

• 2015 年发表国际期刊论文 223 篇

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	Catalytic gasification activity of Na_2CO_3 and comparison with K_2CO_3 for a high-aluminum coal char	Energy & Fuels, 2015, 29(11): 6988–6998.	SCI/EI	否	Yongwei Wang, Zhiqing Wang, Jiejie Huang, Yitian Fang	黄戒介
2	Exploration of slagging behaviors during multistage conversion fluidized-bed (MFB) gasification of low-rank coals	Energy & Fuels, 2015, 29(12): 7816–7824.	SCI/EI	否	Fenghai Li, Hongli Fan, Yitian Fang	房倚天
3	An investigation on the fusibility characteristics of low-rank coals and biomass mixtures	Fuel, 2015, 158: 884–890.	SCI/EI	否	Fenghai Li, Meiling Xu, Tao Wang, Yitian Fang, Mingjie Ma	Mingjie Ma
4	Modification of ash fusion behavior of lignite by the addition of different biomasses	Energy & Fuels, 2015, 29: 2979–2986.	SCI/EI	否	Fenghai Li, Yitian Fang	房倚天
5	Effect of two-level over-fire air on the combustion and NO_x emission characteristics in a 600 MW wall-fired boiler	Numerical Heat Transfer Part A-Applications, 2015, 68(9): 993–1009.	SCI/EI	否	Hu Liu, Chunli Tang, Lei Zhang, Hua Zhu, Li Nie, Defu Che	Defu Che
6	Lignite-char gasification mechanism in mixed atmospheres of steam and CO_2 at different pressures	Fuel Processing Technology, 2015, 138: 555–563.	SCI/EI	否	Fenghai Li, Qixuan Yan, Jiejie Huang, Jiantao Zhao, Yitian Fang, Jianfei Wang	黄戒介
7	Numerical evaluation and improvement efficiency of radial flow moving-bed reactors for catalytic pyrolysis of light hydrocarbons to low carbon olefins	Canadian Journal of Chemical Engineering, 2015, 93(6): 1033–1043.	SCI/EI	否	Fangzhi Xiao, Houyang Chen, Zhenghong Luo	罗正鸿
8	Effect of calcium additive on product yields in hydrogasification of nickel-loaded Chinese sub-bituminous coal	Fuel, 2015, 147(1): 133–140.	SCI/EI	否	Shenfu Yuan, Xuan Qu, Rong Zhang, Jicheng Bi	曲 旋 毕继诚
9	Study of the microtextural transformation of coal char during supercritical water activation	Fuel Processing Technology, 2015, 135: 195–202.	SCI	否	Xianxian Zhou, Xuan Qu, Rong Zhang, Jicheng Bi	毕继诚
10	Destruction of representative submarine food waste using supercritical water oxidation	Environmental Science and Pollution Research, 2015, 22: 4527–4533.	SCI	否	Shiying Chen, Xuan Qu, Rong Zhang, Jicheng Bi	毕继诚

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11	Addition of ash to prevent agglomeration during catalytic coal gasification in a pressurized fluidized bed	Fuel Processing Technology, 2015, 134: 414–423.	SCI/EI	否	Tao Lu, Kezhong Li, Rong Zhang, Jicheng Bi	毕继诚
12	Characteristics and application of co-pyrolysis of coal/biomass blends with solid heat carrier	Fuel Processing Technology, 2015, 138: 743–749.	SCI/EI	否	Min Guo, Jicheng Bi	毕继诚
13	Pyrolysis characteristics of corn stalk with solid heat carrier	BioResources, 2015, 10(3): 3839–3851.	SCI	否	Min Guo, Jicheng Bi	毕继诚
14	Simulation study of Shenmu coal pyrolysis by gas heat carrier based on a moving bed	Energy & Fuels, 2015, 29(11): 7727–7733.	SCI/EI	否	Peng Liang, Yaqing Zhang, Wanmin Jiang, Aifang Wei, Tao Liu, Jiafeng Wu	梁 鹏
15	Chemical structure and reactivity alterations of brown coals during thermal treatment with aromatic solvents	Fuel Processing Technology, 2015, 137: 117–123.	SCI/EI	否	Jingchong Yan, Zongqing Bai, Jin Bai, Wen Li	白宗庆 闫景冲
16	Effect of coal particle size on distribution and thermal behavior of pyrite during pyrolysis	Fuel, 2015, 148: 145–151.	SCI/EI	否	Huiling Zhao, Zongqing Bai, Jin Bai, Zhenxing Guo, Lingxue Kong, Wen Li	白宗庆
17	Transformations of pyrite in different associations during pyrolysis of coal	Fuel Processing Technology, 2015, 131: 304–310.	SCI/EI	否	Huiling Zhao, Zongqing Bai, Jingchong Yan, Jin Bai, Wen Li	白宗庆
18	An approach for utilization of direct coal liquefaction residue: Blending with low-rank coal to prepare slurries for gasification	Fuel, 2015, 145: 143–150.	SCI/EI	否	Dongmei Lv, Wei Yuchi, Zongqing Bai, Jin Bai, Lingxue Kong, Zhenxing Guo, Jingchong Yan, Wen Li	白宗庆
19	Synergistic effects during co-pyrolysis and liquefaction of biomass and lignite under syngas	Journal of thermal analysis and calorimetry, 2015, 119(3): 2133–2140.	SCI/EI	否	Zhenxing Guo, Zongqing Bai, Jin Bai, Zhiqing Wang, Wen Li	白宗庆 王志青
20	The internal and external factor on coal ash slag viscosity at high temperatures, Part 1: Effect of cooling rate on slag viscosity, measured continuously	Fuel, 2015, 158: 968–975.	SCI/EI	否	Lingxue Kong, Jin Bai, Wen Li, Xiaodong Wen, Xiaoming Li, Zongqing Bai, Zhenxing Guo, Huaizhu Li	白 进 李晓明

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21	The internal and external factor on coal ash slag viscosity at high temperatures, Part 2: Effect of residual carbon on slag viscosity	Fuel, 2015, 158: 976–982.	SCI/EI	否	Lingxue Kong, Jin Bai, Wen Li, Xiaodong Wen, Xingchen Liu, Xiaoming Li, Zongqing Bai, Zhenxing Guo, Huaizhu Li	白 进 李晓明
22	Effect of Ca ²⁺ species with different modes of occurrence on direct liquefaction of a calcium-rich lignite	Fuel Processing Technology, 2015, 133: 161–166.	SCI/EI	否	Xiao Li, Zongqing Bai, Jin Bai, Bianbian Zhao, Pei Li, Yanna Han, Lingxue Kong, Wen Li	白宗庆
23	Influences of exchangeable metallic species on solvent extraction of Xiaolongtan lignite and characterization of the separated portions	Fuel Processing Technology, 2015, 138: 42–47.	SCI/EI	否	Xiao Li, Zongqing Bai, Jin Bai, Yanna Han, Pei Li, Dongmei Lv, Junli Xu, Xin Dai, Lingxue Kong, Wen Li	白宗庆
24	Transformations and roles of sodium species with different occurrence modes in direct liquefaction of Zhundong coal from Xinjiang, northwestern China	Energy & Fuels, 2015, 29(9): 5633–5639.	SCI/EI	否	Xiao Li, Zongqing Bai, Jin Bai, Yanna Han, Lingxue Kong, Wen Li	白宗庆
25	Reduced carbon emission estimates from fossil fuel combustion and cement production in China	Nature, 2015, 524: 335–338.	SCI	是	Zhu Liu, Dabo Guan, Wei Wei, Steven J. Davis, Philippe Ciais, Jin Bai, Shushi Peng, Qiang Zhang, Klaus Hubacek, Gregg Marland, Robert J. Andres, Douglas Crawford-Brown, Jintai Lin, Hongyan Zhao, Chaopeng Hong, Thomas A. Boden, Kuishuang Feng, Glen P. Peters, Fengming Xi, Junguo Liu, Yuan Li, Yu Zhao, Ning Zeng, Kebin He	刘 竹

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26	Insight into the effects of sodium species with different occurrence modes on the structural features of residues derived from direct liquefaction of Zhundong coal by multiple techniques	Energy & Fuels, 2015, 29(11): 7142–7149.	SCI/EI	否	Xiao Li, Zongqing Bai, Jin Bai, Yanna Han, Lingxue Kong, Wen Li	白宗庆
27	Behavior of minerals in typical Shanxi coking coal during pyrolysis	Energy & Fuels, 2015, 29(11): 6912–6919.	SCI/EI	否	Huirong Zhang, Jin Bai, Lingxue Kong, Xiaoming Li, Zongqing Bai, Wen Li	白 进
28	Viscosity of coal ash slag containing vanadium and nickel	Fuel Processing Technology, 2015, 136: 25–33.	SCI	否	Zhigang Wang, Jin Bai, Lingxue Kong, Xiaodong Wen, Xiaoming Li, Zongqing Bai, Wen Li, Yue Shi	白 进 李晓明
29	On the nature of oxygen groups for NH ₃ -SCR of NO over carbon at low temperatures	Chemical Engineering Journal, 2015, 270: 41–49.	SCI/EI	否	Qianqian Guo, Wen Jing, Yaqin Hou, Zhanggen Huang, Guoqiang Ma, Xiaojin Han, Dekui Sun	黄张根
30	Promoting role of sulfur groups in selective catalytic reduction of NO with NH ₃ over H ₂ SO ₄ modified activated carbons	Korean Journal of Chemical Engineering, 2015, 32(11): 2257–2263.	SCI	否	Qianqian Guo, Wen Jing, Shangzeng Cheng, Zhanggen Huang, Dekui Sun, Yaqin Hou, Xiaojin Han	黄张根
31	Synthesis of layered double hydroxides /graphene oxide nanocomposite as a novel high-temperature CO ₂ adsorbent	Journal of Energy Chemistry, 2015, 24: 127–137.	SCI/EI	否	Junya Wang, Xueyi Mei, Liang Huang, Qianwen Zheng, Yaqian Qiao, Ketao Zang, Shengcheng Mao, Ruoyan Yang, Zhang Zhang, Yanshan Gao, Zhanhu Guo, Zhanggen Huang, Qiang Wang	王 强
32	Treatment of amoxicillin by O ₃ /Fenton process in a rotating packed bed	Journal of Environmental Management, 2015, 150: 404–411.	SCI	否	Mo Li, Zequan Zeng, Yingwen Li, Moses Arowo, Jianfeng Chen, Hong Meng, Lei Shao	Hong Meng, Lei Shao

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33	Effect of SO ₂ on SCR activity of MnO _x /PG catalysts at low temperature	Chemical Papers, 2015, 69(12): 1548–1555.	SCI	否	Xianlong Zhang, Shuangshuang Lv, Cuiping Zhang, Xueping Wu, Lianfeng Zhang, Junwei Wang, Xiaobin Jia, Hengjian Zhang	Xueping Wu
34	One step synthesis of mesoporous NiO-Al ₂ O ₃ catalyst for partial oxidation of methane to syngas: The role of calcination temperature	Fuel, 2015, 162: 148–154.	SCI/EI	否	Chuanmin Ding, Weili Liu, Junwen Wang, Ping Liu, Kan Zhang, Xiaofeng Gao, Guangyue Ding, Shibin Liu, Yulin Han, Xishun Ma	王俊文
35	Silver(I)-catalyzed synthesis of β-oxopropylcarbamates from propargylic alcohols and CO ₂ surrogate: A gas-free process	ChemSusChem, 2015, 8: 3967–3972.	EI	否	Qingwen Song, Zhihua Zhou, Hong Yin, Liangnian He	何良年
36	Ti-rich TS-1: A highly active catalyst for epoxidation of methallyl chloride to 2-methyl epichlorohydrin	Applied Catalysis A: General, 2015, 491: 78–85.	SCI/EI	否	Weiyong Jiao, Yue He, Junfen Li, Jianguo Wang, Takashi Tatsumi, Weibin Fan	樊卫斌
37	Methanol to olefins over H-MCM-22 zeolite: Theoretical study on the catalytic roles of various pores	ACS Catalysis, 2015, 5(2): 1131–1144.	SCI/EI	否	Sen Wang, Zhihong Wei, Yanyan Chen, Zhangfeng Qin, Hong Ma, Mei Dong, Weibin Fan, Jianguo Wang	王建国 秦张峰
38	Effect of Ge content on the synthesis and structure of Ge-ITQ-13 zeolite	Mater. Express, 2015, 5(1): 73–78.	SCI	否	Liping Li, Xiaojing Cui, Shutao Xu, Junfen Li, Zhangfeng Qin, Jianguo Wang	王建国 李丽萍
39	Synthesis of SAPO-34/ZSM-5 composite and its catalytic performance in the conversion of methanol to hydrocarbons	Journal of the Brazilian Chemical Society, 2015, 26(2): 290–296.	SCI	否	Liping Li, Xiaojing Cui, Junfen Li, Jianguo Wang	王建国 李丽萍
40	Synthesis of two-dimensional mesoporous carbon nitride under different carbonization temperatures and investigation of its catalytic properties in Knoevenagel condensations	RSC Advance, 2015, 5(29): 22838–22846.	SCI/EI	否	Lina Zhang, Hao Wang, Zhangfeng Qin, Jianguo Wang, Weibin Fan	樊卫斌 王 浩

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41	Catalytic properties and deactivation behavior of H-MCM-22 in the conversion of methanol to hydrocarbons	RSC Advance, 2015, 5(36): 28794–28802.	SCI/EI	否	Pengfei Wang, Lizhi Huang, Junfen Li, Mei Dong, Jianguo Wang, Takashi Tatsumi, Weibin Fan	樊卫斌
42	High Si/Al ratio HZSM-5 zeolite: An efficient catalyst for the synthesis of polyoxymethylene dimethyl ethers from dimethoxymethane and trioxymethylene	Green Chemistry, 2015, 17(4): 2353–2357.	SCI	否	Jianbing Wu, Huaqing Zhu, Zhiwei Wu, Zhangfeng Qin, Lai Yan, Baoliang Du, Weibin Fan, Jianguo Wang	王建国 秦张峰
43	Highly active Au-Pd nanoparticles supported on three-dimensional graphene-carbon nanotube hybrid for selective oxidation of methanol to methyl formate	RSC Advance, 2015, 5(56): 44835–44839.	SCI/EI	否	Ruiyi Wang, Zhiwei Wu, Guofu Wang, Zhangfeng Qin, Chenmeng Chen, Mei Dong, Huaqing Zhu, Weibin Fan, Jianguo Wang	王建国 秦张峰
44	Graphene-based catalysis for biomass conversion	Catalysis Science & Technology, 2015, 5(8): 3845–3858.	SCI/EI	否	Shanhui Zhu, Jianguo Wang, Weibin Fan	樊卫斌 朱善辉
45	Effect of zeolite pore structure on the diffusion and catalytic behaviors in the transalkylation of toluene with 1,2,4-trimethylbenzene	RSC Advance, 2015, 5(81): 66301–66310.	SCI/EI	否	Yanchun Li, Hao Wang, Mei Dong, Junfen Li, Zhangfeng Qin, Jianguo Wang, Weibin Fan	樊卫斌 王 浩
46	Effect of polyelectrolyte and fatty acid soap on the formation of CaCO ₃ in the bulk and the deposit on hard surfaces	ACS Applied Materials & Interfaces, 2015, 7(38): 21115–21129.	SCI/EI	否	Hao Wang, Viveka Alfredsson, Juergen Tropsch, Roland Ettl, Tommy Nylander	Tommy Nylander
47	The formation and degradation of active species during methanol conversion over protonated zeotype catalysts	Chemical Society Reviews, 2015, 44(20): 7155–7176.	SCI	是	U. Olsbye, S. Svelle, K. P. Lillerud, Zhihong Wei, Yanyan Chen, Junfen Li, Jianguo Wang, Weibin Fan	樊卫斌 U. Olsbye
48	Synthesis of chiral polymorph A-enriched zeolite beta with an extremely concentrated fluoride route	Scientific Reports, 2015, 5: 11521–1–10.	SCI	否	Mingquan Tong, Daliang Zhang, Weibin Fan, Jun Xu, Liangkui Zhu, Wen Guo, Wenfu Yan, Jihong Yu, Shilun Qiu, Jianguo Wang, Feng Deng, Ruren Xu	Mingquan Tong

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49	Polymethylbenzene or alkene cycle? Theoretical study on their contribution to the process of methanol to olefins over H-ZSM-5 zeolite	Journal of Physical Chemistry C, 2015, 119(51): 28482–28498.	EI	否	Sen Wang, Yanyan Chen, Zhihong Wei, Zhangfeng Qin, Hong Ma, Mei Dong, Junfen Li, Weibin Fan, Jianguo Wang	王建国 秦张峰
50	Production of gasoline range hydrocarbons from methanol on hierarchical ZSM-5 and Zn/ZSM-5 catalyst prepared with soft second template	Journal of Energy Chemistry, 2015, 24: 490–496.	SCI	否	Xiaodong Wang, Xiaoxia Gao, Mei Dong, Hongbin Zhao, Wei Huang	黄 伟
51	Preparation, characterization of Fe ion exchange modified titanate nanotubes and photocatalytic activity for oxytetracycline	Fresenius Environmental Bulletin, 2015, 24(7): 2348–2353.	SCI	否	Changyu Lu, Weisheng Guan, Yuexin Peng, Li Yang, Tuan K. A. Hoang, Xiaodong Wang	Weisheng Guan
52	Salicylideneanilines encapsulated mesoporous silica functionalized gold nanoparticles: a low temperature calibrated fluorescent thermometer	RSC Advances, 2015, 5(94): 77056–77061.	SCI/EI	否	Jian Wu, Qingmei Cheng, Wei Zhou, Zhihong Wei, Jinglei Yang	Jinglei Yang
53	Polyvinylpyrrolidone-stabilized magnetic nickel nanochains for cancer hyperthermia and catalysis applications	RSC Advances, 2015, 5(29): 22965–22971.	SCI/EI	否	Jian Wu, Wei Zhou, Qingmei Cheng, Jinglei Yang	Jinglei Yang
54	Rare earth fluorescent nanomaterials for enhanced development of latent fingerprints	ACS Applied Materials and Interfaces, 2015, 7(51): 28110–28115.	EI	否	Meng Wang, Ming Li, Aoyang Yu, Jian Wu, Chuanbin Mao	Jian Wu, Chuanbin Mao
55	Glucosamine condensation catalyzed by 1-ethyl-3-methylimidazolium acetate: Mechanistic insight from NMR spectroscopy	Physical Chemistry Chemical Physics, 2015, 17(35): 23173–23182.	SCI	否	Lingyu Jia, Christian Marcus Pedersen, Yan Qiao, Tiansheng Deng, Pingping Zuo, Wenzhi Ge, Zhangfeng Qin, Xianglin Hou, Yingxiong Wang	侯相林 王英雄
56	Heterojunctions between amorphous and crystalline niobium oxide with enhanced photoactivity for selective aerobic oxidation of benzylamine to imine under visible light	Journal of Materials Chemistry A, 2015, 3: 18045–18052.	SCI/EI	否	Yantao Zhang, Linjuan Pei, Zhanfeng Zheng, Yong Yuan, Tengfeng Xie, Juan Yang, Shuai Chen, Junwen Wang, Eric R. Waclawik, Huaiyong Zhu	郑占丰

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57	Surface-mediated selective photocatalytic aerobic oxidation reactions on TiO ₂ nanofibres	RSC Advances, 2015, 5: 56820–56831.	SCI/EI	否	Lizhi Huang, Jianfeng Jia, Hongwei Liu, Yong Yuan, Jian Zhao, Shuai Chen, Weibin Fan, Eric R. Waclawik, Huaiyong Zhu, Zhanfeng Zheng	郑占丰
58	Hollow Al ₂ O ₃ spheres prepared by a simple and tunable hydrothermal method	RSC Advances, 2015, 5: 13385–13391.	SCI/EI	否	Guangxin Xue, Xin Huang, Ning Zhao, Fukui Xiao, Wei Wei	魏 伟 肖福魁 赵 宁
59	Effect of pore geometries on the catalytic properties of NiO-Al ₂ O ₃ catalysts in CO ₂ reforming of methane	RSC Advances, 2015, 5: 21090–21098.	SCI/EI	否	Xin Huang, Nannan Sun, Guangxin Xue, Changzhen Wang, Haijuan Zhan, Ning Zhao, Fukui Xiao, Wei Wei, Yuhan Sun	魏 伟
60	Direct carbonylation of glycerol with CO ₂ to glycerol carbonate over Zn/Al/La/X (X=F, Cl, Br) catalysts: The influence of the interlayer anion	Journal of Molecular Catalysis A: Chemical, 2015, 402: 71–78.	SCI/EI	否	Hongguang Li, Chunling Xin, Xi Jiao, Ning Zhao, Fukui Xiao, Lei Li, Wei Wei, Yuhan Sun	赵 宁
61	Synthesis of glycerol carbonate by direct carbonylation of glycerol with CO ₂ over solid catalysts derived from Zn/Al/La and Zn/Al/La/M (M = Li, Mg and Zr) hydrotalcites	Catalysis Science & Technology, 2015, 5: 989–1005.	SCI/EI	否	Hongguang Li, Xi Jiao, Lei Li, Ning Zhao, Fukui Xiao, Wei Wei, Yuhan Sun, Bingsheng Zhang	赵 宁
62	Effect of various alkaline agents on the size and morphology of nano-sized HKUST-1 for CO ₂ adsorption	RSC Advances, 2015, 5: 27901–27911.	SCI/EI	否	Chunling Xin, Haijuan Zhan, Xin Huang, Hongguang Li, Ning Zhao, Fukui Xiao, Wei Wei, Yuhan Sun	赵 宁 肖福魁 魏 伟
63	Effects of potassium additive on the activity of Ru catalyst for acetylene hydrochlorination	RSC Advances, 2015, 5: 37774–37779.	SCI/EI	否	Yunhe Jin, Guangbi Li, Jinli Zhang, Yanfeng Pu, Wei Li	蒲彦锋 李 伟
64	Coking and deactivation of a mesoporous Ni-CaO-ZrO ₂ catalyst in dry reforming of methane: A study under different feeding compositions	Fuel, 2015, 143: 527–535.	SCI/EI	否	Changzhen Wang, Nannan Sun, Ning Zhao, Wei Wei, Yuhan Sun, Chenggong Sun, Hao Liu, Colin E. Snape	孙楠楠 魏 伟

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65	Performance of the La-Mn-Zn-Cu-O based perovskite precursors for methanol synthesis from CO ₂ hydrogenation	Catalysis Letters, 2015, 145: 1177–1185.	SCI/EI	否	Haijuan Zhan, Feng Li, Chunling Xin, Ning Zhao, Fukui Xiao, Wei Wei, Yuhan Sun	赵 宁
66	Influence of preparation parameters on the structural properties and the CO ₂ capture performance of Mg-Zr solid sorbent	Materials Research Bulletin, 2015, 64: 163–170.	SCI/EI	否	Xi Jiao, Lei Li, Hongguang Li, Fukui Xiao, Ning Zhao, Wei Wei, Bingsheng Zhang	赵 宁 肖福魁
67	Zn-Mg mixed oxide as high-efficiency catalyst for the synthesis of propylene carbonate by urea alcoholysis	Catalysis Communications, 2015, 66: 38–41.	SCI/EI	否	Tiantian Zhang, Bingsheng Zhang, Lei Li, Ning Zhao, Fukui Xiao	赵 宁 肖福魁
68	Yttrium oxide modified Cu/ZnO/Al ₂ O ₃ catalysts via hydrotalcite-like precursors for CO ₂ hydrogenation to methanol	Catalysis Science & Technology, 2015, 5: 4365–4377.	SCI/EI	否	Peng Gao, Liangshu Zhong, Lina Zhang, Hui Wang, Ning Zhao, Wei Wei, Yuhan Sun	魏 伟 孙予罕
69	Synthesis of nitrogen-doped electrospun carbon nanofibers with superior performance as efficient supercapacitor electrodes in alkaline solution	Electrochimica Acta, 2015, 185: 40–51.	SCI/EI	否	Xiaodong Tian, Ning Zhao, Yan Song, Kai Wang, Defang Xu, Xiao Li, Quanguo Guo, Lang Liu	宋 燕
70	Transition metal-modified mesoporous Mg-Al mixed oxides: Stable base catalysts for the synthesis of diethyl carbonate from ethyl carbamate and ethanol	Applied Catalysis A-General, 2015, 505: 478–486.	SCI	否	Dengfeng Wang, Xuelan Zhang, Chunli Liu, Tingting Cheng, Wei Wei, Yuhan Sun	张学兰
71	Synthesis of glycerol carbonate from glycerol and urea over lanthanum compounds	Reaction Kinetics, Mechanisms and Catalysis, 2015, 115(2): 597–609.	SCI/EI	否	Dengfeng Wang, Xuelan Zhang, Chunli Liu, Tingting Cheng	张学兰
72	Insight into the mechanism of methane synthesis from syngas on a Ni(111) surface: A theoretical study	RSC Advances, 2015, 5(82): 66742–66756.	SCI/EI	否	Cuimei Zhi, Qiang Wang, Baojun Wang, Debao Li, Riguang Zhang	王宝俊
73	Theoretic insight into the desulfurization mechanism: Removal of H ₂ S by ceria (110)	Journal of Physical Chemistry A, 2015, 119(14): 7678–7688.	SCI/EI	否	Senpeng Zhao, Lixia Ling, Baojun Wang, Riguang Zhang, Debao Li, Qiang Wang, Jiancheng Wang	王宝俊

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74	One-pot solvent-free synthesis of nitrogen and magnesium codoped mesoporous carbon composites for CO ₂ capture	Journal of Physical Chemistry A, 2015, 119 (17): 9302–9310.	SCI/EI	否	Zhongzheng Zhang, Chenming Zhu, Nannan Sun, Hui Wang, Zhiyong Tang, Wei Wei, Yuhan Sun	魏 伟 孙予罕
75	Elucidation of reaction network of higher alcohol synthesis over modified FT catalysts by probe molecule experiments	Catalysis Science & Technology, 2015, 5 (8): 4224–4232.	SCI/EI	否	Yanzhang Yang, Lei Wang, Kang Xiao, Tiejun Zhao, Hui Wang, Liangshu Zhong, Yuhan Sun	钟良枢 孙予罕
76	Reactions of Ti, Zr, and Hf atoms with hydrogen sulfide: Argon matrix infrared spectra and theoretical calculations	Journal of Physical Chemistry A, 2015, 119(11): 2244–2252.	SCI/EI	否	Qiang Wang, Jie Zhao, Xuefeng Wang	Xuefeng Wang
77	Influence of the bimodal pore structure on the CO hydrogenation activity and selectivity of cobalt catalysts	RSC Advances, 2015, 5(80): 65358–65364.	SCI/EI	否	Jungang Wang, Hansheng Li, Debao Li, Johan P. den Breejen, Bo Hou	侯 博
78	Controlled synthesis of N-doped carbon nanospheres with tailored mesopores through self-assembly of colloidal silica	Angewandte Chemie International Edition, 2015, 54: 15191–15196.	SCI/EI	否	Gang Wang, Yuhan Sun, Debao Li, Haiwei Liang, Renhao Dong, Xinliang Feng, Klaus Müllen	Xinliang Feng, Klaus Müllen
79	Overview of catalyst application in petroleum refinery for biomass catalytic pyrolysis and bio-oil upgrading	RSC Advances, 2015, 5(107): 88287–88297.	SCI/EI	否	Zhongyi Ma, Wei Zhou, Lin Wei, Litao Jia, Bo Hou, Debao Li, Yongxiang Zhao	Wei Lin, Wei Zhou, 李德宝
80	Insight into C+O(OH) reaction for carbon elimination on different types of CoNi(111) surfaces: a DFT study	RSC Advances, 2015, 5(26): 19970–19982.	SCI/EI	否	Xiaoqiang Guo, Hongyan Liu, Baojun Wang, Qiang Wang	王宝俊
81	The one-step oxidation of methanol to dimethoxymethane over sulfated vanadia-titania catalysts: Influence of calcination temperature	RSC Advances, 2015, 5 (79): 64202–64207.	SCI/EI	否	Heqin Guo, Debao Li, Congbiao Chen, Litao Jia, Bo Hou	侯 博
82	Silicon carbide supported cobalt for Fischer-Tropsch synthesis: Probing into the cause of the intrinsic excellent catalytic performance	RSC Advances, 2015, 5: 98900–98903.	SCI/EI	否	Da Wang, Congbiao Chen, Jungang Wang, Litao Jia, Bo Hou, Debao Li	侯 博

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
83	Separation of hydrogen gas from coal gas by graphene nanopores	Journal of Physical Chemistry C, 2015, 119: 25559–25565.	SCI/EI	否	Debing Li, Wei Hu, Junqiao Zhang, Hui Shi, Qu Chen, Tianyang Sun, Lijun Liang, Qi Wang	Lijun Liang, Qi Wang
84	Cleavage of C-N bonds in carbon fiber/epoxy resin composites	Green Chemistry, 2015, 17(4): 2141–2145.	SCI	否	Tiansheng Deng, Ying Liu, Xiaojing Cui, Yongxing Yang, Shiyu Jia, Yingxiong Wang, Chunxiang Lu, Debao Li, Rong Cai, Xianglin Hou	侯相林
85	Preparation and characterization of transitional alumina obtained through ammonia treatment	Bulletin of the Korean Chemical Society, 2015, 36(12): 2851–2861.	EI	否	Yan Liu, Litao Jia, Bo Hou, Debao Li	贾丽涛 李德宝
86	Efficient V ₂ O ₅ /TiO ₂ composite catalysts for dimethoxymethane synthesis from methanol selective oxidation	RSC Advances, 2015, 5: 24795–24802.	SCI/EI	否	Zhihong Fan, Heqin Guo, Kegong Fang, Yuhan Sun	房克功 孙予罕
87	A novel Cu-Mn/Ca-Zr catalyst for the synthesis of methyl formate from syngas	RSC Advances, 2015, 5: 67630–67637.	SCI/EI	否	Haijun Zhao, Minggui Lin, Kegong Fang, Juan Zhou, Ziyu Liu, Gaofeng Zeng, Yuhan Sun	林明桂 孙予罕
88	Effects of metal promotion on CuMgFe catalysts derived from layered double hydroxides for higher alcohol synthesis via syngas	RSC Advances, 2015, 5: 51868–51874.	SCI/EI	否	Xinyou Han, Kegong Fang, Yuhan Sun	房克功 孙予罕
89	The facile fabrication of magnetite nanoparticles and their enhanced catalytic performance in Fischer-Tropsch synthesis	Chemical Communications, 2015, 51: 11123–11125.	SCI	否	Shenke Zheng, Jiaqiang Sun, Dechen Song, Zheng Chen, Jiangang Chen	陈建刚
90	Highly active and selective CoCu/ZnO catalysts prepared by mild oxalic acid co-precipitation method in dimethyl oxalate hydrogenation	Catalysis Communications, 2015, 65: 46–50.	SCI/EI	否	Xiangpeng Kong, Xiaochao Zhang, Jiangang Chen	陈建刚
91	Effect of hydrothermal treatment on precipitated iron catalyst for Fischer-Tropsch synthesis	Catalysis Letters, 2015, 145(2): 702–711.	SCI/EI	否	Cailian Ma, Jiangang Chen	陈建刚

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92	Synthesis of Cu-Zn-Zr-Al-O catalysts via a citrate complex route modified by different solvents and their dehydrogenation/hydrogenation performance	RSC Advances, 2015, 5: 82822–82833.	SCI/EI	否	Jian Ding, Jiangang Chen	陈建刚
93	Hydrogenation of diethyl oxalate over Cu/SiO ₂ catalyst with enhanced activity and stability: Contribution of the spatial restriction by varied pores of support	Applied Catalysis A: General, 2015, 508: 68–79.	SCI/EI	否	Jian Ding, Jiangang Chen	陈建刚
94	Surfactant-assisted preparation of FeCu catalyst for Fischer-Tropsch synthesis	Journal of the Brazilian Chemical Society, 2015, 26(7): 1520–1526.	SCI	否	Cailian Ma, Yilong Chen, Jiangang Chen	陈建刚
95	Restructuring of Co ₃ O ₄ particles from polycrystalline microspheres to single-crystalline polyhedral under the assistance of acetic acid	Crystal Engineering Communication, 2015, 17: 1848–1855.	SCI	否	Hai Zhou, Baoliang Lv, Liancheng Wang, Dong Wu, Yao Xu	吕宝亮
96	One-step synthesis of hydrophobic mesoporous silica and its application in nonylphenol adsorption	Journal of Physics and Chemistry of Solids, 2015, 86: 1–4.	SCI/EI	否	Yanling Zhao, Jinliang Song, Dong Wu, Tao Tang, Yuhuan Sun	Jinliang Song
97	Isobutanol synthesis from syngas over K-Cu/ZrO ₂ -La ₂ O ₃ (x) catalysts: Effect of La-loading	Journal of Molecular Catalysis A: Chemical, 2015, 396: 254–260.	SCI/EI	否	Yingquan Wu, Hongjuan Xie, Shaopeng Tian, Noritatsu Tsubaki, Yizhuo Han, Yisheng Tan	谭猗生
98	Effects of the MoO ₃ structure of Mo-Sn catalysts on dimethyl ether oxidation to methyl formate under mild conditions	Green Chemistry, 2015, 17: 1057–1064.	SCI	否	Guangbo Liu, Qingde Zhang, Yizhuo Han, Noritatsu Tsubaki, Yisheng Tan	谭猗生
99	The mechanism of higher alcohol formation on ZrO ₂ -based catalyst from syngas	Korean Journal of Chemical Engineering, 2015, 32(3): 406–412.	SCI	否	Yingquan Wu, Hongjuan Xie, Yongli Kou, Noritatsu Tsubaki, Yizhuo Han, Yisheng Tan	谭猗生

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100	Cation distribution in Zn-Cr spinel structure and its effects on synthesis of isobutanol from syngas: Structure-activity relationship	Journal of Molecular Catalysis A: Chemical, 2015, 404: 139–147.	SCI/EI	否	Shaopeng Tian, Sichen Wang, Yingquan Wu, Junwen Gao, Yunxing Bai, Peng Wang, Hongjuan Xie, Yizhuo Han, Yisheng Tan	谭猗生
101	Carbon dioxide reforming of methane over Ni nanoparticles incorporated into mesoporous amorphous ZrO ₂ matrix	Fuel, 2015, 147: 243–252.	SCI/EI	否	Xiaoping Zhang, Qingde Zhang, Noritatsu Tsubaki, Yisheng Tan, Yizhuo Han	韩怡卓
102	A highly efficient Ga/ZSM-5 catalyst prepared by formic acid impregnation and in situ treatment for propane aromatization	Catalysis Science & Technology, 2015, 5: 4081–4090.	SCI/EI	否	He Xiao, Junfeng Zhang, Xiaoxing Wang, Qingde Zhang, Hongjuan Xie, Yizhuo Han, Yisheng Tan	谭猗生
103	The real active sites over Zn-Cr catalysts for direct synthesis of isobutanol from syngas: Structure-activity relationship	RSC Advances, 2015, 5: 89273–89281.	SCI/EI	否	Shaopeng Tian, Sichen Wang, Yingquan Wu, Junwen Gao, Hongjuan Xie, Xiaoli Li, Guohui Yang, Yizhuo Han, Yisheng Tan	谭猗生
104	Mechanistic insight to acidity effects of Ga/HZSM-5 on its activity for propane aromatization	RSC Advances, 2015, 5: 92222–92233.	SCI/EI	否	He Xiao, Junfeng Zhang, Peng Wang, Zhenzhou Zhang, Qingde Zhang, Hongjuan Xie, Guohui Yang, Yizhuo Han, Yisheng Tan	谭猗生
105	Insight into the improvement effect of the Ce doping into the SnO ₂ catalyst for the catalytic combustion of methane	Applied Catalysis B Environmental, 2015, 176–177: 542–552.	SCI/EI	否	Cheng Liu, Hui Xian, Zheng Jiang, Lihua Wang, Jing Zhang, Lirong Zheng, Yisheng Tan, Xingang Li	李新刚
106	Facilely synthesized H-mordenite nanosheet assembly for carbonylation of dimethyl ether	ACS Applied Materials & Interfaces, 2015, 7: 8398–8403.	SCI/EI	否	Yahua Liu, Na Zhao, Hui Xian, Qingpeng Cheng, Yisheng Tan, Noritatsu Tsubaki, Xingang Li	李新刚
107	Iso-butanol direct synthesis from syngas over the alkali metals modified Cr/ZnO catalysts	Applied Catalysis A: General, 2015, 505: 141–149.	SCI/EI	否	Li Tan, Guohui Yang, Yoshiharu Yoneyama, Yongli Kou, Yisheng Tan, Tharapong Vitidsant, Noritatsu Tsubaki	椿范立 谭猗生

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108	Highly active SiO ₂ -supported Cu-ZnO catalysts prepared by combustion methods for low-temperature methanol synthesis: Comparative activity test with or without SiO ₂ support	Journal of the Japan Petroleum Institute, 2015, 58(5): 321–328.	SCI/EI	否	Wenze Li, Wanying Zhang, Lei Shi, Yuxin Wang, Yisheng Tan, Ronggang Fan, Noritatsu Tsubaki	石 磊
109	The facile preparation of Cu-Zn-Al oxide composite catalysts with high stability and performance for the production of dimethyl ether using modified aluminum alkoxide	Journal of Industrial and Engineering Chemistry, 2015, 26: 243–250.	SCI/EI	否	Peng Wang, Wei Huang, Guangzhi Zhang, Zhihua Gao, Yu Tang, Kai Sun, Xiaoyu Zhang	黄 伟
110	Montmorillonite-supported Ni nanoparticles for efficient hydrogen production from ethanol steam reforming	Fuel, 2015, 143: 55–62.	SCI/EI	否	Tingting Li, Junfeng Zhang, Xianmei Xie, Xuemei Yin, Xia An	Xianmei Xie
111	NiO/SiC nanocomposite prepared by atomic layer deposition used as a novel electrocatalyst for nonenzymatic glucose sensing	ACS Applied Materials & Interfaces, 2015, 7: 4772–4777.	SCI/EI	否	Peng Yang, Xili Tong, Guizhen Wang, Zhe Gao, Xiangyun Guo, Yong Qin	覃 勇
112	High efficiency Cu-ZnO hydrogenation catalyst: The tailoring of Cu-ZnO interface sites by molecular layer deposition	ACS Catalysis, 2015, 5: 5567–5573.	SCI/EI	否	Bin Zhang, Yao Chen, Jianwei Li, Eckhard Pippel, Huimin Yang, Zhe Gao, Yong Qin	覃 勇
113	Multiply confined nickel nanocatalysts produced by atomic layer deposition for hydrogenation reactions	Angewandte Chemie International Edition, 2015, 54: 9006–9100.	SCI/EI	否	Zhe Gao, Mei Dong, Guizhen Wang, Pei Sheng, Zhiwei Wu, Huimin Yang, Bin Zhang, Guofu Wang, Jianguo Wang, Yong Qin	覃 勇
114	Functionalization of multiwalled carbon nanotubes with uniform polyurea coatings by molecular layer deposition	Carbon, 2015, 82: 470–478.	SCI/EI	否	Yao Chen, Bin Zhang, Zhe Gao, Chaoqiu Chen, Shichao Zhao, Yong Qin	覃 勇
115	Styrene hydrogenation performance of Pt nanoparticles with controlled size prepared by atomic layer deposition	Catalysis Science & Technology, 2015, 5: 4218–4223.	SCI/EI	否	Jianwei Li, Bin Zhang, Yao Chen, Jiankang Zhang, Huimin Yang, Jiwen Zhang, Xiaoli Lu, Guicun Li, Yong Qin	李桂村 覃 勇

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116	Porous Si nanowires from cheap metallurgical silicon stabilized by a surface oxide layer for lithium ion batteries	Advanced Functional Materials, 2015, 25(43): 6701–6709.	SCI	是	Yu Chen, Lifeng Liu, Jie Xiong, Tingzhou Yang, Yong Qin, Chenglin Yan	晏成林
117	Uniform Fe ₃ O ₄ coating on flower-like ZnO nanostructures by atomic layer deposition for electromagnetic wave absorption	Dalton Transactions, 2015, 42(43): 18804–18809.	SCI/EI	否	Gengping Wan, Guizhen Wang, Xianqin Huang, Haonan Zhao, Xinyue Li, Kan Wang, Lei Yu, Xiang Peng, Yong Qin	王桂振 覃 勇
118	Enhanced microwave absorption of ZnO coated with Ni nanoparticles produced by atomic layer deposition	Journal of Materials Chemistry A, 2015, 3: 2734–3740.	SCI/EI	否	Guizhen Wang, Xiang Peng, Lei Yu, Gengping Wan, Shiwei Lin, Yong Qin	林世伟 覃 勇
119	Silicon nanowires loaded with iron phosphide for effective solar-driven hydrogen production	Journal of Materials Chemistry A, 2015, 3: 17669–17675.	SCI/EI	否	Cuncai Lv, Zhibo Chen, Zhongzhong Chen, Bin Zhang, Yong Qin, Zhipeng Huang, Chi Zhang	黄志鹏
120	Preparation and microwave absorption properties of uniform TiO ₂ @C core-shell nanocrystals	RSC Advances, 2015, 5: 77443–77448.	SCI/EI	否	Gengping Wan, Lei Yu, Xiang Peng, Guizhen Wang, Xianqin Huang, Haonan Zhao, Yong Qin	王桂振 覃 勇
121	TiO ₂ -graphene hybrid nanostructures by atomic layer deposition with enhanced electrochemical performance for Pb(II) and Cd(II) detection	RSC Advances, 2015, 5: 4343–4349.	SCI/EI	否	Hongfen Zhang, Shaomin Shuang, Guizhen Wang, Yujing Guo, Xili Tong, Peng Yang, Anjia Chen, Chuan Dong, Yong Qin	董 川 覃 勇
122	Kesterite Cu ₂ ZnSn(S _{1-x} ,Se _x) ₄ film synthesis through ethanol-thermal route with sulfurization/selenization treatments	Materials Letters, 2015, 139: 101–103.	SCI	否	Lei Cao, Shuai Ma, Jing Sui, Jincheng Bai, Hongzhou Dong, Qian Zhang, Lifeng Dong	董立峰
123	Synthesis of metal oxides/graphene nanocomposites for applications in lithium-ion battery	ECS Transactions, 2015, 66(6): 57–62.	EI	否	Jiaqi Nan, Hongzhou Dong, Guicun Li, Liyan Yu, Yong Qin, Lifeng Dong	董立峰
124	Carbon nanosheets: Synthesis and application	ChemSusChem, 2015, 8(12): 2004–2027.	SCI/EI	否	Huailin Fan, Wenzhong Shen	申文忠

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125	Preparation and applications of biomass porous carbon	Science of Advanced Materials, 2015; 7(11): 2257–2271.	SCI	否	Hongyan Song, Pei Li, Wenzhong Shen	申文忠
126	Analysis of tars produced in pyrolysis of four coals under various conditions in a viewpoint of radicals	Energy & Fuels, 2015, 29(6): 3658–3663.	SCI/EI	否	Wenjing He, Zhenyu Liu, Qingya Liu, Muxin Liu, Xiaojin Guo, Lei Shi, Junfei Wu, Xiaofen Guo, Donghui Ci	刘振宇
127	Nitrogen- and oxygen-enriched 3D hierarchical porous carbon fibers: synthesis and superior supercapacity	Journal of Materials Chemistry A, 2015, 3(28): 14817–14825.	SCI/EI	否	Ying Li, Chunxiang Lu, Shouchun Zhang, Fangyuan Su, Wenzhong Shen, Pucha Zhou, Canliang Ma	张寿春
128	Tunable isoparaffin and olefin yields in Fischer-Tropsch synthesis achieved by a novel iron-based micro-capsule catalyst	Catalysis Today, 2015, 251(1): 41–46.	SCI/EI	否	Chuang Xing, Jian Sun, Qingjun Chen, Guohui Yang, Nobuyoshi Muranaka, Peng Lu, Wenzhong Shen, Pengfei Zhu, Qinhong Wei, Jie Li, Jianwei Mao, Ruiqin Yang, Noritatsu Tsubaki	椿范立
129	Tunable isoparaffin and olefin synthesis in Fischer-Tropsch synthesis achieved by composite catalyst	Fuel Processing Technology, 2015, 136: 68–72.	SCI/EI	否	Chuang Xing, Jian Sun, Guohui Yang, Wenzhong Shen, Li Tan, Pengfei Zhu, Qinhong Wei, Jie Li, Masahiro Kyodo, Ruiqin Yang, Yoshiharu Yoneyama, Noritatsu Tsubaki	椿范立
130	Highly stable anion exchange membranes based on quaternized polypropylene	Journal of Materials Chemistry A, 2015, 3: 12284–12296.	SCI/EI	否	Min Zhang, Jinling Liu, Yiguang Wang, Linan An, Michael D. Guiver, Nanwen Li	李南文
131	Photocatalytic Fischer-Tropsch synthesis on graphene-supported worm-like ruthenium nanostructures	ACS Catalysis, 2015, 5: 3836–3840.	SCI/EI	否	Xiaoning Guo, Zhifeng Jiao, Guoqiang Jin, Xiangyun Guo	郭向云
132	Visible light-induced selective photocatalytic aerobic oxidation of amines into imines on Cu/graphene	Catalysis Science & Technology, 2015, 5: 4202–4207.	SCI/EI	否	Zhaoyang Zhai, Xiaoning Guo, Guoqiang Jin, Xiangyun Guo	郭晓宁 郭向云

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133	Visible-light-driven photocatalytic N-arylation of imidazole derivatives and arylboronic acids on Cu/graphene catalyst	Scientific Reports, 2015, 5: 12005-1-9.	SCI	否	Yanli Cui, Xiaoning Guo, Yingyong Wang, Xiangyun Guo	郭晓宁 郭向云
134	Solvothermal synthesis of FeS ₂ nanoparticles for photoelectrochemical hydrogen generation in neutral water	Materials Letters, 2015, 161: 220-223.	SCI/EI	否	Congxiu Guo, Xili Tong, Xiangyun Guo	童希立
135	Efficient oxygen reduction reaction using mesoporous Ni-doped Co ₃ O ₄ nanowire array electrocatalysts	Journal of Materials Chemistry A, 2015, 3: 18372-18379.	SCI/EI	否	Xili Tong, Xinhui Xia, Congxiu Guo, Yongqi Zhang, Jiangping Tu, Hongjin Fan, Xiangyun Guo	范红金 郭向云
136	Electrochemical generation of hydrogenated graphene flakes	Carbon, 2015, 83: 128-135.	SCI/EI	否	Man Zhao, Xiangyun Guo, Oliver Ambacher, Christoph E. Nebel, René Hoffmann	郭向云 René Hoffmann
137	Visible-light-driven photocatalytic Suzuki-Miyaura coupling reaction on Mott-Schottky-type Pd/SiC catalyst	Journal of Physical Chemistry A, 2015, 119: 3238-3243.	SCI/EI	否	Zhifeng Jiao, Zhaoyang Zhai, Xiaoning Guo, Xiangyun Guo	郭晓宁
138	Synthesis and comparative study of the photocatalytic performance of hierarchically porous polymeric carbon nitrides	Microporous and Mesoporous Materials, 2015, 211: 182-191.	SCI/EI	否	Yingyong Wang, Muhammad Farooq Ibad, Hendrik Kosslick, Jorg Harloff, Torsten Beweries, Jorg Radnik, Axel Schulz, Stefanie Tschierlei, Stefan Lochbrunner, Xiangyun Guo	Axel Schulz 郭向云
138	Size-controlled synthesis of Cu ₂ O nanoparticles on reduced graphene oxide sheets and their application as non-enzymatic glucose sensor materials	Journal of Solid State Electrochemistry, 2015, 19: 3195-3199.	SCI/EI	否	Xiaoyan Yan, JingYang, Lei Ma, Xili Tong, Yingyong Wang, Guoqiang. Jin, Xiangyun Guo	闫晓燕 郭向云
140	Construction of Co ₃ O ₄ nanotubes as high-performance anode material for lithium ion batteries	Electrochimica Acta, 2015, 160: 15-21.	SCI/EI	否	Minghua Chen, Xinhui Xia, Jinghua Yin, Qingguo Chen	夏新辉

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141	Free-standing three-dimensional continuous multilayer V ₂ O ₅ hollow sphere arrays as high-performance cathode for lithium batteries	Journal of Power Sources, 2015, 288: 145–149.	SCI/EI	否	Minghua Chen, Xinhui Xia, Jiefu Yuan, Jinghua Yin, Qingguo Chen	夏新辉
142	Tubular TiC fibre nanostructures as supercapacitor electrode materials with stable cycling life and wide-temperature performance	Energy & Environmental Science, 2015, 8: 559–1568.	SCI/EI	是	Xinhui Xia, Yongqi Zhang, Dongliang Chao, Qinqin Xiong, Zhanxi Fan, Xili Tong, Jiangping Tu, Hua Zhang Hongjin Fan	范红金
143	Synthesis of shish-kebab-like NiO@Co ₃ O ₄ nanowire arrays and their application for electrochemical energy storage	Materials Letters, 2015, 159: 313–316.	SCI/EI	否	Wen Zhang, Xiaoyan Yan, Xili Tong, Jing Yang, Ling Miao, Yaoyao Sun, Liyuan Peng	闫晓燕 童希立
144	Synthesis of CuO nanowire arrays as high-performance electrode for lithium ion batteries	Materials Letters, 2015, 139: 55–58.	SCI	否	Ruiping Zhang, Jun Liu, Hongge Guo, Xili Tong	张瑞萍
145	Density functional theory and reduced density gradient investigations into HCN adsorption on the Co(100) and Co(110) surfaces	Indian Journal of Chemistry Section, 2015, 54(4): 459–468.	SCI	否	Yinghu Zhao, Yingyong Wang, Li Gao, Hui Song	Yinghu Zhao
146	Novel synthesis of high surface area SiC by carbothermal reduction process	Materials Research Innovations, 2015, 19(2): 155–159.	SCI/EI	否	J.Y. Hao, Y.Y. Wang, C.W. Gong, Y.M. Tian, L.P. Liang	郝建英
147	Intramolecular hydrogen bonds quench photoluminescence and enhance photocatalytic activity of carbon nanodots	Chemistry-A European Journal, 2015, 21: 8561–8568.	SCI/EI	否	Pengju Yang, Jianghong Zhao, Lexi Zhang, Li Li, Zhenping Zhu	赵江红 朱珍平
148	Construction of Z-scheme carbon nanodots/WO ₃ with highly enhanced photocatalytic hydrogen production	Journal of Materials Chemistry A, 2015, 3: 8256–8259.	SCI/EI	否	Pengju Yang, Jianghong Zhao, Jian Wang, Baoyue Cao, Li Li, Zhenping Zhu	赵江红 朱珍平
149	Light-induced synthesis of photoluminescent carbon nanoparticles for Fe ³⁺ sensing and photocatalytic hydrogen evolution	Journal of Materials Chemistry A, 2015, 3: 136–138.	SCI/EI	否	Pengju Yang, Jianghong Zhao, Jian Wang, Baoyue Cao, Li Li, Zhenping Zhu	赵江红 朱珍平

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150	Ammonia-induced robust photocatalytic hydrogen evolution of graphitic carbon nitride	Nanoscale, 2015, 7: 18887–18890.	SCI/EI	否	Pengju Yang, Jianghong Zhao, Wei Qiao, Li Li, Zhenping Zhu	赵江红 朱珍平
151	Selective photocatalytic C-C coupling of bioethanol into 2,3-butanediol over Pt-decorated hydroxyl-group-tunable TiO ₂ photocatalysts	ChemCatChem, 2015, 7: 2384–2390.	SCI/EI	否	Pengju Yang, Jianghong Zhao, Baoyue Cao, Li Li, Zhijian Wang, Xuxia Tian, Suping Jia, Zhenping Zhu	赵江红
152	Photocatalytic direct conversion of ethanol to 1,1-diethoxyethane over noble-metal-loaded TiO ₂ nanotubes and nanorods	ChemSusChem, 2015, 8(7): 1226–1231.	SCI/EI	否	Hongxia Zhang, Yupeng Wu, Li Li, Zhenping Zhu	张红霞 朱珍平
153	Pure carbon nanodots for excellent photocatalytic hydrogen generation	RSC Advances, 2015, 5: 21332–21335.	SCI/EI	否	Pengju Yang, Jianghong Zhao, Jian Wang, Huijuan Cui, Li Li, Zhenping Zhu	赵江红 朱珍平
154	Multifunctional nitrogen-doped carbon nanodots for photoluminescence, sensor, and visible-light-induced H ₂ production	ChemPhysChem, 2015, 16: 3058–3063.	SCI	否	Pengju Yang, Jianghong Zhao, Jian Wang, Huijuan Cui, Li Li, Zhenping Zhu	朱珍平
155	Graphene frameworks synthesized with Na ₂ CO ₃ as a renewable water-soluble substrate and their high rate capability for supercapacitors	Journal of Power Sources, 2015, 293: 143–150.	SCI/EI	否	Huijuan Cui, Jianfeng Zheng, Yanyan Zhu, Zhijian Wang, Suping Jia, Zhenping Zhu	郑剑锋 朱珍平
156	Understanding the formation mechanism of graphene frameworks synthesized by solvothermal and rapid pyrolytic processes based on an alcohol-sodium hydroxide system	ACS Applied Materials & Interfaces, 2015, 7: 11230–11238.	SCI/EI	否	Huijuan Cui, Jianfeng Zheng, Pengju Yang, Yanyan Zhu, Zhijian Wang, Zhenping Zhu	郑剑锋 朱珍平
157	Anti-stacking dense conversion of solid organic sodium salt particles into graphene with excellent electrode performance	RSC Advances, 2015, 5: 57576–57580.	SCI/EI	否	Huijuan Cui, Yanyan Zhu, Jianfeng Zheng, Suping Jia, Zhijian Wang, Zhenping Zhu	郑剑锋 朱珍平
158	Dynamics investigation of graphene frameworks-supported Pt nanoparticles as effective counter electrodes for dye-sensitized solar cells	Electrochimica Acta, 2015, 178: 658–664.	SCI/EI	否	Yanyan Zhu, Huijuan Cui, Suping Jia, Jianfeng Zheng, Zhijian Wang, Zhenping Zhu	贾素萍 朱珍平

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159	Photocatalytic carbon-carbon bond formation with concurrent hydrogen evolution on the Pt/TiO ₂ nanotube	Applied Surface Science, 2015, 325: 86–90.	SCI/EI	否	Jian Wang, Pengju Yang, Baoyue Cao, Jianghong Zhao, Zhenping Zhu	朱珍平
160	In situ catalyzed boudouard reaction of coal char for solid oxide-based carbon fuel cells with improved performance	Applied Energy, 2015, 141: 200–208.	SCI/EI	是	Yong Jiao, Wenjuan Tian, Huili Chen, Huangang Shi, Binbin Yang, Chao Li, Zongping Shao, Zhenping Zhu, Sidian Li	Zongping Shao
161	Structurally modified coal char as a fuel for solid oxide-based carbon fuel cells with improved performance	Journal of Power Sources, 2015, 288: 106–114.	SCI/EI	否	Yong Jiao, Junhong Zhao, Wenting An, Liqin Zhang, Yujing Sha, Guangming Yang, Zongping Shao, Zhenping Zhu, Sidian Li	李思殿
162	Controlled synthesis and luminance properties of lanthanide-doped β -NaYF ₄ microcrystals	Journal of Rare Earths, 2015, 33(4): 339–345.	SCI/EI	否	Junmei Wang, Kexun Li, Yanbao Zhao, Zhenping Zhu	朱珍平
163	Synthesis and luminescent properties of Ce ³⁺ /Eu ³⁺ coactivated YF ₃ nanobundles	Integrated Ferroelectrics, 2015, 162: 24–31.	EI	否	Kexun Li, Junmei Wang, Yali Zhao	Kexun Li, Junmei Wang
164	A density functional theory study on mechanism of electrochemical oxygen reduction on FeN ₄ -graphene	Journal of the Electrochemical Society, 2015, 162(7): 796–801.	SCI/EI	否	Jing Zhang, Zhen Wang, Zhenping Zhu, Quan Wang	朱珍平
165	A density functional theory study on mechanism of electrochemical oxygen reduction on FeN ₃ -graphene	Journal of the Electrochemical Society, 2015, 162: 1262–1267.	SCI/EI	否	Jing Zhang, Zhen Wang, Zhenping Zhu	朱珍平
166	Effects of ZrO ₂ promoter on physic-chemical properties and activity of Co/TiO ₂ -SiO ₂ Fischer-Tropsch catalysts	Journal of Molecular Catalysis A: Chemical, 2015, 396: 108–119.	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
167	Effects of alkali on iron-based catalysts for Fischer-Tropsch synthesis: CO chemisorptions study	Journal of Molecular Catalysis A: Chemical, 2015, 396: 174–180.	SCI/EI	否	Jifan Li, Xiaofan Cheng, Chenghua Zhang, Yong Yang, Yongwang Li	张成华

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168	Non-thermal plasma enhanced heavy oil upgrading	Fuel, 2015, 149: 162–173.	SCI/EI	否	Haigang Hao, Baoshan. Wu, Jianli Yang, Qiang Guo, Yong Yang, Yongwang Li	吴宝山
169	Surface morphology of Cu adsorption on different terminations of the Hägg iron carbide (χ -Fe ₅ C ₂) phase	Journal of Physical Chemistry C, 2015, 119(13): 7371–7385.	SCI/EI	否	Xinxin Tian, Tao Wang, Yong Yang, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军
170	Coverage dependent adsorption and co-adsorption of CO and H ₂ on the CdI ₂ -antitipe metallic Mo ₂ C(001) surface	Physical Chemistry Chemical Physics, 2015, 17(3): 1907–1917.	SCI	否	Tao Wang, Xinxin Tian, Yong Yang, Yongwang Li, Jianguo Wang, Matthias Beller, Haijun Jiao	焦海军
171	Effect of metal precursors on the performance of Pt/ZSM-22 catalysts for n-hexadecane hydroisomerization	Journal of Catalysis, 2015, 322: 1–13.	SCI/EI	否	Yudan Wang, Zhichao Tao, Baoshan Wu, Jian Xu, Chunfang Huo, Ke Li, Huimin Chen, Yong Yang, Yongwang Li	李永旺
172	Graphene oxide as a facile solid acid catalyst for the production of bioadditives from glycerol esterification	Catalysis Communications, 2015, 62: 48–51.	SCI/EI	否	Xiaoqing Gao, Shanhui Zhu, Yongwang Li	朱善辉
173	Cr-free Cu-catalysts for the selective hydrogenation of biomass-derived furfural to 2-methylfuran: The synergistic effect of metal and acid sites	Journal of Molecular Catalysis A: Chemical, 2015, 398: 140–148.	SCI/EI	否	Fang Dong, Yulei Zhu, Hongyan Zheng, Yifeng Zhu, Xianqing Li, Yongwang Li	朱玉雷
174	Promoting effect of WO _x on selective hydrogenolysis of glycerol to 1,3-propanediol over bifunctional Pt-WO _x /Al ₂ O ₃ catalysts	Journal of Molecular Catalysis A: Chemical, 2015, 398: 391–398.	SCI/EI	否	Shanhui Zhu, Xiaoqing Gao, Yulei Zhu, Yongwang Li	朱善辉 朱玉雷
175	Rational design of Ni-based catalysts derived from hydrotalcite for selective hydrogenation of 5-hydroxymethylfurfural	Green Chemistry, 2015, 17(4): 2504–2514.	SCI	否	Xiao Kong, Runxiao Zheng, Yifeng Zhu, Guoqiang Ding, Yulei Zhu, Yongwang Li	朱玉雷
176	Recent development in converting coal to clean fuels in China	Fuel, 2015, 152: 122–130.	SCI/EI	否	Jian Xu, Yong Yang, Yongwang Li	杨 勇 李永旺

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177	Fabrication of different crystallographically oriented TiO ₂ nanotube arrays used in dye-sensitized solar cells	RSC Advances, 2015, 5(51): 41120–41124.	SCI/EI	否	Liujie Wang, Yi Wang, Yong Yang, Xiaodong Wen, Hongwei Xiang, Yongwang Li	杨 勇 相宏伟
178	Direct conversion of carbohydrates to γ -valerolactone facilitated by a solvent effect	Green Chemistry, 2015, 17(5): 3084–3089.	SCI	否	Jinglei Cui, Jingjing Tan, Tiansheng Deng, Xiaojing Cui, Hongyan Zheng, Yulei Zhu, Yongwang Li	朱玉雷
179	Effect of WO _x on bifunctional Pd-WO _x /Al ₂ O ₃ catalysts for the selective hydrogenolysis of glucose to 1,2-propanediol	ACS Catalysis, 2015, 5(8): 4612–4623.	SCI/EI	否	Chengwei Liu, Chenghua Zhang, Sikai Sun, Kangkai Liu, Shunli Hao, Jian Xu, Yulei Zhu, Yongwang Li	张成华 朱玉雷
180	Efficient synthesis of 2,5-dihydroxymethylfuran and 2,5-dimethylfuran from 5-hydroxymethylfurfural using mineral-derived Cu catalysts as versatile catalysts	Catalysis Science & Technology, 2015, 5(8): 4208–4217.	SCI/EI	否	Yifeng Zhu, Xiao Kong, Hongyan Zheng, Guoqiang Ding, Yulei Zhu, Yongwang Li	朱玉雷
181	Ni nanoparticles inlaid nickel phyllosilicate as a metal-acid bifunctional catalyst for low-temperature hydrogenolysis reactions	ACS Catalysis, 2015, 5(10): 5914–5920.	SCI/EI	否	Xiao Kong, Yifeng Zhu, Hongyan Zheng, Xianqing Li, Yulei Zhu, Yongwang Li	朱玉雷
182	Synthesis and characterization of the Fe-substituted ZSM-22 zeolite catalyst with high n-dodecane isomerization performance	Journal of Catalysis, 2015, 330: 485–496.	SCI/EI	否	Suyao Liu, Jie Ren, Shujin Zhu, Huaikang Zhang, Enjing Lv, Jian Xu, Yongwang Li	任 杰
183	Construction of Cu/ZrO ₂ /Al ₂ O ₃ composites for ethanol synthesis: Synergies of ternary sites for cascade reaction	Applied Catalysis B Environmental, 2015, 166–167: 551–559.	SCI	否	Yifeng Zhu, Xiao Kong, Shanhui Zhu, Fang Dong, Hongyan Zheng, Yulei Zhu, yongwang Li	朱玉雷
184	A highly efficient and robust Cu/SiO ₂ catalyst prepared by the ammonia evaporation hydrothermal method for glycerol hydrogenolysis to 1,2-propanediol	Catalysis Science & Technology, 2015, 5: 1169–1180.	SCI/EI	否	Shanhui Zhu, Xiaoqing Gao, Yulei Zhu, Weibin Fan, Jianguo Wang, Yongwang Li	朱善辉 朱玉雷

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185	Aqueous-phase hydrogenolysis of glucose to value-added chemicals and biofuels: A comparative study of active metals	Biomass and Bioenergy, 2015, 72: 189–199.	SCI/EI	否	Chengwei Liu, Chenghua Zhang, Kangkai Liu, Yi Wang, Gaixian Fan, Sikai Sun, JianXu, Yulei Zhu, Yongwang Li	张成华 朱玉雷
186	Water-promoted hydrogenation of levulinic acid to γ -valerolactone on supported ruthenium catalyst	ChemCatChem, 2015, 7: 508–512.	SCI/EI	否	Jingjing Tan, Jinglei Cui, Tiansheng Deng, Xiaojing Cui, Guoqiang Ding, Yulei Zhu, Yongwang Li	朱玉雷
187	One-step conversion of furfural into 2-methyltetrahydrofuran under mild conditions	ChemSusChem, 2015, 8: 1534–1537.	SCI/EI	否	Fang Dong, Yulei Zhu, Guoqiang Ding, Jinglei Cui, Xianqing Li, Yongwang Li	朱玉雷
188	Cleavage of covalent bonds in the pyrolysis of lignin, cellulose, and hemicellulose	Energy & Fuels, 2015, 29: 5773–5780.	SCI/EI	否	Muxin Liu, Jianli Yang, Zhenyu Liu, Wenjing He, Qingya Liu, Yunmei Li, Yong Yang	刘振宇
189	Shape-controlled synthesis of Pt particles and their catalytic performances in the n-hexadecane hydroconversion	Catalysis Today, 2015, 259: 331–339.	EI	否	Yudan Wang, Zhichao Tao, Baoshan Wu, Huimin Chen, Jian Xu, Yong Yang, Yongwang Li	吴宝山 李永旺
190	Study on reduction and carburization behaviors of iron phases for iron-based Fischer-Tropsch synthesis catalyst	Applied Energy, 2015, 160: 982–989.	SCI/EI	是	Mingyue Ding, Yong Yang, Baoshan Wu, Yongwang Li, Tiejun Wang, Longlong Ma	定明月 杨 勇
191	Graphene-modified Ru nanocatalyst for low-temperature hydrogenation of carbonyl groups	ACS Catalysis, 2015, 5(12): 7379–7384.	SCI/EI	否	Jingjing Tan, Jinglei Cui, Xiaojing Cui, Tiansheng Deng, Xianqing Li, Yulei Zhu, Yongwang Li	朱玉雷
192	The role of potassium promoter in surface carbon hydrogenation on Hägg carbide surfaces	Applied Catalysis A: General, 2015, 493: 68–76.	SCI/EI	否	Shu Zhao, Xingwu Liu, Chunfang Huo, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军
193	Coverage dependent water dissociative adsorption on the clean and O-precovered Fe(111) surfaces	Journal of Physical Chemistry C, 2015, 119(21): 11714–11724.	SCI/EI	否	Shaoli Liu, Xinxin Tian, Tao Wang, Xiaodong Wen, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军

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194	Exploring furfural catalytic conversion on Cu(111) from computation	ACS Catalysis, 2015, 5(7): 4020–4032.	SCI/EI	否	Yun Shi, Yulei Zhu, Yong Yang, Yongwang Li, Haijun Jiao	焦海军
195	High coverage adsorption and co-adsorption of CO and H ₂ on Ru(0001) from DFT and thermodynamics	Physical Chemistry Chemical Physics, 2015, 17(29): 19446–19456.	SCI	否	Peng Zhao, Yurong He, Dongbo Cao, Xiaodong Wen, hongwei Xiang, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军
196	Coverage dependent water dissociative adsorption on Fe(110) from DFT computation	Physical Chemistry Chemical Physics, 2015, 17: 8811–8821.	SCI	否	Shaoli Liu, Xinxin Tian, Tao Wang, Xiaodong Wen, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军
197	Mechanical degradation of graphene by epoxidation: Insights from first-principles calculations	Physical Chemistry Chemical Physics, 2015, 17(29): 19484–19490.	SCI	否	Qing Peng, Liang Han, Jie Lian, Xiaodong Wen, Sheng Liu, Zhongfang Chen, Nikhil Koratkar, Suvranu De	鹏 庆
198	High-activity PtRuPd/C catalyst for direct dimethyl ether fuel cells	Angewandte Chemie International Edition, 2015, 54(26): 7524–7528.	SCI/EI	否	Qing Li, Xiaodong Wen, Gang Wu, Hoon T. Chung, Rui Gao, Piotr Zelenay	Piotr Zelenay
199	Peculiar pressure effect on poisson ratio of graphone as a strain damper	Nanoscale, 2015, 7(22): 9975–9979.	SCI/EI	否	Qing Peng, Albert K. Dearden, Xiaojia Chen, Chen Huang, Xiaodong Wen, Suvranu De	鹏 庆
200	Reactions of deuterated methanol (CD ₃ OD) on Fe ₃ O ₄ (111)	Journal of Physical Chemistry C, 2015, 119(2): 1113–1120.	SCI	否	Zhisheng Li, Denis V. Potapenko, Kwang Taeg Rim, Maria Flytzani-Stephanopoulos, George W. Flynn, Richard M. Osgood, Xiaodong Wen, Enrique R. Batista	Richard M. Osgood
201	Determining surface structure and stability of ε-Fe ₂ C, χ-Fe ₅ C ₂ , θ-Fe ₃ C and Fe ₄ C phases under carburization environment from combined DFT and atomistic thermodynamic studies	Catalysis, Structure, & Reactivity, 2015, 1: 44–59.		否	Shu Zhao, Xingwu Liu, Chunfang Huo, Yongwang Li, Jianguo Wang, Haijun Jiao	焦海军

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202	High coverage hydrogen adsorption on the Fe ₃ O ₄ (110) surface	Applied Surface Science, 2015, 353: 973–978.	SCI/EI	否	Xiaohu Yu, Xuemei Zhang, Shengguang Wang	于小虎
203	Reactions of CO, H ₂ O, CO ₂ , and H ₂ on the clean and precovered Fe(110) surfaces - A DFT investigation	Journal of Physical Chemistry C, 2015, 119: 28377–28388.	EI	否	Shaoli Liu, Yongwang Li, Jianguo Wang, Haijun Jiao	李永旺 焦海军
204	A density functional theory study of ethylene hydrogenation on MgO- and γ -Al ₂ O ₃ -supported carbon-containing Ir-4 clusters	Physical Chemistry Chemical Physics, 2015, 17(7): 4899–4908.	SCI	否	Kezhen Qi, Jinmo Zhao, Guichang Wang	王贵昌
205	Oxygen-assisted water partial dissociation on copper: A model study	Physical Chemistry Chemical Physics, 2015, 17: 8231–8238.	SCI	否	Yingqi Wang, Lifan Yan, Guichang Wang	王贵昌
206	Chemisorbed oxygen atom on the activation of C-H bond in methane: a Rh model study	RSC Advances, 2015, 5: 66221–66230.	SCI/EI	否	Yingqi Wang, Cunqin Lv, Guichang Wang	王贵昌
207	Mechanical properties and stabilities of g-ZnS monolayers	RSC Advances, 2015, 5(15): 11240–11247.	SCI/EI	否	Qing Peng, Liang Han, Xiaodong Wen, Sheng Liu, Zhongfang Chen, Jie Lian, Suvranu De	鹏 庆
208	Mechanical properties and stabilities of alpha-boron monolayers	Physical Chemistry Chemical Physics, 2015, 17(3): 2160–2168.	SCI	否	Qing Peng, Liang Han, Xiaodong Wen, Sheng Liu, Zhongfang Chen, Jie Lian, Suvranu De	鹏 庆
209	Crotonaldehyde adsorption on Ir(111), an interesting trans- and cis-configuration transformation	Applied Surface Science, 2015, 357: 369–375.	SCI/EI	否	Yanju Yang, Botao Teng, Ya Liu, Xiaodong Wen	滕波涛 温晓东
210	A first principle study on the magnetic properties of Cu ₂ O surfaces	Current Applied Physics, 2015, 15(11): 1303–1311.	SCI/EI	否	Xiaohu Yu, Xuemei Zhang, Shengguang Wang, Gang Feng	于小虎 王盛光
211	A computational study on water adsorption on Cu ₂ O(111) surfaces: The effects of coverage and oxygen defect	Applied Surface Science, 2015, 343: 33–40.	SCI/EI	否	Xiaohu Yu, Xuemei Zhang, Shengguang Wang, Gang Feng	于小虎 王盛光
212	Adsorption of Au _n (n=1-4) clusters on Fe ₃ O ₄ (001) B-termination	RSC Advances, 2015, 5(56): 45446–45453.	SCI/EI	否	Xiaohu Yu, Xuemei Zhang, Shengguang Wang, Gang Feng	于小虎 王盛光

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213	Density functional theory calculations on oxygen adsorption on the Cu ₂ O surfaces	Applied Surface Science, 2015, 324: 53–60.	SCI/EI	否	Xiaohu Yu, Xuemei Zhang, Xinxin Tian, Shengguang Wang, Gang Feng	王盛光 冯 刚
214	Pyrolysis of chitin biomass: TG-MS analysis and solid char residue characterization	Carbohydrate Polymers, 2015, 133: 163–170.	SCI/EI	否	Yan Qiao, Shuai Chen, Ying Liu, Haizhen Sun, Shiyu Jia, Junyan Shi, Christian Marcus Pedersen, Yingxiong Wang, Xianglin Hou	王英雄 侯相林
215	Graphene oxide: A convenient metal-free carbocatalyst for facilitating aerobic oxidation of 5-hydroxymethylfurfural into 2, 5-diformylfuran	ACS Catalysis, 2015, 5(9): 5636–5646.	SCI/EI	否	Guangqiang Lv, Hongliang Wang, Yongxing Yang, Tiansheng Deng, Chengmeng Chen, Yulei Zhu, Xianglin Hou	侯相林
216	Ab initio analysis of the interaction of CO ₂ with acetylated D-glucopyranose derivatives	Comptes Rendus Chimie, 2015, 18(9): 935–944.	SCI	否	Honghong Chang, Congcong Yang, Xing Li, Wenchao Gao, Wenlong Wei, Gang Liu, Xianyong Pang, Yan Qiao	乔 岩 庞宪勇
217	Synthesis and properties of new dicephalic tetrasiloxane surfactants containing sugar	Research on Chemical Intermediates, 2015, 41(5), 3047–3056.	SCI/EI	否	Dianlong Zhang, Yan Qiao	乔 岩
218	Low-bandgap thieno [3,4-c]pyrrole-4,6-dione-polymers for high-performance solar cells with significantly enhanced photocurrents	Journal of Materials Chemistry A, 2015, 3(21): 11194–11198.	SCI/EI	否	Cheng Zhang, Hui Li, Jizheng Wang, Yongfang Zhang, Yan Qiao, Dazhen Huang, Chongan Di, Xiaowei Zhan, Xiaozhang Zhu, Daoben Zhu	Xiaozhang Zhu
219	Structural characterization of carbonized briquette obtained from anthracite powder	Journal of Analytical and Applied Pyrolysis, 2015, 112: 290–297.	SCI/EI	否	Yuqiong Zhao, Yongfa Zhang, Huirong Zhang, Qi Wang, Yunfei Guo	张永发
220	In situ NMR spectroscopy: Inulin biomass conversion in ZnCl ₂ molten salt hydrate medium-SnCl ₄ addition controls product distribution	Carbohydrate Polymers, 2015, 115: 439–443.	SCI	否	Yingxiong Wang, Christian Marcus Pedersen, Yan Qiao, Tiansheng Deng, Jing Shi, Xianglin Hou	侯相林

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221	Carbocatalyst in biorefinery: Selective etherification of 5-hydroxymethylfurfural to 5,5oxy-bis (methylene) bis-2-furfural over graphene oxide	Catalysis Communications, 2015, 59: 127–130.	SCI/EI	否	Hongliang Wang, Yinxiong Wang, Tiansheng Deng, Gmeng Chen, Yulei Zhu, Xianglin Hou	侯相林
222	Effect of fiber volume fraction on the flexural properties of unidirectional carbon fiber/epoxy composites	International Journal of Polymer Analysis and Characterization, 2015, 20(2): 180–189.	SCI/EI	否	Hongwei He, Feng Gao	Hongwei He
223	Synthesis of shape-controllable cobalt nanoparticles and their shape-dependent performance in glycerol hydrogenolysis	RSC Advances, 2015, 5(7): 4861–4871.	SCI/EI	否	Qiyang Liu, Xiaofeng Cao, Tiejun Wang, Chenguang Wang, Qi Zhang, Longlong Ma	Qiyang Liu