

2017 年发表的部分期刊论文

- [1] Baoan Fan, Fan Yu, Xiaojing Ren, Jiabao Yan, Fen Guo, Ye Cong. The influence of double-layered cathode on contact resistance and electrical performance of solid oxide fuel cells self-supported by anodes. **Solid State Ionics**, 2017, 304:20-26.
- [2] Yi Li, Danlin Zeng. Synthesis and characterization of flower-like carbon spheres solid acid from glucose for esterification. **Materials Letters**, 2017, 193:172-175.
- [3] Min Dai, Tao Zou, Jiabao Yan. Thermo-responsive magnetic liposomes for hyperthermia-triggered local drug delivery. **Journal of Microencapsulation**, 2017, 34(4):408-415.
- [4] Min Dai, Tao Zou, Yang Cheng, Xiaoyan He, Yu Zhou. Multifunctional thermo-sensitive liposomes for tumor-triggered targeting drug delivery. **Journal of Controlled Release**, 2017, 259:e125-e126.
- [5] Xiulan Yuan, Ye Cong, Xuanke Li, Jiang Zhang. Unique graphitized mesophase carbon microbead @niobium carbide-derived carbon composites as high performance anode materials of lithium-ion battery. **Electrochimica Acta**, 2017, 238:112-119.
- [6] Feng Xiao, Guanghui Guo, Kang Lu. Study on the Performance of MnFe₂O₄ as Anode Material for Lithium-Ion Batteries Using Spent Alkaline Zn-Mn Batteries as Manganese. **International Journal of Electrochemical Science**, 2017, 12: 11235-11243.
- [7] Z. Xu, M. Qiang, Z. S. Lv*. Synthesis and in vitro antimycobacterial activity of ciprofloxacin acetyl isatin derivatives. **Asian J. Chem.**, 2017, 29: 1039-1041.
- [8] S. Zhang (co-first author), Z. Xu (co-first author), C. Gao, Q. C. Ren, C. Le, Z. S. Lv*, L. S. Feng*. Triazole Derivatives and Their Anti-tubercular Activity. **Eur. J. Med. Chem.**, 2017, 138: 501-513.
- [9] Z. Xu, S. Zhang, X. F. Song, M. Qiang, Z. S. Lv*. Design, synthesis and in vitro anti-mycobacterial evaluation of gatifloxacin-1H-1,2,3-triazole-isatin hybrids. **Bioorg. Med. Chem. Lett.**, 2017.

- [10] Z. Xu, S. Zhang, X. F. Song, M. Qiang, Z. S. Lv*. Design, synthesis and in vitro anti-mycobacterial evaluation of gatifloxacin-1H-1,2,3-triazole-isatin hybrids. **Bioorg. Med. Chem. Lett.**, 2017., 27 (16): 3643-3646
- [11] Z. Xu, X. F. Song, M. Qiang, Z. S. Lv*. 1H-1,2,3-triazole-tethered 8-OMe ciprofloxacin and isatin hybrids: design, synthesis and *in vitro* anti-mycobacterial activities. **J. Heterocyclic Chem.**, 2017, 54(6),3735-3741.
- [12] Yanjun Li, Yuxun li. Synthesis, Crystal Structure and Nonlinear Optical Property of RbHgI₃. **Crystals**, 2017, 7(5):148-158.
- [13] Yan Zeng, Feifan Miao, Zhiyong Zhao, Yuting Zhu, Tao Liu, Rongsheng Chen, Simin Liu, Zaosheng Lv and Feng Liang. Low-Cost Nanocarbon-Based Peroxidases from Graphite and Carbon Fibers. **Applied Sciences-Basel**, 2017, 7(9).
- [14] Zhi Xu;Zao-Sheng Lv;Xu-Feng Song;Min Qiang. Ciprofloxacin-isatin-1H-1,2,3-triazole Hybrids: Design, Synthesis, and in vitro Anti-tubercular Activity against M. Tuberculosis. **Journal of Heterocyclic Chemistry**, 2017, 54:1-6.
- [15] Shihai Wang, Yu Zhou*, Bo Zhuang, Hongxiang Chen, Lijuan Wang and Dengcheng Huang, Tao Zou. Synthesis, characterization and effects of arm number on properties of amphiphilic polyurethanes as drug delivery carriers. **Journal of macromolecular science, part A**, 54(11):765-771.
- [16] Min Dai, Cong Wu, Xiaobing Wang, Hongming Fang, Yu Zhou, Tao Zou*, Danlin Zeng. Thermo-responsive magnetic liposomes for hyperthermia-triggered local drug delivery. **Journal of Controlled Release**. 2017, 259: e93.
- [17] Min Dai, Yang Cheng, Xiaoyan He, Yu Zhou, Tao Zou*, Jiabao Yan, Danlin Zeng. Multifunctional thermo-sensitive liposomes for tumor-triggered targeting drug delivery. **Journal of Controlled Release**, 2017, 259: e125–e126.
- [18] Ouyang, SG (Ouyang, Shu Guang) ; Yao, JY (Yao, Jun Yan) ; Zhu, GHW (Zhu, Guang Heng Wei ; Liu, ZY (Liu, Zhao Yue) ; Feng, C (Feng, Chi) ; Wang, G (Wang, Gang). Hydrophilic modification of a poly(ether sulfone) flat-sheet ultrafiltration membrane applied to coking sewage. **JOURNAL OF APPLIED POLYMER SCIENCE**, 2017, 134(31).

- [19] Wang Shijie;Zhang, Qi;Zhang, Gu;Wang, Zhiyong;Zhu, Ping. Effects of sintering flue gas properties on simultaneous removal of SO₂ and NO by ammonia-Fe(II)EDTA absorption. JOURNAL OF THE ENERGY INSTITUTE, 2017, 90(4):522-527.
- [20] Z. Xu, Chuan Gao, Qing-Chen Ren, Xu-Feng Song, Lian-Shun Feng, Zao-Sheng Lv*. Recent advances of pyrazole-containing derivatives as anti-tubercular agents. Eur. J. Med. Chem., 2017, 139: 429-440.
- [21] Z. Xu, X. F. Song, M. Qiang, Z. S. Lv*. 1H-1,2,3-triazole-tethered 8-OMe ciprofloxacin and isatin hybrids: design, synthesis and in vitro anti-mycobacterial activities. J. Heterocyclic Chem., 2017, 54(6), 3735-3741.
- [22] Z. Xu, Z. S. Lv*, X. F. Song, M. Qiang*. Ciprofloxacin-isatin-1H-1,2,3-triazole hybrids: Design, synthesis and in vitro anti-tubercular activity against M. tuberculosis. J. Heterocyclic Chem., 2017, DOI: 10.1002/jhet.3004.
- [23] Z. Xu, X. F. Song, Y. Q. Hu, M. Qiang, Z. S. Lv*. Design, synthesis and in vitro anti-mycobacterial activities of 8-OMe ciprofloxacin-1H-1,2,3-triazole-isatin-(thio) semicarbazide/oxime hybrids. J. Heterocyclic Chem., 2017, DOI: 10.1002/jhet.3024.
- [24] 陈佳, 张江, 李轩科, 袁观明, 董志军, 丛野, 李艳军, 崔正威. Controllable Oxidation Preparation and Performances of Hollow Ta₂O₅/TiO₂ Composite Photocatalysts. 无机化学学报, 2017, 33(6):1015-1022.
- [25] Guanming Yuan, Xuanke Li(*), Xiaoqing Xiong, Zhijun Dong, Aidan Westwood, Baoliu Li, Chong Ye, Guozhi Ma, Zhengwei Cui, Ye Cong, Jiang Zhang, Yanjun Li. A comprehensive study on the oxidative stabilization of mesophase pitch-based tape-shaped thick fibers with oxygen. Carbon. Carbon, 2017, 115: 59-76.
- [26] SHI Shizhuang, BI Xuegong, WANG Gonger, LI Peng, MAO Yangao, ZHENG Qi, LUO Yonghui. Model-based Prediction of Ferro-coke Strengths and Analysis of Their Control Measures. STEELSIM, 2017:18-21.
- [27] He, Xuan-Ming;Yi, Shuang;Fu, Peng-Rui;Zeng, Xian-Can;Zhang, Du;Cheng, Xiao-Han. Combustion Reactivity of Biochar and Char Generated from

Co-Pyrolysis of Coal and Four Additives: Application in Blast Furnace.
JOURNAL OF ENERGY ENGINEERING, 2017,143 (1) .

- [28] Han, Fei;Lv, Tiezheng;Sun, Bing;Tang, Wen;Zhang, Chengzhi;Li, Xuanke. In situ formation of ultrafine CoS₂ nanoparticles uniformly encapsulated in N/S-doped carbon polyhedron for advanced sodium-ion batteries. RSC ADVANCES, 2017,7(49):30699-30706.
- [29] Han, Fei;Zhang, Chengzhi;Sun, Bing;Tang, Wen;Yang, Jianxiao;Li, Xuanke. Dual-carbon phase-protective cobalt sulfide nanoparticles with cable-type and mesoporous nanostructure for enhanced cycling stability in sodium and lithium ion batteries. CARBON, 2017,118:731-742.
- [30] Zhang, Xian;Li, Xuanke;Yuan, Guanming;Dong, Zhijun;Ma, Guozhi;Rand, Brian. Large diameter pitch-based graphite fiber reinforced unidirectional carbon/carbon composites with high thermal conductivity densified by chemical vapor infiltration. CARBON, 2017,114:59-69.
- [31] Zhu, Hui;Li, Xuanke;Dong, Zhijun;Ma, Guozhi;Han, Fei;Cong, Ye;Yuan, Guanming;Cui, Zhengwei;Westwood, Aidan. Effect of carbon fiber crystallite size on the formation of hafnium carbide coating and the mechanism of the reaction of hafnium with carbon fibers. CARBON, 2017,115:640-648.
- [32] Liu Chengchao, Wang guanghui. The effect of the nanofibrous Al₂O₃ aspect ratio on Fischer–Tropsch synthesis over cobalt catalysts. Nanoscale, 2017,9 (2) :570-581.
- [33] Jin Wei, Tian Yongsheng, Wang Guanghui. Ultra-deep oxidative desulfurization of fuel with H₂O₂ catalyzed by molybdenum oxide supported on alumina modified by Ca²⁺. RSC Advances, 2017, 7:48208-48213.
- [34] Zou, Hui;Yan, Kang;Cong, Ye*;Li, Xuanke;Zhang, Jiang;Cui, Zhengwei;Dong, Zhijun;Yuan, Guanming;Li, Yanjun. Synthesis of hierarchical porous carbon-TiO₂ composites as anode materials for high performance lithium ion batteries. RESEARCH ON CHEMICAL INTERMEDIATES, 2017,43 (5) :2891-2904.
- [35] 王士海,周瑜,杨辅军,陈红祥,尚潇.叶酸修饰聚碳酸酯磁性载药微球的制备及其性能[J].精细化工, 2017,4:401-406.

- [36] 于艳艳,从野,关云锋,袁修兰.碳化硅衍生碳的制备及其超级电容性能[J].无机化学学报, 2017,33:853-859.
- [37] 马涛, 曾艳, 韩彦伟, 艾秋爽, 梁峰. 金种子生长法制备小尺寸金纳米星. 分析科学学报, 2017, 33(2), 154-158.
- [38] 刘秀然, 唐关平, 邱肇炉, 许想娇. 硒及其化合物的发展现状. 广州化工, 2017,45 (22) :14-16.
- [39] 张隆, 强敏, 付伟宜, 万文浩, 王韬群, 何明逊. 一种应用催化不对称硼氢化反应合成 S-布洛芬的新方法. 化学试剂, 2017, 39(6):663-667.
- [40] 沈康文;曾丹林;吴洁;陈诗渊;裴阳;许想姣. 离子液体在生物燃料制备中的应用研究进展. 化工新型材料, 2017, 45 (8) : 26-28.
- [41] 裴阳;曾丹林. 二氧化钛微球的制备及应用研究进展. 中国粉体技术, 2017, 23 (1) : 71-77.
- [42] 吴洁;曾丹林;裴阳;沈康文;陈诗渊. SiO_2 固体酸微球制备及催化性能研究. 化工新型材料, 2017, 45 (10) :166-168.
- [43] 王丽娟, 李继龙, 陈红祥 , 王婉婉, 周瑜, 曾丹林. 端羟基聚丁二烯型水性聚氨酯的制备、性能及交联改性. 涂料工业, 2017, 47(1): 16-21.
- [44] 王丽娟, 陈红祥, 李继龙, 王士海, 王婉婉, 周瑜. 两种共扩链剂对水性聚氨酯分散液性能的影响. 聚氨酯工业, 2017, 32(2): 20-23.
- [45] 梁文懂, 程丽芳, 彭威, 周磊. 硅酸铁调湿材料的微观结构与吸放湿性能分析. 武汉科技大学学报, 2017, 40(1): 38 - 42.
- [46] 欧雪娇, 张春桃, 李雪伟, 王海蓉. 常压溶液法磷石膏中可溶杂质去除规律的分析研究. 应用化工, 2017, 46(7): 1313-1317.
- [47] 刘阳;王光华;李文兵;陈彪;王晴东;马志勇. 东胜褐煤吡啶抽提的 FTIR 谱及 GC/MS 研究. 煤炭技术, 2017, 36 (3): 304-306.
- [48] 周尽晖, 丁玲, 彭泽泽, 李世迁, 赵希然, 方红明. 以焦粉为碳源所制荧光碳量子点的表征及性能分析. 武汉科技大学学报, 2017, 40(4): 269-273.
- [49] 史世庄, 郑齐, 毕学工, 毛彦高, 汪恭二, 罗永辉. 基于模型的铁焦强度预测及其控制途径分析. 太原理工大学学报, 2017, 32 (6) : 587-595.
- [50] 李翠华,何选明,易 霜,李 冲,徐雅迪,张慧娟. 甘蔗渣与褐煤低温共热解产物

特性分析.

煤炭转化, 2017,40 (2) : 29-35.

- [51] 史世庄, 毛彦高, 毕学工, 汪恭二, 郑齐, 刘威. 焦炭初始反应温度影响因素分析. 武汉科技大学学报, 2017,40(2):144-148.
- [52] 李冲, 何选明, 李翠华. 不同热解终温花生壳炭的制备与性质研究. 花生学报, 2017,46 (3) : 67-71.
- [53] 金伟, 田永胜, 曾丹林, 王光辉. F127- MoO₃/Al₂O₃ 的制备及其催化氧化脱除二苯并噻吩的研究. 石油炼制与化工, 2017, 48(10):11-16.
- [54] 金伟, 田永胜, 查乐林, 徐乾, 曾丹林, 崔佳伟, 王光辉. F127 对 MoO₃/Al₂O₃ 结构及其催化氧化脱除苯并噻吩性能的影响. 现代化工, 2017, 37(11):75-79.
- [55] 王海蓉, 张春桃, 梁文懂. 熔融共结晶法制备赤藓糖醇-三氯蔗糖共晶体. 现代食品科技, 2017, 33(5): 228 – 232, 195.
- [56] 王绍静; 吴晓琴; 刘成; 许勇; 余智. 柱淋滤模式下脱硫石膏中重金属组分的迁移特性. 环境工程学报, 2017, (4):2512-2521.
- [57] 王绍静, 吴晓琴, 刘成, 余智. 脱硫石膏中典型重金属组分批淋滤特性研究. 环境科学与技术, 2017, 40(3):68-73.
- [58] 余智, 吴晓琴, 许勇, 叶智. 基于 Test Method 1311 法重结晶 α -半水石膏重金属元素的浸出特性研究. 安全与环境工程, 2017 (5) :94-99.
- [59] 崔正威,李轩科,从野,董志军,袁观明,张江.以碳纳米管为模板在熔盐介质中制备碳化钽[J].新型炭材料,2017,32(3):205-212.
- [60] 范宝安,任晓静,雷杨.熔盐法和柠檬酸盐法对 LSCF 烧结活性的影响[J].电源技术,2017,41(6):861-862.
- [61] 余凡,范宝安,黄铁垓.数据挖掘在化学化工中的研究进展[J].应用化工,2017,46:159-162.
- [62] 陈梅,柯昌美,杨柯,张松山.铅酸蓄电池正极材料超细四碱式硫酸铅 (4BS) 的制备与表征[J].现代化工,2017,141-144.
- [63] 陈梅,柯昌美,杨柯,张松山. N1923+TBP 协同萃取除铅膏中金属杂质的研究 [J].无机盐工业,2017,49(2):60-63.
- [64] 陈诗渊,曾丹林,许可,吴洁.接枝法制备磺酸基碳微球及其催化缩合反应的应用

用[J].现代化工,2017,1:88-91.

- [65] 郑超,罗东,颜科求,王勋,周勇,田永胜,王光辉.镜质组随机反射率对焦炭热态强度的影响[J].煤炭转化, 2017 , 40 (2) :6-10.