

● 2017 年发表国际期刊论文 212 篇

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
1	Transformation behavior of vanadium in petroleum coke during high temperature CO ₂ -gasification	Jiazhou Li, Jiantao Zhao, Huibin Fang, Tao Liu, Linxian Zhang, Yitian Fang	SCI/EI	Fuel	2017, 194: 83–90.
2	Effect of vanadium on the petroleum coke ash fusibility	Jiazhou Li, Jiantao Zhao, Xin Dai, Jin Bai, Yitian Fang	SCI/EI	Energy & Fuels	2017, 31(3): 2530–2537.
3	Effect of ash composition (Ca, Fe, and Ni) on petroleum coke ash fusibility	Jiazhou Li, Xiaodong Chen, Yubo Liu, Qingan Xiong, Jiantao Zhao, Yitian Fang	SCI/EI	Energy & Fuels	2017, 31(7): 6917–6927.
4	Predicting the vanadium speciation during petroleum coke combustion by thermodynamic equilibrium calculation	Jiazhou Li, Jiantao Zhao, Linxian Zhang, Xin Dai, Yitian Fang	SCI/EI	Journal of Thermal Analysis and Calorimetry	2017, 130(3): 2239–2247.
5	Correlations between coal compositions and sodium release during steam gasification of sodium-rich coals	Shuai Guo, Yunfeng Jiang, Jiazhou Li, Zhongliang Yu, Jiantao Zhao, Yitian Fang	SCI/EI	Energy & Fuels	2017, 31(6): 6025–6033.
6	Correlating the sodium release with coal compositions during combustion of sodium-rich coals	Shuai Guo, Yunfeng Jiang, Zhongliang Yu, Jiantao Zhao, Yitian Fang	SCI/EI	Fuel	2017, 196: 252–260.
7	Optimization of leaching conditions for removing sodium from sodium-rich coals by orthogonal experiments	Shuai Guo, Xing Zhou, Shuangshuang Song, Yangang Mei, Jiantao Zhao, Yitian Fang	SCI/EI	Fuel	2017, 208: 499–507.
8	Influence of particle size distribution on minimum fluidization velocity and bed expansion at elevated pressure	Rongtao Feng, Junguo Li, Zhonghu Cheng, Xin Yang, Yitian Fang	SCI/EI	Powder Technology	2017, 320: 27–36.
9	Comparison of silica leaching behaviors from the acid-leached residue of catalytic gasification and combustion	Li Li, Zhiqing Wang, Jiejie Huang, Shaohua Ji, Yangang Mei, Yongwei Wang, Yitian Fang	SCI/EI	Energy & Fuels	2017, 31(10): 10745–10751.
10	Research of coal-direct chemical looping hydrogen generation with iron-based oxygen carrier modified by potassium	Tao Liu, Shunxuan Hu, Zhongliang Yu, Jiejie Huang, Jiazhou Li, Zhiqing Wang, Yitian Fang	SCI/EI	International Journal of Hydrogen Energy	2017, 42(16): 11038–11046.
11	Na-containing mineral transformation behaviors during Na ₂ CO ₃ -catalyzed CO ₂ gasification of high-alumina coal	Yangang Mei, Zhiqing Wang, Huibin Fang, Yongwei Wang, Jiejie Huang, Yitian Fang	SCI/EI	Energy & Fuels	2017, 31: 1235–1242.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
12	Regulation of ash-fusion behaviors for high ash-fusion-temperature coal by coal blending	Fenghai Li, Xiuwen Ma, Meiling Xu, Yitian Fang	SCI/EI	Fuel Processing Technology	2017, 166: 131–139.
13	Experimental investigation of ash deposition behaviour modification of straws by lignite addition	Fenghai Li, Meng Li, Huimin Zhao, Yitian Fang	SCI/EI	Applied Thermal Engineering	2017, 125: 134–144.
14	Investigation on blended ash fusibility characteristics of biomass and coal with high silica-alumina	Xiuwen Ma, Fenghai Li, Mingjie Ma, Yitian Fang	SCI/EI	Energy & Fuels	2017, 31: 7941–7951.
15	Modification of ash fusion behavior of coal with high ash fusion temperature by red mud addition	Huixia Xiao, Fenghai Li, Quanrun Liu, Shaohua Ji, Hongli Fan, Meiling Xu, Qianqian Guo, Mingjie Ma, Xiuwen Ma	SCI/EI	Fuel	2017, 192: 121–127.
16	Characteristics of soot from rapid pyrolysis of coal and petroleum coke	Zhike Gai, Rong Zhang, Jicheng Bi	SCI/EI	Energy & Fuels	2017, 31: 3759–3767.
17	The behavior of catalysts in hydrogasification of sub-bituminous coal in pressured fluidized bed	Shuai Yan, Jicheng Bi, Xuan Qu	SCI/EI	Applied Energy	2017, 206: 401–412.
18	Effect of gasified semi-coke on coal pyrolysis in the poly-generation of CFB gasification combined with coal pyrolysis	Dengfeng Pan, Xuan Qu, Jicheng Bi	SCI/EI	Journal of Analytical and Applied Pyrolysis	2017, 127: 461–467.
19	Promoted catalysis of calcium on the hydrogasification reactivity of iron-loaded subbituminous coal	Shenfu Yuan, Na Zhang, Xuan Qu, Jicheng Bi, Qie Cao, Jiliang Wang	SCI/EI	Fuel	2017, 200: 153–161.
20	Effects of SiO ₂ -Al ₂ O ₃ -CaO/FeO low-temperature eutectics on slagging characteristics of coal ash	Xianglong Cheng, Yonggang Wang, Xiongchao Lin, Jicheng Bi, Rong Zhang, Lei Bai	SCI/EI	Energy & Fuels	2017, 31: 6748–6757.
21	Study on the preheating stage of low rank coals liquefaction: Product distribution, chemical structural change of coal and hydrogen transfer	Pan Hao, Zongqing Bai, Zhitong Zhao, Jingchong Yan, Xiao Li, Zhenxing Guo, Junli Xu, Jin Bai, Wen Li	SCI/EI	Fuel Processing Technology	2017, 159: 153–159.
22	Study on fusibility of coal ash rich in sodium and sulfur by synthetic ash under different atmospheres	Xiaodong Chen, Lingxue Kong, Jin Bai, Zongqing Bai, Wen Li	SCI/EI	Fuel	2017, 202: 175–183.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
23	The key for sodium-rich coal utilization in entrained flow gasifier: The role of sodium on slag viscosity-temperature behavior at high temperatures	Xiaodong Chen, Lingxue Kong, Jin Bai, Xin Dai, Huaizhu Li, Zongqing Bai, Wen Li	SCI/EI	Applied Energy	2017, 206: 1241–1249.
24	Physico-chemical structure and combustion properties of chars derived from co-pyrolysis of lignite with direct coal liquefaction residue	Junli Xu, Zongqing Bai, Jin Bai, Lingxue Kong, Dongmei Lv, Yanna Han, Xin Dai, Wen Li	SCI/EI	Fuel	2017, 187: 103–110.
25	The precipitation of metallic iron from coal ash slag in the entrained flow coal gasifier: By thermodynamic calculation	Chong He, Jin Bai, Lingxue Kong, Stefan Guhl, Daniel Harry Schwitalla, Jiang Xu, Zongqing Bai, Wen Li	SCI/EI	Fuel Processing Technology	2017, 162: 98–104.
26	Effect of SiO ₂ /Al ₂ O ₃ on fusion behavior of coal ash at high temperature	Tinggui Yan, Jin Bai, Lingxue Kong, Zongqing Bai, Wen Li, Jiang Xu	SCI/EI	Fuel	2017, 193: 275–283.
27	Transformation and roles of inherent mineral matter in direct coal liquefaction: A mini-review	Wen Li, Zongqing Bai, Jin Bai, Xiao Li	SCI/EI	Fuel	2017, 197: 209–216.
28	Comparative study of low-temperature pyrolysis and solvent treatment on upgrading and hydro-liquefaction of brown coal	Jingchong Yan, Zongqing Bai, Pan Hao, Jin Bai, Wen Li	SCI/EI	Fuel	2017, 199: 598–605.
29	Na & Ca removal from Zhundong coal by a novel CO ₂ -water leaching method and the ashing behavior of the leached coal	Yaxin Gao, Lizhi Ding, Xian Li, Wenhui Wang, Yi Xue, Xianqing Zhu, Hongyun Hua, Guangqian Luo, Ichiro Naruse, Zongqing Bai, Hong Yao	SCI/EI	Fuel	2017, 210: 8–14.
30	Chemical transformation of inherent sodium and calcium species during direct liquefaction of two typical lignites rich in alkali and alkaline earth metals	Xiao Li, Jingpei Cao, Xianliang Meng, Ruizhi Chu, Guoguang Wu, Zongqing Bai, Wen Li	SCI/EI	Fuel	2017, 210: 227–235.
31	Study on the two-dimensional micro-scale crystal growth of a coal slag	Zhongjie Shen, Qinfeng Liang, Jianliang Xu, Zhenghua Dai, Haifeng Liu	SCI/EI	Fuel	2017, 205: 24–33.
32	Modeling study for the effect of particle size on char gasification with CO ₂	Zhongjie Shen, Jianliang Xu, Haifeng Liu, Qinfeng Liang	SCI/EI	AIChE Journal	2017, 63(2): 716–724.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
33	Reaction, crystallization and element migration in coal slag melt during isothermal molten process	Zhongjie Shen, Xin Hua, Qinfeng Liang, Jianliang Xu, Dong Han, Haifeng Liu	SCI/EI	Fuel	2017, 191: 221–229.
34	Effects of the bubbles in slag on slag flow and heat transfer in the membrane wall entrained-flow gasifier	Binbin Zhang, Zhongjie Shen, Dong Han, Qinfeng Liang, Jianliang Xu, Haifeng Liu	SCI/EI	Applied Thermal Engineering	2017, 112: 1178–1186.
35	Modeling the slag flow and heat transfer with the effect of fluid-solid slag layer interface viscosity in an entrained flow gasifier	Binbin Zhang, Zhongjie Shen, Qinfeng Liang, Jianliang Xu, Haifeng Liu	SCI/EI	Applied Thermal Engineering	2017, 122: 785–793.
36	Influence of coal blending on ash fusion property and viscosity	Dachuan Wang, Qinfeng Liang, Xin Gong, Haifeng Liu, Xia Liu	SCI/EI	Fuel	2017, 189: 15–22.
37	The mechanism of CO regeneration on V ₂ O ₅ /AC catalyst and sulfur recovery	Yaqin Hou, Rui Zhang, Xiaojin Han, Zhanggen Huang, Yan Cui	SCI/EI	Chemical Engineering Journal	2017, 316: 744–750.
38	Catalytic oxidation of 4-chlorophenol on in-situ sulfur-doped activated carbon with sulfate radicals	Yaoping Guo, Zequan Zeng, Yulin Li, Zhanggen Huang, Jieyang Yang	SCI/EI	Separation and Purification Technology	2017, 179: 257–264.
39	Efficient, selective and sustainable catalysis of carbon dioxide	Qinwen Song, Zhihua Zhou, Liangnian He	SCI/EI	Green Chemistry	2017, 19: 3707–3728.
40	Promoted effect of zinc-nickel bimetallic oxides supported on HZSM-5 catalysts in aromatization of methanol	Yanming Jia, Junwen Wang, Kan Zhang, Wei Feng, Shibin Liu, Chuanmin Ding, Ping Liu	SCI/EI	Journal of Energy Chemistry	2017, 26(3): 540–548.
41	Catalytic conversion of methanol to aromatics over nano-sized HZSM-5 zeolite modified by ZnSiF ₆ •6H ₂ O	Yanming Jia, Junwen Wang, Kan Zhang, Shibin Liu, Guoliang Chen, Yufei Yang, Chuanmin Ding, Ping Liu	SCI/EI	Catalysis Science & Technology	2017, 7(8): 1776–1791.
42	Nanocrystallite self-assembled hierarchical ZSM-5 zeolite microsphere for methanol to aromatics	Yanming Jia, Junwen Wang, Kan Zhang, Wei Feng, Shibin Liu, Chuanmin Ding, Ping Liu	SCI/EI	Microporous and Mesoporous Materials	2017, 247: 103–115.
43	Efficient removal of phosphate from aqueous solution using novel magnetic nanocomposites with Fe ₃ O ₄ @SiO ₂ core and mesoporous CeO ₂ shell	Hong Ding, Yanling Zhao, Qianlin Duan, Junwen Wang, Kan Zhang, Guangyue Ding, Xianmei Xie, Chuanmin Ding	SCI/EI	Journal of Rare Earths	2017, 35(10): 984–994.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
44	Partial oxidation of methane over Ni based catalyst derived from order mesoporous LaNiO ₃ perovskite prepared by modified nanocasting method	Qianlin Duan, Junwen Wang, Chuanmin Ding, Hong Ding, Songsong Guo, Yanming Jia, Ping Liu, Kan Zhang	SCI/EI	Fuel	2017, 193: 112–118.
45	Effect of weak base modification on ZSM-5 catalyst for methanol to aromatics	Wei Feng, Xiaofeng Gao, Chunmin Ding, Yanming Jia, Junwen Wang, Kan Zhang, Ping Liu	SCI/EI	Applied Organometallic Chemistry	2017, 31(6): e3625-1–7.
46	Ordered mesoporous Nb–W oxides for the conversion of glucose to fructose, mannose and 5-hydroxymethylfurfural	Jing Guo, Shanhui Zhu, Youliang Cen, Zhangfeng Qin, Jianguo Wang, Weibin Fan	SCI/EI	Applied Catalysis B: Environmental	2017, 200: 611–619.
47	Probing the intrinsic active sites of modified graphene oxide for aerobic benzylic alcohol oxidation	Shanhui Zhu, Youliang Cen, Miao Yang, Jing Guo, Chengmeng Chen, Jianguo Wang, Weibin Fan	SCI/EI	Applied Catalysis B: Environmental	2017, 211: 89–97.
48	Synthesis of chainlike ZSM-5 zeolites: Determination of synthesis parameters, mechanism of chainlike morphology formation, and their performance in selective adsorption of xylene isomers	Yanhong Quan, Shiyong Li, Sen Wang, Zhikai Li, Mei Dong, Zhangfeng Qin, Gang Chen, Zhihong Wei, Weibin Fan, Jianguo Wang	SCI/EI	ACS Applied Materials & Interfaces	2017, 9(17): 14899–14910.
49	Alcoholysis: A promising technology for conversion of lignocellulose and platform chemicals	Shanhui Zhu, Jing Guo, Xun Wang, Jianguo Wang, Weibin Fan	SCI/EI	ChemSusChem	2017, 10(12): 2547–2559.
50	Facile fabrication of ZSM-5 zeolite hollow spheres for catalytic conversion of methanol to aromatics	Kai Wang, Mei Dong, Junfen Li, Ping Liu, Kan Zhang, Jianguo Wang, Weibin Fan	SCI/EI	Catalysis Science & Technology	2017, 7(3): 560–564.
51	Insight into the effect of incorporation of boron into ZSM-11 on its catalytic performance for conversion of methanol to olefins	Sen Wang, Shiyong Li, Li Zhang, Zhangfeng Qin, Mei Dong, Junfen Li, Jianguo Wang, Weibin Fan	SCI/EI	Catalysis Science & Technology	2017, 7(20): 4766–4779.
52	Controllable decoration of palladium sub-nanoclusters on reduced graphene oxide with superior catalytic performance in selective oxidation of alcohols	Lijun Lei, Zhiwei Wu, Ruiyi Wang, Zhangfeng Qin, Chengmeng Chen, Yejun Liu, Guofu Wang, Weibin Fan, Jianguo Wang	SCI/EI	Catalysis Science & Technology	2017, 7(23): 5650–5661.
53	Influence of crystal size on the catalytic performance of H-ZSM-5 and Zn/H-ZSM-5 in the conversion of methanol to aromatics	Xianjun Niu, Jie Gao, Kai Wang, Qing Miao, Mei Dong, Guofu Wang, Weibin Fan, Zhangfeng Qin, Jianguo Wang	SCI/EI	Fuel Processing Technology	2017, 157: 99–107.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
54	Demonstration of mitigation and utilization of ventilation air methane in a pilot scale catalytic reverse flow reactor	Zhikai Li, Zhiwei Wu, Zhangfeng Qin, Huaqing Zhu, Jianbing Wu, Ruiyi Wang, Lijun Lei, Jiangang Chen, Mei Dong, Weibin Fan, Jianguo Wang	SCI/EI	Fuel Processing Technology	2017, 160: 102–108.
55	Effect of tungsten surface density of WO ₃ -ZrO ₂ on its catalytic performance in hydrogenolysis of cellulose to ethylene glycol	Jiachun Chai, Shanhui Zhu, Youliang Cen, Jing Guo, Jianguo Wang, Weibin Fan	SCI/EI	RSC Advances	2017, 7(14): 8567–8574.
56	Systematic study of the crystallization process of CrAPO-5 using in situ high resolution X-ray diffraction	Pei Sheng, Guofu Wang, Mei Dong, Gang Chen, Huanhuan Yang, Weibin Fan, Zhangfeng Qin, Jianguo Wang	SCI/EI	RSC Advances	2017, 7(37): 22964–22973.
57	Mechanistic insights into ethylene transformations on Ir(111) by density functional calculations and microkinetic modeling	Xuerong Shi, Haijuan Kong, Shengguang Wang, Hui Wang, Zhangfeng Qin, Jianguo Wang	SCI/EI	ChemPhysChem	2017, 18(8): 906–916.
58	Controllable synthesis of mesoporous silica with hierarchical architecture	Liping Li, Jian Song, Jianguo Wang, Weibin Fan	SCI/EI	Materials Express	2017, 7(4): 283–290.
59	Comparative study of methanol to olefins over ZSM-5, ZSM-11, ZSM-22 and EU-1: Dependence of catalytic performance on the zeolite framework structure	Buqin Jing, Junfen Li, Zhikai Li, Sen Wang, Zhangfeng Qin, Weibin Fan, Jianguo Wang	SCI/EI	Journal of Nanoscience and Nanotechnology	2017, 17(6): 3680–3688.
60	Thermodynamic association behaviors of sodium dodecyl sulfate (SDS) with poly(4-vinylpyridine <i>N</i> -oxide) (PVPNO) at different pH values and ionic strengths	Hao Wang, Yaxun Fan, Yilin Wang	SCI/EI	Journal of Surfactants and Detergents	2017, 20(3): 647–657.
61	Remarkable effect of alkalis on the chemoselective hydrogenation of functionalized nitroarenes over high-loading Pt/FeO _x catalysts	Haisheng Wei, Yujing Ren, Aiqin Wang, Xiaoyan Liu, Xin Liu, Leilei Zhang, Shu Miao, Lin Li, Jingyue Liu, Junhu Wang, Guofu Wang, Dangsheng Su, Tao Zhang	SCI/EI	Chemical Science	2017, 8(7): 5126–5131.
62	Superlong salicylideneaniline semiconductor nanobelts prepared by a magnetic nanoparticle-assisted self-assembly process for luminescence thermochromism	Jian Wu, Jinglei Yang	SCI/EI	ACS Omega	2017, 2(5): 2264–2272.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
63	Direct transformation of syngas to aromatics over Na-Zn-Fe ₅ C ₂ and hierarchical HZSM-5 tandem catalysts	Bo Zhao, Peng Zhai, Pengfei Wang, Jiaqi Li, Teng Li, Mi Peng, Ming Zhao, Gang Hu, Yong Yang, Yongwang Li, Qianwen Zhang, Weibin Fan, Ding Ma	SCI/EI	Chem	2017, 3(2): 323–333.
64	Hierarchical porous zeolite ZSM-5/graphene nanosheets as robust heterogeneous acid catalysts	Huonian Zhang, Junying Wang, Yongzhi Liu, Jialing Chen, Hao Wang, Jianlin Huang, Junzhong Wang	-	ChemistrySelect	2017, 2(21): 5810–5815.
65	Mechanism of the self-condensation of GlcNH ₂ : Insights from in situ NMR spectroscopy and DFT study	Lingyu Jia, Xingchen Liu, Yan Qiao, Christian Marcus Pedersen, Zhenzhou Zhang, Hui Ge, Zhihong Wei, Yanyan Chen, Xiaodong Wen, Xianglin Hou, Yingxiong Wang	SCI/EI	Applied Catalysis B: Environmental	2017, 202: 420–429.
66	Photoelectrocatalytic reduction of CO ₂ to methanol over the multi-functionalized TiO ₂ photocathodes	Yanjie Xu, Yongjian Jia, Yuqian Zhang, Rong Nie, Zhenping Zhu, Jianguo Wang, Huanwang Jing	SCI/EI	Applied Catalysis B: Environmental	2017, 205: 254–261.
67	Artificial photosynthesis of methanol from carbon dioxide and water via a Nile red-embedded TiO ₂ photocathode	Yongjian Jia, Yanjie Xu, Rong Nie, Fengjuan Chen, Zhenping Zhu, Jianguo Wang, Huanwang Jing	SCI/EI	Journal of Materials Chemistry A	2017, 5(11): 5495–5501.
68	Ni-foam-supported and amine-functionalized TiO ₂ photocathode improved photoelectrocatalytic reduction of CO ₂ to methanol	Liwen Wang, Yongjian Jia, Rong Nie, Yuqian Zhang, Fengjuan Chen, Zhenping Zhu, Jianguo Wang, Huanwang Jing	SCI/EI	Journal of Catalysis	2017, 349: 1–7.
69	Artificial photosynthesis of alcohols by multi-functionalized semiconductor photocathode	Yuqian Zhang, Bo Han, Yanjie Xu, Dongning Zhao, Yongjian Jia, Rong Nie, Zhouhe Zhu, Fengjuan Chen, Jianguo Wang, Huanwang Jing	SCI/EI	ChemSusChem	2017, 10(8): 1742–1748.
70	Fe ₃ O ₄ @SiO ₂ supported aza-crown ether complex cation ionic liquids: Preparation and applications in organic reactions	Dandan Li, Jinyuan Wang, Fengjuan Chen, Huanwang Jing	SCI/EI	RSC Advances	2017, 7: 4237–4242.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
71	Substituted and anchoring groups improve the efficiency of dye-sensitized solar cells	Xiaofeng Zhang, Yongjian Jia, Dongning Zhao, Faliang Gou, Hong Gao, Cailing Xu, Fengjuan Chen, Zhenping Zhu, Huanwang Jing	-	ChemistrySelect	2017, 2: 4084–4091.
72	Dual modification of TiNb ₂ O ₇ with nitrogen dopants and oxygen vacancies for selective aerobic oxidation of benzylamine to imine under green light	Zhuobin Yu, Eric R. Waclawik, Zhijian Wang, Xianmo Gu, Yong Yuan, Zhanfeng Zheng	SCI/EI	Journal of Materials Chemistry A	2017, 5(9): 4607–4615.
73	Graphene oxide/core-shell structured metal-organic framework nano-sandwiches and their derived cobalt/N-doped carbon nanosheets for oxygen reduction reactions	Jing Wei, Yaoxin Hu, Yan Liang, Biao Kong, Zhanfeng Zheng, Jin Zhang, Sanping Jiang, Yongxi Zhao, Huanting Wang	SCI/EI	Journal of Materials Chemistry A	2017, 5(21): 10182–10189.
74	Simulation-guided synthesis of graphitic carbon nitride beads with 3D interconnected and continuous meso/macropore channels for enhanced light absorption and photocatalytic performance	Yudong Li, Yanqiu Jiang, Zhaohui Ruan, Kaifeng Lin, Zhuobin Yu, Zhanfeng Zheng, Xianzhu Xu, Yuan Yuan	SCI/EI	Journal of Materials Chemistry A	2017, 5(40): 21300–21312.
75	A study on the order of calcination and liquid reduction over Cu-based catalyst for synthesis of methanol from CO ₂ /H ₂	Xiaosu Dong, Feng Li, Ning Zhao, Yisheng Tan, Junwei Wang, Fukui Xiao	SCI/EI	Catalysis Letters	2017, 147(5): 1235–1242.
76	Nitrogen-functionalized reduced graphene oxide as carbocatalysts with enhanced activity for polyaromatic hydrocarbon hydrogenation	Renhou Liu, Feng Li, Chengmeng Chen, Quanbin Song, Ning Zhao, Fukui Xiao	SCI/EI	Catalysis Science & Technology	2017, 7: 1217–1226.
77	Synthesis of dimethyl carbonate from methanol and CO ₂ over Fe-Zr mixed oxides	Aixue Li, Yanfeng Pu, Feng Li, Jing Luo, Ning Zhao, Fukui Xiao	SCI	Journal of CO ₂ Utilization	2017, 19: 33–39.
78	CO ₂ hydrogenation to methanol over La-Mn-Cu-Zn-O based catalysts derived from perovskite precursors	Feng Li, Haijuan Zhan, Ning Zhao, Fukui Xiao	SCI/EI	International Journal of Hydrogen Energy	2017, 42: 20649–20657.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
79	Nitrogen-doped nanoporous carbon membranes with Co/CoP janus-type nanocrystals as hydrogen evolution electrode in both acidic and alkaline environments	Hong Wang, Shixiong Min, Qiang Wang, Debao Li, Gilberto Casillas, Chun Ma, Yangyang Li, Zhixiong Liu, Lainjong Li, Jiayin Yuan, Markus Antonietti, Tom Wu	SCI/EI	ACS Nano	2017, 11(4): 4358–4364.
80	Synthesis of single-crystal-like nanoporous carbon membranes and their application in overall water splitting	Hong Wang, Shixiong Min, Chun Ma, Zhixiong Liu, Weiyi Zhang, Qiang Wang, Debao Li, Yangyang Li, Stuart Turner, Yu Han, Haibo Zhu, Edy Abou-hamad, Mohamed Nejib Hedhili, Jun Pan, Weili Yu, Kuowei Huang, Lainjong Li, Jiayin Yuan, Markus Antonietti, Tom Wu	SCI/EI	Nature Communications	2017, 8: 13592-1–9.
81	Efficient electrocatalytic reduction of CO ₂ by nitrogen-doped nanoporous carbon/carbon nanotube membranes: A step towards the electrochemical CO ₂ refinery	Hong Wang, Jia Jia, Pengfei Song, Qiang Wang, Debao Li, Shixiong Min, Chenxi Qian, Lu Wang, Youngfeng Li, Chun Ma, Tom Wu, Jiayin Yuan, Markus Antonietti, Geoffrey A. Ozin	SCI/EI	Angewandte Chemie-International Edition	2017, 56(27): 7847–7852.
82	High selectivity for <i>n</i> -dodecane hydroisomerization over highly siliceous ZSM-22 with low Pt loading	Pengyu Niu, Hongjuan Xi, Jun Ren, Minggui Lin, Qiang Wang, Litao Jia, Bo Hou, Debao Li	SCI/EI	Catalysis Science & Technology	2017, 7(21): 5055–5068.
83	Elucidating the nature and role of copper species in catalytic carbonylation of methanol to methyl acetate over copper/titania-silica mixed oxides	Xianjie Meng, Heqin Guo, Qiang Wang, Yong Xiao, Congbiao Chen, Bo Hou, Debao Li	SCI/EI	Catalysis Science & Technology	2017, 7(16): 3511–3523.
84	Insights into the metal-support interaction between NiCu cluster and MgO as well as its effect on H adsorption and H ₂ dissociation	Yan Liu, Qiang Wang, Hongyan Liu, Kai Li, Litao Jia, Debao Li, Bo Hou, Baojun Wang	SCI/EI	Molecular Catalysis	2017, 436: 111–119.
85	Effect of edge structure on the activity for hydrogen evolution reaction in MoS ₂ nanoribbons	Lili Liu, Xiuyan Li, Lichun Xu, Ruiping Liu, Zhi Yang	SCI/EI	Applied Surface Science	2017, 396: 138–143.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
86	Insight into the preferred formation mechanism of long-chain hydrocarbons in Fischer-Tropsch synthesis on Hcp Co(10-11) surfaces from DFT and microkinetic modeling	Hongxia Liu, Riguang Zhang, Lixia Ling, Qiang Wang, Baojun Wang, Debao Li	SCI/EI	Catalysis Science & Technology	2017, 7(17): 3758–3776.
87	Effects of metals doping on the removal of Hg and H ₂ S over ceria	Lixia Ling, Zhongbei Zhao, Senpeng Zhao, Qiang Wang, Baojun Wang, Riguang Zhang, Debao Li	SCI/EI	Applied Surface Science	2017, 403: 500–508.
88	Insight into the reduction of NO by H ₂ on the stepped Pd(211) surface	Lixia Ling, Zhongbei Zhao, Xue Feng, Qiang Wang, Baojun Wang, Riguang Zhang, Debao Li	SCI/EI	Journal of Physical Chemistry C	2017, 121(30): 16399–16414.
89	Formations of C ₂ oxygenates and ethanol from syngas on Fe-decorated Cu-based catalyst: Insight into the role of promoter Fe	Lixia Ling, Qiang Wang, Riguang Zhang, Debao Li, baojun Wang	SCI/EI	Physical Chemistry Chemical Physics	2017, 19: 30883–30894.
90	Zigzag double-chain C-Be nanoribbon featuring planar pentacoordinate carbons and ribbon aromaticity	Jiajia Li, Yuewen Mu, Xinxin Tian, Caixia Yuan, Yanbo Wu, Qiang Wang, Debao Li Zhixiang Wang, Sidian Li	SCI/EI	Journal of Materials Chemistry C	2017, 5: 408–414.
91	Effects of macropores on reducing internal diffusion limitations in Fischer-Tropsch synthesis using a hierarchical cobalt catalyst	Hansheng Li, Jungang Wang, Congbiao Chen, Litao Jia, Bo Hou, Debao Li	SCI/EI	RSC Advances	2017, 7(16): 9436–9445.
92	Effect of hierarchical meso-macroporous structures on the catalytic performance of silica supported cobalt catalysts for Fischer-Tropsch synthesis	Hansheng Li, Bo Hou, Jungang Wang, Xin Huang, Congbiao Chen, Zhongyi Ma, Jinglei Cui, Litao Jia, Dekui Sun, Debao Li	SCI/EI	Catalysis Science & Technology	2017, 7(17): 3812–3822.
93	Theoretical insight into Cobalt subnano-clusters adsorption on α -Al ₂ O ₃ (0001)	Fen-e Gao, Jun Ren, Qiang Wang, Debao Li, Bo Hou, Litao Jia, Duanlin Cao	SCI/EI	Journal of Solid Chemistry	2017, 246: 176–185.
94	Cobalt aluminate-modified alumina as a carrier for cobalt in Fischer-Tropsch synthesis	Yan Liu, Litao Jia, Bo Hou, Dekui Sun, Debao Li	SCI/EI	Applied Catalysis A: General	2017, 530: 30–36.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
95	Photothermal catalyst engineering: Hydrogenation of gaseous CO ₂ with high activity and tailored selectivity	Jia Jia, Hong Wang, Zhuole Lu, Paul G. O'Brien, Mireille Ghossoub, Paul Duchesne, Ziqi Zheng, Peicheng Li, Qiao Qiao, Lu Wang, Alan Gu, Abdinoor A. Jelle, Yuchan Dong, Qiang Wang, Kulbir Kaur Ghuman, Thomas Wood, Chenxi Qian, Yue Shao, Chenyue Qiu, Miaomiao Ye, Yimei Zhu, Zhenghong Lu, Peng Zhang, Amr S. Helmy, Chandra Veer Singh, Nazir P. Kherani, Doug D. Perovic, Geoffrey A. Ozin	SCI/EI	Advanced Science	2017, 4(10): 1700252-1-13.
96	Luminescent and magnetic properties of three novel metal-organic polymers based on a semi-rigid tripodal carboxylic ligand	Jie Zhang, Liangqin Huo, Lingling Gao, Xiaoqing Wang, Liming Fan, Kegong Fang, Tuoping Hu	SCI/EI	Polyhedron	2017, 137: 238-245.
97	One-step synthesis of Cu-Co alloy/Mn ₂ O ₃ -Al ₂ O ₃ composites and their application in higher alcohol synthesis from syngas	Lu Zhao, Wenbin Li, Juan Zhou, Xiaoliang Mu, Kegong Fang	SCI/EI	International Journal of Hydrogen Energy	2017, 42(27): 17414-17424.
98	Textual properties of Cu-Mn mixed oxides and application for methyl formate synthesis from syngas	Haijun Zhao, Kegong Fang, Fang Dong, Minggui Lin, Yuhan Sun, Zhicheng Tang	SCI/EI	Journal of Industrial and Engineering Chemistry	2017, 54: 117-125.
99	Selective sensing of two novel coordination polymers based on tris (4-carboxylphenyl) phosphine oxide for organic molecules and Fe ³⁺ and Hg ²⁺ ions	Liangqin Huo, Jie Zhang, Lingling Gao, Xiaoqing Wang, Liming Fan, Kegong Fang, Tuoping Hu	SCI/EI	Journal of Solid State Chemistry	2017, 256: 168-175.
100	Structural diversity, magnetic properties, and luminescent sensing of the flexible tripodal ligand of 1,3,5-Tris (4-carboxylphenyloxy) benzene based Mn(II)/Cd(II) coordination polymers	Jie Zhang, Liangqin Huo, Xiaoqing Wang, Kegong Fang, Liming Fan, Tuoping Hu	SCI/EI	Crystal Growth & Design	2017, 17(11): 5887-5897.
101	Two cadmium coordination polymers based on tris (p-carboxyphenyl) phosphane oxide with highly selective sensing of nitrobenzene derivatives and Hg ²⁺ cations	Liangqin Huo, Jie Zhang, Lingling Gao, Xiaoqing Wang, Liming Fan, Kegong Fang, Tuoping Hu	SCI/EI	CrystEngComm	2017, 19: 5285- 5292.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
102	Effect of configuration addition of precursors on structure and catalysis of Cu/SiO ₂ catalysts prepared by ammonia evaporation-hydrothermal method	Zheng Chen, Juan Zhang, Mohamed Abbas, Yingying Xue, Jiaqiang Sun, Kefeng Liu, Jiangang Chen	SCI/EI	Industrial & Engineering Chemistry Research	2017, 56: 9285–9292.
103	The evolution of Fe phases of a fused iron catalyst during reduction and Fischer-Tropsch synthesis	Juan Zhang, Mohamed Abbas, Jiangang Chen	SCI/EI	Catalysis Science & Technology	2017, 7: 3626–3636.
104	Facile fabrication of BCN nanosheet-encapsulated nano-iron as highly stable Fischer-Tropsch synthesis catalyst	Jiangong Wu, Liancheng Wang, Baoliang Lv, Jiangang Chen	SCI/EI	ACS Applied Materials & Interfaces	2017, 9: 14319–14327.
105	A novel hydrothermal approach for the synthesis of flower-like Fe ₂ O ₃ /Fe foam nanocrystals and their superior performance in Fisher-Tropsch synthesis	Buhuan Wang, Jiaqiang Sun, Mohamed Abbas, Yanting Liu, Fanhua Kong, Haicheng Xiao, Jiangang Chen	SCI/EI	Catalysis Letters	2017, 147: 1153–1161.
106	Ferrite catalysts derived from electroplating sludge for high-calorie synthetic natural gas production	Min Chen, Jizhi Zhou, Jia Zhang, Juan Zhang, Zheng Chen, Jian Ding, Fanhua Kong, Guangren Qian, Jiangang Chen	SCI/EI	Applied Catalysis A: General	2017, 534: 94–100.
107	Synthesis of Cu-Mg/ZnO catalysts and catalysis in dimethyl oxalate hydrogenation to ethylene glycol: Enhanced catalytic behavior in the presence of a Mg ²⁺ dopant	Xiangpeng Kong, Zheng Chen, Yuehuan Wu, Ruihong Wang, Jiangang Chen, Lifeng Ding	SCI/EI	RSC Advances	2017, 7: 49548–49561.
108	Synergism from interfaces between Cu and crystalline ZrO ₂ nanosheets fabricated by acetic complex method for oxalates hydrogenation	Jian Ding, Yanting Liu, Juan Zhang, Mei Dong, Yaxiong Wang, Wenxiu He, Xiaoxing Han, Kefeng Liu, Zheng Jiang, Jiangang Chen	SCI/EI	Molecular Catalysis	2017, 438: 93–102.
109	A novel and rapid approach for the synthesis of biocompatible and highly stable Fe ₃ O ₄ /SiO ₂ and Fe ₃ O ₄ /C core/shell nanocubes and nanorods	Mohamed Abbas, Sri Ramulu Torati, Shawl Asif Iqbal, CheolGi Kim	SCI/EI	New Journal of Chemistry	2017, 41: 2724–2734.
110	Stabilization of copper catalysts for hydrogenation of dimethyl oxalate by deposition of Ag clusters on Cu nanoparticles	Yanting Liu, Jian Ding, Jieyong Yang, Jicheng Bi, Kefeng Liu, Jiangang Chen	SCI/EI	Catalysis Communications	2017, 98: 43–46.
111	Ultra-thin MoS _x film for electrochemical hydrogen production: Correlation between the catalytic activities and electrochemical features	Ruimin Ding, Yequn Liu, Mengchao Wang, Li Qin, Xinmin Cui, Conghui Wang, Liancheng Wang, Baoliang Lv	SCI/EI	Electrochimica Acta	2017, 248: 20–28.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
112	Iron cations induced biphasic symbiosis of h-WO ₃ /o-WO ₃ •0.33H ₂ O and their crystal phase transition	Huixiang Wang, Ruimin Ding, Conghui Wang, Xiaobo Ren, Liancheng Wang, Baoliang Lv	SCI/EI	CrystEngComm	2017, 19: 3980–3986.
113	Thermal induced BCN nanosheets evolution and its usage as metal-free catalyst in ethylbenzene dehydrogenation	Liancheng Wang, Conghui Wang, Zhenwei Zhang, Jianghong Wu, Ruimin Ding, Baoliang Lv	SCI/EI	Applied Surface Science	2017, 422: 574–581.
114	The role of CO ₂ in dehydrogenation of ethylbenzene over pure α -Fe ₂ O ₃ catalysts with different facets	Conghui Wang, Jing Shi, Xinmin Cui, Jing Zhang, Chenghua Zhang, Liancheng Wang, Baoliang Lv	SCI/EI	Journal of Catalysis	2017, 345: 104–112.
115	The adsorption behavior and mechanism of Cr(VI) on 3D hierarchical α -Fe ₂ O ₃ structures exposed by (001) and non-(001) planes	Zhong Liu, Ruitao Yu, Yaping Dong, Wu Li, Baoliang Lv	SCI/EI	Chemical Engineering Journal	2017, 309: 815–823.
116	Facile synthesis of porous nitrogen-doped holey graphene as an efficient metal-free catalyst for the oxygen reduction reaction	Li Qin, Ruimin Ding, Huixiang Wang, Jianghong Wu, Conghui Wang, Chenghua Zhang, Yao Xu, Liancheng Wang, Baoliang Lv	SCI/EI	Nano Research	2017, 10(1): 305–319.
117	Direct synthesis of isobutyraldehyde from methanol and ethanol on Cu–Mg/Ti-SBA-15 catalysts: The role of Ti	Junfeng Zhang, Zhang Meng, Wang Xiaoxing, Zhang Qingde, Faen Song, Tan Yisheng, Han Yizhuo	SCI/EI	New Journal of Chemistry	2017, 41: 9639–9648.
118	PPh ₃ functionalized Rh/rGO catalyst for heterogeneous hydroformylation: Bifunctional reduction of graphene oxide by organic ligand	Minghui Tan, YukiI shikuro, Yuta Hosoi, Noriyuki Yamane, Peipei Ai, Peipei Zhang, Guohui Yang, Mingbo Wu, Ruiqin Yang, Noritatsu Tsubaki	SCI/EI	Chemical Engineering Journal	2017, 330: 863–869.
119	Facile preparation of Cu-Al oxide catalysts and their application in the direct synthesis of ethanol from syngas	Xiaoli Li, Qingde Zhang, Hongjuan Xie, Xiaofeng Gao, Yingquan Wu, Guohui Yang, Peng wang, Shaopeng Tian, Yisheng Tan	-	ChemistrySelect	2017, 2: 10365–10370.
120	Effect of calcination atmospheres on the catalytic performance of nano-CeO ₂ in direct synthesis of DMC from methanol and CO ₂	Zixiang Cui, Jie Fan, Huijuan Duan, Junfeng Zhang, Yongqiang Xue, Yisheng Tan	SCI/EI	Korean Journal of Chemical Engineering	2017, 34(1): 29–36.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
121	The role of different state ZnO over non-stoichiometric Zn-Cr spinel catalysts for isobutanol synthesis from syngas	Shaopeng Tian, Li Tan, Yingquan Wu, Yongli Kou, Hongjuan Xie, Noritatsu Tsubaki, Yisheng Tan	SCI/EI	Applied Catalysis A: General	2017, 536: 57–66.
122	Insight into the role of hydroxyl groups on the ZnCr catalyst for isobutanol synthesis from syngas	Xiaofeng Gao, Yingquan Wu, Guohui Yang, Tao Zhang, Xiaoli Li, Hongjuan Xie, Junxuan Pan, Yisheng Tan	SCI/EI	Applied Catalysis A: General	2017, 547: 1–11.
123	A Facile ethanol fuel synthesis from dimethyl ether and syngas over tandem combination of Cu-doped HZSM35 with Cu-Zn-Al catalyst	Qinhong Wei, Guohui Yang, Xinhua Gao, Li Tan, Peipei Ai, Peipei Zhang, Peng Lu, Yoshiharu Yoneyama, Noritatsu Tsubaki	SCI/EI	Chemical Engineering Journal	2017, 316: 832–841.
124	Carbon nanofibers decorated SiC foam monoliths as the support of anti-sintering Ni catalyst for methane dry reforming	Xinhua Gao, Guoguo Liu, Qinhong Wei, Guohui Yang, Mitsunori Masaki, Xiaobo Peng, Ruiqin Yang, Noritatsu Tsubaki	SCI/EI	International Journal of Hydrogen Energy	2017, 42: 16547–16556.
125	Ni/Silicalite-1 coating being coated on SiC foam: A tailor-made monolith catalyst for syngas production using a combined methane reforming process	Qinhong Wei, Guohui Yang, Xinhua Gao, Noriyuki Yamane, Peipei Zhang, Guoguo Liu, Noritatsu Tsubaki	SCI/EI	Chemical Engineering Journal	2017, 327: 465–473.
126	Effect of the promoter and support on cobalt-based catalysts for higher alcohols synthesis through CO hydrogenation	Peng Wang, Shuyao Chen, Yunxing Bai, Xiaofeng Gao, Xiaoli Li, Kai Sun, Hongjuan Xie, Guohui Yang, Yizhuo Han, Yisheng Tan	SCI/EI	Fuel	2017, 195: 69–81.
127	Preparation and application of Cu/ZnO catalyst by urea hydrolysis method for low-temperature methanol synthesis from syngas	Ronggang Fan, Masahiro Kyodo, Li Tan, Xiaobo Peng, Guohui Yang, Yoshiharu Yoneyama, Ruiqin Yang, Qingde Zhang, Noritatsu Tsubaki	SCI/EI	Fuel Processing Technology	2017, 167: 69–77.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
128	Enhancement of conversion from bio-syngas to higher alcohols fuels over K-promoted Cu-Fe bimodal pore catalysts	Mingyue Ding, Longlong Ma, Qian Zhang, Chenguang Wang, Wennan Zhang, Tiejun Wang	SCI/EI	Fuel Processing Technology	2017, 159: 436–441.
129	Porous TiO ₂ nanotubes with spatially separated platinum and CoO _x cocatalysts produced by atomic layer deposition for photocatalytic hydrogen production	Jiankang Zhang, Zhuobin Yu, Zhe Gao, Huibin Ge, Shichao Zhao, Chaoqiu Chen, Shuai Chen, Xili Tong, Meihua Wang, Zhanfeng Zheng, Yong Qin	SCI/EI	Angewandte Chemie-International Edition	2017, 56(3): 816–820.
130	Highly dispersed Pt nanoparticles supported on carbon nanotubes produced by atomic layer deposition for hydrogen generation from hydrolysis of ammonia borane	Jiankang Zhang, Chaoqiu Chen, Shuai Chen, Qingmin Hu, Zhe Gao, Yunqin Li, Yong Qin	SCI/EI	Catalysis Science & Technology	2017, 7: 322–329.
131	Efficient and controllable vapor to solid doping of the polythiophene P3HT by low temperature vapor phase infiltration	Weike Wang, Chaoqiu Chen, Christopher Tollan, Fan Yang, Yong Qin, Mato Knez	SCI/EI	Journal of Materials Chemistry C	2017, 5(10): 2686–2694.
132	Tuning the conductivity of polyaniline through doping by means of single precursor vapor phase infiltration	Weike Wang, Fan Yang, Chaoqiu Chen, Lianbing Zhang, Yong Qin, Mato Knez	SCI/EI	Advanced Materials Interfaces	2017, 4(4): 1600806-1–8.
133	Coaxial multi-interface hollow Ni-Al ₂ O ₃ -ZnO nanowires tailored by atomic layer deposition for selective-frequency absorptions	Lili Yan, Jia Liu, Shichao Zhao, Bin Zhang, Zhe Gao, Huibin Ge, Yao Chen, Maosheng Cao, Yong Qin	SCI/EI	Nano Research	2017, 10(5): 1595–1607.
134	Highly efficient microwave absorption of magnetic nanospindles-conductive polymer hybrids by molecular layer deposition	Lili Yan, Xixi Wang, Shichao Zhao, Yunqin Li, Zhe Gao, Bin Zhang, Maosheng Cao, Yong Qin	SCI/EI	ACS Applied Materials & Interfaces	2017, 9(12): 11116–11125.
135	Highly stable porous-carbon-coated Ni catalysts for the reductive amination of levulinic acid via an unconventional pathway	Guang Gao, Peng Sun, Yunqin Li, Fang Wang, Zelun Zhao, Yong Qin, Fuwei Li	SCI/EI	ACS Catalysis	2017, 7(8): 4927–4935.
136	Highly efficient CoO _x /SBA-15 catalysts prepared by atomic layer deposition for the epoxidation reaction of styrene	Yunqin Li, Shichao Zhao, Qingmin Hu, Zhe Gao, Yequn Liu, Jiankang Zhang, Yong Qin	SCI/EI	Catalysis Science & Technology	2017, 7(10), 2032–2038.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
137	Controllable <i>n</i> -Fe ₂ O ₃ @graphene nanomaterials by ALD applied in an aptasensor with enhanced electrochemical performance for thrombin detection	Hongfen Zhang, Baiyan Zhang, Anjia Chen, Yong Qin	SCI/EI	Dalton Transactions	2017, 46(23): 7434–7440.
138	100 K cycles: Core-shell H-FeS@C based lithium-ion battery anode	Suhua Chen, Ling Fan, Lingling Xu, Qian Liu, Yong Qin, Bingan Lu	SCI/EI	Energy Storage Materials	2017, 8: 20–27.
139	The precise decoration of Pt nanoparticles with Fe oxide by atomic layer deposition for the selective hydrogenation of cinnamaldehyde	Qingmin Hu, Sen Wang, Zhe Gao, Yunqin Li, Qian Zhang, Qun Xiang, Yong Qin	SCI/EI	Applied Catalysis B: Environmental	2017, 218: 591–599.
140	Conductive polymer-inorganic hybrid materials through synergistic mutual doping of the constituents	Weike Wang, Chaoqiu Chen, Christopher Tollan, Fan Yang, Mikel Beltran, Yong Qin, Mato Knez	SCI/EI	ACS Applied Materials & Interfaces	2017, 9: 27964–27971.
141	Design and properties of confined nanocatalysts by atomic layer deposition	Zhe Gao, Yong Qin	SCI/EI	Accounts of Chemical Research	2017, 50: 2309–2316.
142	Porous TiO ₂ /Pt/TiO ₂ sandwich catalyst for highly selective semihydrogenation of alkyne to olefin	Haojie Liang, Bin Zhang, Huibin Ge, Xiaomin Gu, Shufang Zhang, Yong Qin	SCI/EI	ACS Catalysis	2017, 7: 6567–6572.
143	Facile and effective coloration of dye-inert carbon fiber fabrics with tunable colors and excellent laundering durability	Fengxiang Chen, Huiyu Yang, Ke Li, Bo Deng, Qingsong Li, Xin Liu, Binhai Dong, Xingfang Xiao, Dong Wang, Yong Qin, Shimin Wang, Keqin Zhang, Weilin Xu	SCI/EI	ACS Nano	2017, 11: 10330–10336.
144	Large-scale production of silicon nanoparticles@graphene embedded in nanotubes as ultra-robust battery anodes	Tao Wang, Jian Zhu, Yao Chen, Hongguan Yang, Yong Qin, Fang Li, Qifa Cheng, Xinzhi Yu, Zhi Xu, Bingan Lu	SCI/EI	Journal of Materials Chemistry A	2017, 5(10): 4809–4817.
145	β-FeOOH on carbon nanotubes as a cathode material for Na-ion batteries	Erjin Zhang, Bin Wang, Xinzhi Yu, Jingyi Zhu, Longlu Wang, Bingan Lu	SCI/EI	Energy Storage Materials	2017, 8: 147–152.
146	An organic cathode for potassium dual-ion full battery	Ling Fan, Qian Liu, Zhi Xu, Bingan Lu	SCI/EI	ACS Energy Letters	2017, 2: 1614–1620.
147	Honeycomb-like composite structure for advanced solid state asymmetric supercapacitors	Huailin Fan, Wei Liu, Wenzhong Shen	SCI/EI	Chemical Engineering Journal	2017, 326: 518–527.
148	Nitrogen-doped carbon nanosheets from polyurethane foams and removal of Cr(VI)	Jiaqi Duan, Baohua Zhang, Huailin Fan, Wenzhong Shen, Shijie Qu	SCI/EI	Carbon Letters	2017, 22(1): 60–69.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
149	Identification of nitrogen-polyaromatic compounds in asphaltene from co-processing of coal and petroleum residue using chromatography with mass spectrometry	Pingping Zuo, Wenzhong Shen	EI	International Journal of Coal Science & Technology	2017, 4(3): 281–299.
150	Multiblock poly(phenylene ether nitrile)s with pendant sulfoalkoxyl side chain for H ₂ /air fuel cells at low humidity condition	Tiandu Dong, Bin He, Xinze Li, Congcong Wu, Nanwen Li, Mitsuru Ueda, Xuan Zhang, Lianjun Wang	SCI/EI	Journal of Polymer Science Part A: Polymer Chemistry	2017, 55: 1940–1948.
151	Highly anion conductive, alkyl-chain-grafted copolymers as anion exchange membranes for operable alkaline H ₂ /O ₂ fuel cells	Cheng Yang, Lei Liu, Xiaojin Han, Zhanggen Huang, Junping Dong, Nanwen Li	SCI/EI	Journal of Materials Chemistry A	2017, 5: 10301–10310.
152	UV-crosslinking of polystyrene anion exchange membranes by azidated macromolecular crosslinker for alkaline fuel cells	Jiandang Xue, Lei Liu, Jiayou Liao, Yinghua Shen, Nanwen Li	SCI/EI	Journal of Membrane Science	2017, 535: 322–330.
153	Self-crosslinking of comb-shaped polystyrene anion exchange membranes for alkaline fuel cell application	Wangcai Liu, Lei Liu, Jiayou Liao, Linghui Wang, Nanwen Li	SCI/EI	Journal of Membrane Science	2017, 536: 133–140.
154	Mixed gas sorption in glassy polymeric membranes. III. CO ₂ /CH ₄ mixtures in a polymer of intrinsic microporosity (PIM-1): Effect of temperature	Aweke Elias Gameda, Maria Grazia De Angelis, Naiying Du, Nanwen Li, Michael D. Guiver, Giulio C. Sarti	SCI/EI	Journal of Membrane Science	2017, 524: 746–757.
155	Synthesis and properties of quaternized polyolefins with bulky poly (4-phenyl-1-butene) moieties as anion exchange membranes	Meng Zhu, Yanxia Su, Yibo Wub, Min Zhang, Yiguang Wang, Quan Chen, Nanwen Li	SCI/EI	Journal of Membrane Science	2017, 541: 244–252.
156	Synthesis of midblock-quaternized triblock copolystyrenes as highly conductive and alkaline-stable anion-exchange membranes	Meng Zhu, Min Zhang, Quan Chen, Yanxia Su, Zhijie Zhang, Lei Liu, Yiguang Wang, Linan An, Nanwen Li	SCI/EI	Polymer Chemistry	2017, 8: 2074–2086.
157	Organocatalytic cellulose dissolution and in situ grafting of ϵ -caprolactone via ROP in a reversible DBU/DMSO/CO ₂ system	Qinqin Xu, Longchu Song, Lihua Zhang, Gang Hu, Jiehao Du, Enhui Liu, Qiang Zheng, Yu Liu, Nanwei Li, Haibo Xie	-	ChemistrySelect	2017, 2: 7128–7134.
158	Visible-light-enhanced photocatalytic Sonogashira reaction over silicon carbide supported Pd nanoparticles	Bing Wang, Xiaoning Guo, Guoqiang Jin, Xiangyun Guo	SCI/EI	Catalysis Communications	2017, 98: 81–84.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
159	Graphene-supported CoS ₂ particles: An efficient photocatalyst for selective hydrogenation of nitroaromatics in visible light	Ben Ma, Yingyong Wang, Xili Tong, Xiaoning Guo, Zhanfeng Zheng, Xiangyun Guo	SCI/EI	Catalysis Science & Technology	2017, 7: 2805–2812.
160	Reduced graphene oxide supported Cu ₂ O nanoparticles as an efficient catalyst for Sonogashira coupling reaction	Bing Wang, Yingyong Wang, Xiaoning Guo, Zhifeng Jiao, Guoqiang Jin, Xiangyun Guo	SCI/EI	Catalysis Communications	2017, 101: 36–39.
161	Unraveling the intrinsic structures that influence the transport of charges in TiO ₂ electrodes	Jiazang Chen, Huabing Tao, Bin Liu	SCI/EI	Advanced Energy Materials	2017, 1700886-1–30.
162	A green and efficient photo-driven route for the selective oxidation of aqueous isopropanol solution to pinacol (C ₆) with hydrogen peroxide	Na Li, Wenjun Yan, Hongxia Zhang, Suping Jia, Zhijian Wang, Jianfeng Zheng, Zhenping Zhu	SCI/EI	New Journal of Chemistry	2017, 41: 2764–2768.
163	Direct C-C coupling of acetone at α -position into 2,5-hexanedione induced by photochemical oxidation dehydrogenation	Haozhen Liu, Zhijian Wang, Hongxia Zhang, Li Li, Na Li, Minghong Wu, Jiazang Chen, Zhenping Zhu	SCI/EI	New Journal of Chemistry	2017, 41: 4750–4753.
164	Highly efficient visible light-driven hydrogen production of precious metal-free hybrid photocatalyst: CdS@NiMoS core-shell nanorods	Yuguang Chao, Jianfeng Zheng, Jiazang Chen, Zhijian Wang, Suping Jia, Haixia Zhang, Zhenping Zhu	SCI/EI	Catalysis Science & Technology	2017, 7: 2798–2804.
165	Synergetic effect of Ni(OH) ₂ cocatalyst and CNT for high hydrogen generation on CdS quantum dot sensitized TiO ₂ photocatalyst	Junmei Wang, Zhijian Wang, Zhenping Zhu	SCI/EI	Applied Catalysis B: Environmental	2017, 204: 577–583.
166	Fabricating efficient CdSe-CdS photocatalyst systems by spatially resetting water splitting sites	Zhijian Wang, Junmei Wang, Li Li, Jianfeng Zheng, Suping Jia, Jiazang Chen, Bin Liu, Zhenping Zhu	SCI/EI	Journal of Materials Chemistry A	2017, 5: 20131–20135.
167	Structure-controlled CdS(0D, 1D, 2D) embedded onto 2D ZnS porous nanosheets for highly efficient photocatalytic hydrogen generation	Junmei Wang, Zhijian Wang, Li Li, Jiazang Chen, Jianfeng Zheng, Suping Jia, Zhenping Zhu	SCI/EI	RSC Advances	2017, 7: 24864–24869.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
168	Alumina-supported CoFe alloy catalysts derived from layered-double-hydroxide nanosheets for efficient photothermal CO ₂ hydrogenation to hydrocarbons	Guangbo Chen, Rui Gao, Yufei Zhao, Zhenhua Li, Geoffrey I. N. Waterhouse, Run Shi, Jiaqing Zhao, Mengtao Zhang, Lu Shang, Guiyang Sheng, Xiangping Zhang, Xiaodong Wen, Lizhu Wu, Chenho Tung, Tierui Zhang	SCI/EI	Advanced Materials	2017, 1704663-1-8.
169	CO dissociation mechanism on Pd-doped Fe(100): Comparison with Cu/Fe(100)	Wei Wang, Ye Wang, Guichang Wang	SCI/EI	Journal of Physical Chemistry C	2017, 121: 6820-6834.
170	Differentiation of the C-O and C-C bond scission mechanisms of 1-hexadecanol on Pt(111) and Ru(0001): A first principles analysis	Mengru Lia, Guichang Wang	SCI/EI	Catalysis Science & Technology	2017, 7: 743-760.
171	Periodic density functional theory analysis of direct methane conversion into ethylene and aromatic hydrocarbons catalyzed by Mo ₄ C ₂ /ZSM-5	Feng Yin, Mengru Li, Guichang Wang	SCI/EI	Physical Chemistry Chemical Physics	2017, 19: 22243-22255.
172	Facile synthesis of ECNU-20 (IWR) hollow sphere zeolite composed of aggregated nanosheets	Lin Zhang, Yunlei Chen, Jingang Jiang, Le Xu, Wenping Guo, Hao Xu, Xiaodong Wen, Peng Wu	SCI/EI	Dalton Transactions	2017, 46: 15641-15645.
173	Predicting the structural and electronic properties of transition metal monoxides from bulk to surface morphology	JinJia Liu, Yu Meng, Pengju Ren, Bao Zhaorigetu, Wenping Guo, Dongbo Cao, Yongwang Li, Haijun Jiao, Zizhong Liu, MeilinJia, Yong Yang, Aiju Xu, Xiaodong Wen	SCI/EI	Catalysis Today	2017, 282: 96-104.
174	Application of the dimensional reduction formalism to Pb _{9-x} Ba _x [Li ₂ (P ₂ O ₇) ₂ (P ₄ O ₁₃) ₂] (x=0, 2, 6, 7): A series of phosphates with two types of isolated polyphosphate groups	Xiangyu Zhang, Hongping Wu, Qiong Liu, Xiaoyu Dong, Yunlei Chen, Zhihua Yang, XiaodongWen, Shilie Pan	SCI/EI	Dalton Transactions	2017, 46(14): 4678-4684.
175	About copper promotion in CH ₄ formation from CO hydrogenation on Fe(100): A density functional theory study	Xinxin Tian, Tao Wang, Yong Yang, Yongwang Li, Jianguo Wang, Haijun Jiao	SCI/EI	Applied Catalysis A: General	2017, 530: 83-92.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
176	Insight into the structure and energy of $\text{Mo}_{27}\text{S}_x\text{O}_y$ clusters	Xingchen Liu, Dongbo Cao, Tao Yang, Hao Li, Hui Ge, Manuel Ramos, Qing Peng, Albert K. Dearden, Zhi Cao, Yong Yang, Yongwang Li, Xiaodong Wen	SCI/EI	RSC Advances	2017, 7(16): 9513–9520.
177	Potassium promotion on CO hydrogenation on the χ - $\text{Fe}_5\text{C}_2(111)$ surface with carbon vacancy	Shu Zhao, Xingwu Liu, Chunfang Huo, Yongwang Li, Jianguo Wang, Haijun Jiao	SCI/EI	Applied Catalysis A: General	2017, 534: 22–29.
178	Reaction of CO, H_2O , H_2 and CO_2 on the clean as well as O, OH and H precovered Fe(100) and Fe(111) surfaces	Shaoli Liu, Yongwang Li, Jianguo Wang, Haijun Jiao	SCI/EI	Catalysis Science & Technology	2017, 7(2): 427–440.
179	Low-temperature hydrogen production from water and methanol using Pt/ α -MoC catalysts	Lili Lin, Wu Zhou, Rui Gao, Siyu Yao, Xiao Zhang, Wenqian Xu, Shijian Zheng, Zheng Jiang, Qiaolin Yu, Yongwang Li, Chuan Shi, Xiaodong Wen, Ding Ma	SCI/EI	Nature	2017, 544: 80–83.
180	Controllable deposition of Pt nanoparticles into a KL zeolite by atomic layer deposition for highly efficient reforming of <i>n</i> -heptane to aromatics	Dan Xu, Baoshan Wu, Pengju Ren, Shuyuan Wang, Chunfang Huo, Bin Zhang, Wenping Guo, Lihua Huang, Xiaodong Wen, Yong Qin, Yong Yang, Yongwang Li	SCI/EI	Catalysis Science & Technology	2017, 7(6): 1342–1350.
181	High-indexed Pt_3Ni alloy tetrahedral nanoframes evolved through preferential CO etching	Chenyu Wang, Lihua Zhang, Hongzhou Yang, Jinfong Pan, Jingyue Liu, Charles Dotse, Yiliang Luan, Rui Gao, Cuikun Lin, Jun Zhang, James P. Kilcrease, Xiaodong Wen, Shouzhong Zou, Jiye Fang	SCI/EI	Nano Letters	2017, 17(4): 2204–2210.
182	The role of water on the selective decarbonylation of 5-hydroxymethylfurfural over Pd/ Al_2O_3 catalyst: Experimental and DFT studies	Qingwei Meng, Dongbo Cao, Guoyan Zhao, Chengwu Qiu, Xingchen Liu, Xiaodong Wen, Yulei Zhu, Yongwang Li	SCI/EI	Applied Catalysis B: Environmental	2017, 212: 15–22.
183	Efficient decarbonylation of 5-hydroxymethylfurfural over an Pd/ Al_2O_3 catalyst: Preparation via electrostatic attraction between Pd(II) complex and anionic Al_2O_3	Qingwei Meng, Chengwu Qiu, Hongyan Zheng, Xianqing Li, Yulei Zhu, Yongwang Li	SCI/EI	Molecular Catalysis	2017, 433: 111–121.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
184	Promoting effect of boron oxide on Ag/SiO ₂ catalyst for the hydrogenation of dimethyl oxalate to methyl glycolate	Hongmei Chen, Jingjing Tan, Jinglei Cui, Xiaohai Yang, Hongyan Zheng, Yulei Zhu, Yongwang Li	SCI/EI	Molecular Catalysis	2017, 433: 346–353.
185	Ratio-controlled synthesis of phyllosilicate-like materials as precursors for highly efficient catalysis of the formyl group	Fang Dong, Yulei Zhu, Haijun Zhao, Zhicheng Tang	SCI/EI	Catalysis Science & Technology	2017, 7(9): 1880–1891.
186	In Situ XRD study on promotional effect of potassium on carburization of spray-dried precipitated Fe ₂ O ₃ catalysts	Liwei Niu, Xingwu Liu, Xi Liu, Zhengang Lv, Chenghua Zhang, Xiaodong Wen, Yong Yang, Yongwang Li, Jian Xu	SCI/EI	ChemCatChem	2017, 9(9): 1691–1700.
187	Adsorption and dissociation of H ₂ O and CO ₂ on the clean and <i>O</i> -pre-covered Ru(0001) surface	Peng Zhao, Yurong He, Shaoli Liu, Dongbo Cao, Xiaodong Wen, Hongwei Xiang, Yongwang Li, Haijun Jiao	SCI/EI	Applied Catalysis A: General	2017, 540: 31–36.
188	Synthesis, structure and photocatalytic activity of layered LaOInS ₂	Akira Miura, Takayoshi Oshima, Kazuhiko Maeda, Yoshikazu Mizuguchi, Chikako Moriyoshi, Yoshihiro Kuroiwa, Yu Meng, Xiaodong Wen, Masanori Nagao, Mikio Higuchi, Kiyoharu Tadanaga	SCI/EI	Journal of Materials Chemistry A	2017, 5(27): 14270–14277.
189	Alkalis in iron-based Fischer-Tropsch synthesis catalysts: Distribution, migration and promotion	Jifan Li, Xiaofan Cheng, Chenghua Zhang, Jue Wang, Wensheng Dong, Yong Yang, Yongwang Li	SCI/EI	Journal of Chemical Technology and Biotechnology	2017, 92(6): 1472–1480.
190	Facile synthesis of self-assembled ultrathin α -FeOOH nanorod/graphene oxide composites for supercapacitors	Yuxue Wei, Ruimin Ding, Chenghua Zhang, Baoliang Lv, Yi Wang, Chengmeng Chen, Xiaoping Wang, Jian Xu, Yong Yang, Yongwang Li	SCI/EI	Journal of Colloid and Interface Science	2017, 504: 593–602.
191	Efficient synthesis of furfuryl alcohol and 2-methylfuran from furfural over mineral-derived Cu/ZnO catalysts	Xiaohai Yang, Xiaomin Xiang, Hongmei Chen, Hongyan Zheng, Yongwang Li, Yulei Zhu	SCI/EI	ChemCatChem	2017, 9(15): 3023–3030.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
192	Atomic-layered Au clusters on α -MoC as catalysts for the low-temperature water-gas shift reaction	Siyu Yao, Xiao Zhang, Wu Zhou, Rui Gao, Wenqian Xu, Yifan Ye, Lili Lin, Xiaodong Wen, Ping Liu, Bingbing Chen, Ethan Crumlin, Jinghua Guo, Zhijun Zuo, Weizhen Li, Jinglin Xie, Li Lu, Christopher J. Kiely, Lin Gu, Chuan Shi, José A. Rodriguez, Ding Ma	SCI/EI	Science	2017, 357(6349): 389–393.
193	Promotion of the inactive iron sulfide to an efficient hydrodesulfurization catalyst	Hao Li, Jinjia Liu, Jiancong Li, Yongfeng Hu, Wennian Wang, Delin Yuan, Yandan Wang, Tao Yang, Lei Li, Houxiang Sun, Shenyong Ren, Xiaochun Zhu, Qiaoxia Guo, Xiaodong Wen, Yongwang Li, Baojian Shen	SCI/EI	ACS Catalysis	2017, 7(7): 4805–4816.
194	Covalent-bonding to irreducible SiO ₂ leads to high-loading and atomically dispersed metal catalysts	Yifeng Zhu, Xiao Kong, Junqing Yin, Rui You, Bin Zhang, Hongyan Zheng, Xiaodong Wen, Yulei Zhu, Yongwang Li	SCI/EI	Journal of Catalysis	2017, 353: 315–324.
195	Construction of synergistic Fe ₅ C ₂ /Co heterostructured nanoparticles as an enhanced low temperature Fischer-Tropsch synthesis catalyst	Ce Yang, Bo Zhao, Rui Gao, Siyu Yao, Peng Zhai, Siwei Li, Jing Yu, Yanglong Hou, Ding Ma	SCI/EI	ACS Catalysis	2017, 7(9): 5661–5667.
196	Formation of radicals in coal pyrolysis examined by electron spin resonance	Tong Chang, Qiang Guo, Haigang Hao, Baoshan Wu, Yong Yang	SCI/EI	AIP Advances	2017, 7(9): 095303-1–10.
197	The origin of Mo promotion during H ₂ pretreatment on an Fe catalyst for Fischer-Tropsch synthesis	Liping Li, Caixia Hu, Wen Liu, Peng Fei, Xiaojing Cui, Yongwang Li, Jian Xu	SCI/EI	RSC Advances	2017, 7(70): 44474–44481.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
198	Effects of experimental operations on the Fischer-Tropsch product distribution	Ruyi Yang, Liping Zhou, Junhu Gao, Xu Hao, Baoshan Wu, Yong Yang, Yongwang Li	SCI/EI	Catalysis Today	2017, 298: 77–88.
199	Iron carbides in Fischer-Tropsch synthesis: Theoretical and experimental understanding in epsilon-iron carbide phase assignment	Xingwu Liu, Zhi Cao, Shu Zhao, Rui Gao, Yu Meng, Jianxin Zhu, Cameron Rogers, Chunfang Huo, Yong Yang, Yongwang Li, Xiaodong Wen	SCI/EI	Journal of Physical Chemistry C	2017, 121(39): 21390–21396.
200	Photocatalytic C-C bond cleavage in ethylene glycol on TiO ₂ : A molecular level picture and the effect of metal nanoparticles	Xianchi Jin, Chao Li, Chenbiao Xu, Dawei Guan, Ajin Cheruvathur, Yi Wang, Jian Xu, Dong Wei, Hongwei Xiang, J.W. (Hans) Niemantsverdriet, Yongwang Li, Qing Guo, Zhibo Ma, Ren Su, Xueming Yang	SCI/EI	Journal of Catalysis	2017, 354: 37–45.
201	Facile large-scale synthesis of nanoscale fayalite, α -Fe ₂ SiO ₄	Qiang Chang, Chenghua Zhang, Chengwei Liu, Ke Li, Yifeng Yun, Ajin V. Cheruvathur, Yong Yang, Yongwang Li	-	ChemistrySelect	2017, 2: 3356–3361.
202	Synthesis of monodisperse iron oxide nanoparticles: Effect of temperature, time, solvent, and surfactant	Yuxue Wei, Chenghua Zhang, Qiang Chang, Xianzhou Wang, Liwei Niu, Jian Xu, Yong Yang, Yongwang Li	SCI/EI	Inorganic and Nano-Metal Chemistry	2017, 47(10): 1375–1379.
203	Product distribution control for glucosamine condensation: Nuclear Magnetic Resonance (NMR) investigation substantiated by density-functional calculations	Lingyu Jia, Zhenzhou Zhang, Yan Qiao, Christian Marcus Pedersen, Hui Ge, Zhihong Wei, Tiansheng Deng, Jun Ren, Xingchen Liu, Yingxiong Wang, Xianglin Hou	SCI/EI	Industrial & Engineering Chemistry Research	2017, 56: 2925–2934.
204	Valorization of furfural residue by hydrothermal carbonization: Processing optimization, chemical and structural characterization	Fen Yue, Jia Zhang, Christian Marcus Pedersen, Yingxiong Wang, Tingting Zhao, Pengfei Wang, Yequn Liu, Guangren Qian, Yan Qiao	-	ChemistrySelect	2017, 2: 583–590.

序号	论文/论著名称	作者	收录类别	刊物/出版社名称	年, 卷: 起止页码
205	Field-induced topological phase transition from a three-dimensional Weyl semimetal to a two-dimensional massive Dirac metal in ZrT_5	Guolin Zheng, Xiangde Zhu, Yequn Liu, Jianwei Lu, Wei Ning, Hongwei Zhang, Wenshuai Gao, Yuyan Han, Jiyong Yang, Haifeng Du, Kun Yang, Yuheng Zhang, Mingliang Tian	SCI/EI	Physical Review B	2017, 121401-1-6.
206	Design and synthesis of a Cu(II)-complex-based carbazole-hemicyanine hybrid for fluorescent sensing of H_2S in SDS micellar solution	Qinchao Xu, Zhenyuan Gu, Guowen Xing	SCI/EI	Tetrahedron	2017, 73: 2123-2130.
207	Highly efficient gas sensor using a hollow SnO_2 microfiber for triethylamine detection	Yihui Zou, Shuai Chen, Jin Sun, Jingquan Liu, Yanke Che, Xianghong Liu, Jun Zhang, Dongjiang Yang	-	ACS Sensors	2017, 2: 897-902.
208	Tuning the shell number of multishelled metal oxide hollow fibers for optimized lithium ion storage	Jin Sun, Chunxiao Lv, Fan Lv, Shuai Chen, Daohao Li, Ziqi Guo, Wei Han, Dongjiang Yang, Shaojun Guo	SCI/EI	ACS Nano	2017, 11: 6186-6193.
209	Nanoscale engineering of nitrogen-doped carbon nanofiber aerogels for enhanced lithium-ion storage	Guichao Ye, Xiaoyi Zhu, Shuai Chen, Daohao Li, Yafang Yin, Yun Lu, Sridhar Komarnenid, Dongjiang Yang	SCI/EI	Journal of Materials Chemistry A	2017, 5: 8247-8254.
210	Highly stable supercapacitors with MOF-derived Co_9S_8 /carbon electrodes for high rate electrochemical energy storage	Shuo Zhang, Daohao Li, Shuai Chen, Xianfeng Yang, Xiaoliang Zhao, Quansheng Zhao, Sridhar Komarnenid, Dongjiang Yang	SCI/EI	Journal of Materials Chemistry A	2017, 5: 12453-12461.
211	Toward aerogel electrodes of superior rate performance in supercapacitors through engineered hollow nanoparticles of $NiCo_2O_4$	Jianjiang Li, Shuai Chen, Xiaoyi Zhu, Xilin She, Tongchao Liu, Huawei Zhang, Sridhar Komarneni, Dongjiang Yang, Xiangdong Yao	SCI/EI	Advanced Science	2017, 1700345-1-8.
212	$AlCl_3$ -catalyzed Intramolecular cyclization of <i>N</i> -arylpropynamides with <i>N</i> -sulfanylsuccinimides: Divergent synthesis of 3-sulfonyl quinolin-2-ones and azaspiro[4,5]trienones	Wenchao Gao, Tao Liu, Yufei Cheng, Honghong Chang, Xing Li, Rong Zhou, Wenlong Wei, Yan Qiao	SCI/EI	Journal of Organic Chemistry	2017, 82: 13459-13467.