

## 2016 年发表的部分期刊论文

- [1] Caixia Xu,Hongxiang Chen,Shaowei. Andong Xie, et al. Study on associating thickening mechanism and structure–efficiency relationship of hyperbranched waterborne polyurethane. **Progress in Organic Coatings**, 2016, 92:73-79.
- [2] Jun Chen,Xiaoyun Wu,Shiyu Chen, et al. Ubiquitin ligase Fbw7 restricts the replication of hepatitis C virus by targeting NS5B for ubiquitination and degradation. **Biochemical and Biophysical Research Communications**, 2016, 470(3) :697-703.
- [3] Yingzhu Liu,Yanwei Han,Rongsheng Chen, et al. In situ Immobilization of Copper Nanoparticles on Polydopamine Coated Graphene Oxide for H<sub>2</sub>O<sub>2</sub> Determination. **PLOS One**, 2016,11(7).
- [4] Qinquan Hu,Yi Liu,Xiaocong Deng, et al. Aluminium(III) Chloride-Catalyzed Three-Component Condensation of Aromatic Aldehydes, Nitroalkanes and Sodium Azide for the Synthesis of 4-Aryl-NH-1,2,3-triazoles. **Advanced Synthesis & Catalysis**, 2016,358(10): 1689-1693.
- [5] Zhiwei Gong, Wenting Zhou, Hongwei Shen, et al. Co-fermentation of acetate and sugars facilitating microbial lipid production on acetate-rich biomass hydrolysates. **Bioresource Technology**, 2016,207:102-108.
- [6] Zhiwei Gong, Wenting Zhou, Hongwei Shen, et al. Co-utilization of corn stover hydrolysates and biodiesel-derived glycerol by Cryptococcus curvatus for lipid production. **Bioresource Technology**, 2016,219:552-558.
- [7] Lingling Li,Zaosheng Lv,Zhenyu Zuo, et al. Effect of energy source and leaching method on bio-leaching of rock phosphates by Acidithiobacillus ferrooxidans. **Hydrometallurgy**, 2016,164: 238-247.
- [8] Hui Zhu,Xuanke Li,Fei Han, et al. The effect of pitch-based carbon fiber microstructure and composition on the formation and growth of SiC whiskers via reaction of such fibers with silicon sources. **Carbon**, 2016,99:174-185.

- [9] Yanwei Han,Xiran Yang,Yingzhu Liu, et al. Supramolecular Controlled Cargo Release via Near Infrared Tunable Cucurbit[7]uril-Gold Nanostars. **Scientific Reports**, 2016,6.
- [10] Zhiqiang Yu,Bo Yan,Liqian Gao, et al. Targeted Delivery of Bleomycin: a Comprehensive Anticancer Review. **Current Cancer Drug Targets**,2016,16(6): 509-521.
- [11] Feng Liang,Rongsheng Chen. Functional Nanomaterials for Emerging Biological Applications. **Current Nanoscience**, 2016,12(4): 404-404.
- [12] Yingzhu Liu,Yuetong Hu,Rongsheng Chen, et al. Antibacterial properties of multi-walled carbon nanotubes decorated with silver nanoparticles. **Current Nanoscience**, 2016,12(5): 411-415.
- [13] Wanjun Gong, Xiran Yang, Zavalij Peter Y, et al. From Packed “Sandwich” to “Russian Doll”: Assembly by Charge-Transfer Interactions in Cucurbit[10]uril. **Chemistry - A European Journal**, 2016,22(49): 17612-17618.
- [14] Wenbing Li,Dong Wan,Guanghua Wang, et al. Visible light induced photocatalytic degradation of rhodamine B by magnetic bentonite. **Water Science And Technology**, 2016,73(10): 2345-2352.
- [15] Wenbing Li,Dong Wan,Guanghua Wang, et al. Heterogeneous Fenton degradation of Orange II by immobilization of Fe<sub>3</sub>O<sub>4</sub> nanoparticles onto Al-Fe pillared bentonite. **Korean Journal of Chemical Engineering**, 2016,33(5): 1557-1564.
- [16] Dong Wan,Wenbing Li,Guanghua Wang, et al. Size-controllable synthesis of Fe<sub>3</sub>O<sub>4</sub> nanoparticles through oxidation–precipitation method as heterogeneous Fenton catalyst. **Journal of Materials Research**, 2016,31(17): 2608-2616.
- [17] Dong Wan,Wenbing Li,Guanghua Wang, et al. Shape-Controllable Synthesis of Peroxidase-Like Fe<sub>3</sub>O<sub>4</sub> Nanoparticles for Catalytic Removal of Organic Pollutants. **Journal of Materials Research**, 2016,25(10): 4333-4340.
- [18] Lulu Lu,Wenbin Li,Guanghua Wang, et al. Synthesis and Characterization of Biomimetic Fe<sub>3</sub>O<sub>4</sub>/Coke Magnetic Nanoparticles Composite Material. **Journal of**

**Wuhan University of Technology-Materials Science Edition**, 2016,31(2): 254-259.

- [19] Qingdong Wang,Guanghua Wang,Wenbing Li, et al. Production of Hydrogen-Rich Syngas from Lignite using Different Pyrolysis Methods. **Energy Technology**, 2016,4(6): 751-757.
- [20] Qingdong Wang,Guanghua Wang,Biao Chen, et al. Permittivity-Based Microwave Absorption Characteristics of Dongsheng Lignite during Pyrolysis. **Energy Technology**, 2016,4(5): 641-646.
- [21] Xuanming He,Shuang Yi,Pengrui Fu, et al. Combustion reactivity of bio-char and char generated from co-pyrolysis of coal and four additives: application in blast furnace. **Journal of Energy Engineering**, 2016.
- [22] Shuang Yi,Xuanming He,Hongtao Lin, et al. synergistic effect in low temperature co-pyrolysis of sugarcane bagasse and lignite. **Korean journal of Chemical engineering**, 2016,33(10): 2923-2929.
- [23] Lilin Lua,Shaowei Zhang,Haijun Zhang, et al. Structures and mechanical properties of Fe-and Cr-incorporated  $\beta$ -Si<sub>5</sub>AlON<sub>7</sub>: First-principlesstudy. **Ceramics International**, 2016,42(10): 11924–11929.
- [24] Zhiyong Zhao,Feng Liang,Shiming Liu, et al. Self-assembly of DNA-based nanomaterials and potential application in drug delivery. **Current Topics In Medicinal Chemistry**, 2016,22.
- [25] Tao Pang, Hui Wang, Xue Wu, et al. Synthesis, Crystal Structure and Fluorescence of a Bicyclic Product Containing Chromene and Propargylamine Skeleton. **Chinese Journal of Structural Chemistry**, 2016,35(8): 1277-1282.
- [26] Rong Zeng,QiaoHu,XiaoYanYin, et al. Cloning a novel endo-1,4- $\beta$ -d-glucanase gene from Trichoderma virens and heterologous expression in E. coli. **AMB Express**, 2016,6:108.
- [27] Wei Luo,Xin-Xing Deng,Zhi-Wei Gong, et al. Promotion of the microalgal photo-biocatalytic asymmetric reduction of prochiral ketone by NADPH metabolic regulation. **Asia-Pacific Journal of Chemical Engineering**, 2016,11(4): 533-538.

- [28] Tao Ruan,Rong Zeng,Xiao-Yan Yin, et al. Water hyacinth (*Eichhornia crassipes*) biomass as a biofuel feedstock by enzymatic hydrolysis. **Bioresources**,2016,11(1): 2372-2380.
- [29] Yanfen Huang,Shengping Yi,Zaosheng Lv, et al. Facile fabrication of superhydrophobic coatings based on two silica sols. **Colloid and Polymer Science**,2016,294(9): 1503-1509.
- [30] Qi Zhang,Shijie Wang,Gu Zhang, et al. "Effects of slurry properties on simultaneous removal of SO<sub>2</sub> and NO by ammonia-Fe(II)EDTA absorption in sintering plants". **Journal of Environmental Management**,2016,183:1072-1078.
- [31]BingJie Huang,DanQing Yu,ZhongYi Sheng,Novel CeO<sub>2</sub>@TiO<sub>2</sub> core - shell nanostructure catalyst for selective catalytic reduction of NOx with NH<sub>3</sub>,**Journal of Environmental Sciences**,2016,05,038.
- [32]AiYi Zhou,DanQing Yu,Liu Yang, et al. Combined effects Na and SO<sub>2</sub> in flue gas on Mn-Ce/TiO<sub>2</sub> catalyst for low temperature selective catalytic reduction of NO by NH<sub>3</sub> simulated byNa<sub>2</sub>SO<sub>4</sub> doping, **Applied Surface Science**,2016,378:167-173.
- [33]ShiHai Wang,Yu Zhou,Bo Zhuang, et al. Star-shaped amphiphilic block polyurethane with pentaerythritol core for a hydrophobic drug delivery carrier,**Polym int**,2016,65:551-558.
- [34]翟丽丽, 张江, \*李轩科, 等. 模板剂 F127 对介孔 SnO<sub>2</sub> 的孔结构及电化学性能的影响. **无机化学学报**, 2016, 6: 588-596.
- [35]RongZeng,ZhongHuaYang,TaoRuan, et al . A Novel Cellulase Produced by a Newly Isolated *Trichoderma virens*. **Bioengineering**,2016,3(2):13-20.
- [36]JianZhong Liu, Xu Wu,Andrei Chistoserdov, et al. Glycerol Dehydratases: Biochemical Structures, Catalytic Mechanisms, and Industrial Applications in 1,3-propanediol Production by Naturally Occurring and Genetically Engineered Bacterial Strains. **Applied Biochemistry and Biotechnology**,2016,179: 1073-1100.

- [37]陈诗渊, 曾丹林, 裴阳, 等.碳基固体酸微球的制备及催化性能研究.现代化工, 2016, (4) : 89-92.
- [38]沈康文, 曾丹林, 张崎, 等. 离子液体在催化中的应用研究进展.材料导报, 2016, 30 (5) .
- [39]Danlin Zeng,Shenglan Liu,Qi Zhang, et al. Degradation of phenol from aqueous solution using waste blast furnace flue dust and hydrogen peroxide.**Desalin. Water Treat.**2016,57:9933-9939.
- [40]Danlin Zeng,Qi Zhang,Shiyuan Chen, et al. Synthesis porous carbon-based solid acid from rice husk for esterification of fatty acids.**Micropor. Mesopor. Mater.**,2016,219:54-58.
- [41]ChengChao Liu,JingPing Hong,GuangHui Wang, et al. Synthesis of  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> nanofibers stabilized Co<sub>3</sub>O<sub>4</sub> nanoparticles as highly active and stable Fischer - Tropsch synthesis catalysts.**Fuel**,2016,04.06.
- [42]ChengChao Liu,YuHua Zhang,GuangHui Wang, et al.The effect of the nanofibrous Al<sub>2</sub>O<sub>3</sub> aspect ratio on Fischer - Tropsch synthesis over cobalt catalysts,**Nanoscale**, 2016.
- [43] ZhenkeLi,GuanghuiWang,Wenjing Ren, et al. Cyclotriphosphazene-containing polymeric nanotubes: synthesis, properties, and formation mechanism.**Journal of Materials Science**,2016,51:4096-4103.
- [44]Liang An,GuangHui Wang,Wang Li, et al. Controlled additive-free hydrothermal synthesis and characterization of uniform hydroxy apatite nano.**Ceramics International**,2016,10:099.
- [45]Zhenke Li,Guanghui Wang,Aiqing Zhang, et al. One-pot synthesis of monodispersed phosphazene-containing microspheres with active amino groups. **Journal of Applied Polymer Science**,2016,113.
- [46] Juanjuan Yang,Min Qiang,Wei Li , et al. Effect of nanoV<sub>2</sub>O<sub>5</sub>, nanoFe<sub>2</sub>O<sub>3</sub> and nanoV<sub>2</sub>O<sub>5</sub>/Fe<sub>2</sub>O<sub>3</sub> on selective catalytic reduction of NO over a modified AC catalyst. Int. J. Oil, Gas and Coal Technology. **Journal of Applied Polymer Science** ,2016,11:387-396.

- [47] Long Ye,Bao Hua, Faris El-Badri, et al.  $\Delta$  F508-CFTR correctors: Synthesis and evaluation of thiazoletethered imidazolones, oxazoles, oxadiazoles, and thiadiazoles. **Bioorganic and Medicinal Chemistry**, 2014, 24(24):5840-5844.
- [48] 张伟, 谌娟, 宋磊, 叶龙, 等. sPLA2-IIA 致病作用及其抑制剂的研究进展. **中国药学杂志**, 2016, 51(6):429-432
- [49] 陈佩, 颜家保, 武文丽, 等. 邻二甲苯高效降解菌的分离及其降解特性. **化工进展**, 2016, 35(2):565-569.
- [50] 武文丽, 颜家保, 陈佩, 等. 炼油废水中好氧反应硝化菌的筛选及其降解特性. **化工进展**, 2016, 35(5):1524-1528.
- [51] 黄家骏, 董志军, 张旭, 等. 带状中间相沥青基石墨纤维结构对其电化学性能的影响. **物理化学学报**, 2016, 32(7):1699-1707.
- [52] 张旭, 董志军, 袁观明, 等. 陶瓷前驱体配比对 Si-Zr-B 掺杂沥青基炭材料抗氧化性能的影响. **无机材料学报**, 2016, 31(12):1311-1319.
- [53] Yang Lei,Danlin Zeng,Guanghui Wang,et al. Improvement potential analysis for integrated fractionating and heat exchange processes in delayed coking units. **Chinese Journal of Chemical Engineering**,2016,24:1047-1055.
- [54] 雷杨, 范宝安, 曾丹林, 等. 典型石油化工装置换热网络模型的全局优化策略. **高校化学工程学报**, 2016, 30(3):686-692.
- [55] 孙昱, 唐月娇, 吕早生, 等. 五氧化二氮/硝酸/乙酸酐体系的拉曼光谱. **含能材料**, 2016(10):1000-1004.
- [56] 李成龙, 徐珍, 吕早生, 等. 杯芳冠醚的合成及其催化合成对氟硝基苯. **Chemical Industry and Engineering Progress**, 2016, 35(7):2109-2113.
- [57] 王晴东, 王光华, 陈彪, 等. 东胜褐煤与 Yallourn 褐煤热解过程中微波吸收特性. **煤炭学报**, 2016, 41(6):1540-1545.
- [58] 易霜, 何选明, 郑辉, 等. 甘蔗渣与褐煤共热解半焦的特性研究. **化工进展**, 2016, 35(10):3149-3154.
- [59] 郑辉, 何选明, 易霜, 等. 超临界乙醇萃取蒽的实验研究. **现代化工**, 2016(10):73-75.

- [60] 李凌凌, 吕早生, 杨忠华, 等. 脂环酸芽孢杆菌 A1 的分离鉴定及其对中低品位磷矿的溶磷研究. **生物技术通报**, 2016, 32(11).
- [61] 王晴东, 王光华, 李文兵, 等. 东胜和 Yallourn 褐煤等温热解煤气的性质. **煤炭转化**, 2016, 39(2):25-29.
- [62] 张贤, 董志军, 张旭, 等. SiC/ZrC 前驱体配比对 C/C-SiC-ZrC 复合材料烧蚀性能的影响. **宇航材料工艺**, 2016, 46(1):65-71.
- [63] 左小华, 董志军, 袁观明, 等. B - Si - Zr 掺杂炭材料的制备及其抗氧化性能. **硅酸盐学报**, 2016, 44(6):824-829.
- [64] 胡衍甜, 吕早生, 孙昱, 等. N<sub>2</sub>O<sub>5</sub>/HNO<sub>3</sub>/有机溶剂体系硝解 DPT 制备 HMX. **N<sub>2</sub>O<sub>5</sub>/HNO<sub>3</sub>/有机溶剂体系硝解 DPT 制备 HMX**, 2016, 39(2).
- [65] 徐志, 董爽, 吕早生, 等. S-布洛芬的合成进展. **国外医药抗生素分册**, 2016, 37(4):161-164.
- [66] 徐志, 张姝, 等. 喹啉和喹诺酮:优秀抗结核药物骨架. **国外医药抗生素分册**, 2016, 37(1):5-16.
- [67] 王茂志, 吕早生, 徐珍, 等. 紫外分光光度法测定混合溶液中 NO<sup>3-</sup> 和 SO<sub>4</sub><sup>2-</sup> 浓度测定. **化学与生物工程**, 2016(7):68-70.
- [68] 陶康, 吕早生, 汤军, 等. 新型偶氮染料的合成及其染色性能研究. **印染助剂**, 2016(1):17-22.
- [69] 杜雪莲, 从野, 姜露, \*李轩科, 等. 碳化硅衍生碳/球形天然石墨复合材料的制备及其结构调控. **物理化学学报**, 2015, 31 (3) : 583-588.