-supported cobalt-based catalysts for Fischer-Tropsch synthesis	Journal of Molecular Catalysis A: Chemical, 2014, 390: 52–62.	SCI/EI	否	Huatao Wu, Yong Yang, Haiyun Suo, Ming Qing, Lai Yan, Baoshan Wu, Jian Xu, Hongwei Xiang, Yongwang Li	杨 勇 相宏伟
138	SiO ₂ promoted Pt/WO _x /ZrO ₂ catalysts for the selective hydrogenolysis of glycerol to 1,3-propanediol	Applied Catalysis B: Environ., 2014, 158–159: 391–399.	SCI/EI	是	Shanhui Zhu, Xiaoqing Gao, Yulei Zhu, Jinglei Cui, Hongyan Zheng, Yongwang Li	朱玉雷 朱善辉
140	The rise of calcination temperature enhances the performance of Cu catalysts: Contributions of support	ACS Catalysis, 2014, 4: 3675–3681.	SCI/EI	否	Yifeng Zhu, Xiao Kong, Dongbo Cao, Jinglei Cui, Yulei Zhu, Yongwang Li	朱玉雷
141	Study on an iron-nickel bimetallic Fischer-Tropsch synthesis catalyst	Fuel Processing Technology, 2014, 118: 117–124.	SCI/EI	否	Tingzhen Li, Hulin Wang, Yong Yang, Hongwei Xiang, Yongwang Li	相宏伟
142	Transesterification of dimethyl carbonate with tetrahydrofurfuryl alcohol on the K ₂ CO ₃ /ZrO ₂ catalyst-Function of the surface carboxylate species	Applied Catalysis B: Environ., 2014, 152–153: 226–232.	SCI/EI	是	Bin Zhang, Guoqiang Ding, Hongyan Zheng, Yulei Zhu	朱玉雷 张 斌
143	Switchable synthesis of 2,5-dimethylfuran and 2,5-dihydroxymethyltetrahydrofuran from 5-hydroxymethylfurfural over raney Ni catalyst	RSC Advances, 2014, 4: 60467–60472.	SCI/EI	否	Xiao Kong, Yifeng Zhu, Hongyan Zheng, Fang Dong, Yulei Zhu, Yongwang Li	朱玉雷
144	Aqueous phase hydrogenolysis of glucose to 1,2-propanediol over copper catalysts supported by sulfated spherical carbon	Catalysis Communications, 2014, 54: 108–113.	SCI/EI	否	Dong Liang, Chengwei Liu, Shuping Deng, Yulei Zhu, Chunxiang Lv	吕春祥
145	Catalytic hydroconversion of extraction residue from Shengli lignite over Fe-S/ZSM-5	Fuel Processing Technology, 2014, 126: 131–137.	SCI/EI	否	Licheng Yu, XianyongWei, Yinghua Wang, Dongdong Zhang, Zhe Wen, Zhimin Zong, Xing Fan, Yunpeng Zhao, Wei Zhao, Yulei Zhu	魏贤勇

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146	Graphene Oxide Catalyzed Dehydration of Fructose into 5-Hydroxymethylfurfural with Isopropanol as Cosolvent	ChemCatChem, 2014, 6(3): 728–732.	SCI/EI	否	Hongliang Wang, Qingqiang Kong, Tiansheng Deng, Chengmeng Chen, Xianglin Hou, Yulei Zhu	侯相林 朱玉雷
147	NMR insights on the properties of ZnCl ₂ molten salt hydrate medium through its interaction with SnCl ₄ and fructose	ACS Sustainable Chemistry & Engineering, 2014, 2: 2576–2581.	SCI/EI	否	Yan Qiao, Christian Marcus Pedersen, Yingxiong Wang, Xianglin Hou	侯相林
148	Efficient one-pot synthesis of deoxyfructosazine and fructosazine from D-glucosamine hydrochloride using basic ionic liquid as a dual solvent-catalyst	RSC Advances, 2014, 4: 44253–44260.	SCI/EI	否	Lingyu Jia, Yingxiong Wang, Yan Qiao, Yongqin Qi, Xianglin Hou	侯相林
149	Diaceno[<i>a,e</i>]pentalenes from homoannulations of <i>o</i> -alkynylaryliodides utilizing a unique Pd(OAc) ₂ /n-Bu ₄ NOAc catalytic combination	Organic Letters, 2014, 6(18): 4924–4927.	SCI	否	Junjian Shen, Dafei Yuan, Yan Qiao, Xingxing Shen, Zhongbo Zhang, Yuwu Zhong, Yuanping Yi, Xiaozhang Zhu	朱晓张
150	Ab initio analysis on the interaction of CO ₂ binding to peracetated D-glucopyranose	Journal of Molecular Modeling, 2014, 20(6): 2259–1–10.	SCI	否	Honghong Chang, Congcong Yang, Xing Li, Wenlong Wei, Xianyong Pang, Yan Qiao	庞先勇 乔 岩
151	Bond deformation paths and electronic instabilities of ultraincompressible transition metal diborides: Case study of OsB ₂ and IrB ₂	Physical Review B, 2014, 90(9): 105–108.	SCI	否	R. F. Zhang, D. Legut, X. D. Wen, S. Veprek, K. Rajan, T. Lookman, H. K. Mao, Y. S. Zhao	R. F. Zhang