曾丹林简介

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出生年月：1977.11　　民族：汉

职称：教授　　毕业学校：中科院武汉物理与数学研究所

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主要从事新型碳材料，化工过程中的环境问题，清洁能源的生产，多相催化的机理研究，固体废弃物的综合利用等方面的研究。

学科专业：

应用化学，化学工艺

研究方向：

新型碳材料；2. 清洁能源；3.化工环保。

主持和参与的项目有：

1. 生物质基固体酸催化汽油烷基化脱硫的研究（国家自然科学基金面上项目，项目负责人）

2. 新型氧化铁脱硫剂的研制（湖北省教育厅优秀中青人才项目，项目负责人）

3. 固体酸催化汽油烷基化脱硫的研究（湖北省自然科学基金项目，项目负责人）

4. 生物质基固体酸催化材料的制备、表征及其催化性能研究（湖北省教育厅项目，项目负责人）

5. 利用高炉瓦斯泥制备氧化铁脱硫剂的研究（校基金，项目负责人）

6. 利用钢厂除尘灰制备氧化铁脱硫剂的研究（重点实验室开放基金，项目负责人）

7. 钢铁厂高炉瓦斯泥综合利用的研究（重点实验室开放基金，项目负责人）

8. 煤焦油加氢精制工艺及其催化剂的研究（横向课题，项目负责人）

主要论文：

[1] Ping Ke, Danlin Zeng*, Ke Xu, Jiawei Cui, Xin Li, Guanghui Wang, Synthesis and characterization of a novel magnetic chitosan microsphere for lactase immobilization, Colloid. Surfaces A, 2020,606: 125522-125528.

[2] Ping Ke, Danlin Zeng*, Ke Xu, Jiawei Cui, Xin Li, Guanghui Wang, Preparation of quaternary ammonium salt-modifified chitosan microspheres and their application in dyeing wastewater treatment, ACS Omega, 2020, 5: 24700-24707.

[3] Xin Li, Danlin Zeng*, Ping Ke, Guanghui Wang, Dengke Zhang,Synthesis and characterization of magnetic chitosan microspheres for drug delivery, RSC Adv., 2020, 10: 7163-7169.

[4] Ping Ke, Danlin Zeng*, Jie Wu, Jiawei Cui, Xin Li, and Guanghui Wang, Preparation and characterization of sulfonated magnetic SiO2 microspheres as the solid acid catalysts for esterifification, ACS Omega, 2019, 4: 22119-22125.

[5] Yi Li, Danlin Zeng*, Synthesis and characterization of flower-like carbon spheres solid acid from glucose for esterification, Materi. Lett., 2017, 193:172-175.

[6] Danlin Zeng*, Qi Zhang, Shiyuan Chen, Shenglan Liu, Guanghui Wang,Synthesis porous carbon-based solid acid from rice husk for esterification of fatty acids, Micro. Meso. Materi., 2016, 219:54-58.

[7] Danlin Zeng*, Qi Zhang, Shiyuan Chen, Shenglan Liu, Yang Chen, Guanghui Wang, A novel solid phosphoric acid from rice hull ash for olefinic alkylation of thiophenic sulfur in gasoline, Materi. Res.Bull., 2015, 72:276-279.

[8] Danlin Zeng*, Shenglan Liu, Qi Zhang, Guanghui Wang, Yang Chen, Yongsheng Tian, Degradation of phenol from aqueous solution using waste blast furnace flue dust and hydrogen peroxide, Desali.Water Treat., 2015, 56:1-7.

[9] Danlin Zeng*, Qi Zhang, Shiyuan Chen, Shenglan Liu, Yang Chen,Yongsheng Tian, Guanghui Wang, Preparation and characterization of a strong solid base from waste eggshell for biodiesel production, J. Environ. Chem. Eng., 2015, 3:560-564.

[10] Danlin Zeng*, Shenglan Liu, Wanjun Gong, Guanghui Wang, Jianghua Qiu, Hongxiang Chen. Synthesis, characterization and acid catalysis of solid acid from peanut shell. Appl. Catal. A, 2014, 469: 284-289.

[11] Danlin Zeng*, Shenglan Liu, Wanjun Gong, Jianghua Qiu, Hongxiang Chen, Guanghui Wang. A Brønsted solid acid synthesized from fly ash for vapor phase dehydration of methanol. Fuel, 2014, 119: 202-206.

[12] Danlin Zeng*, Shenglan Liu, Wanjun Gong, Guanghui Wang, Jianghua Qiu, Yongsheng Tian. Acid properties of solid acid from petroleum coke by chemical activation and sulfonation. Catal.Commun., 2013, 40: 5-8.

[13] Danlin Zeng*, Shenglan Liu, Guanghui Wang, Hongxiang Chen, Jun Xu, Feng Deng. Effect of surface acid properties of modified VOx/Al2O3 catalysts on methanol selective oxidation. Catal. Lett., 2013, 143: 624-629.

[14] Danlin Zeng*, Shenglan Liu, Wanjun Gong, Guanghui Wang, Jianghua Qiu, Hongxiang Chen. Effect of surface properties of iron oxide sorbents on hydrogen sulfide removal from odor. Clean – Soil, Air, Water, 2014, on line, DOI: 10.1002/clen.201300328.

[15] Danlin Zeng*, Shenglan Liu, Wanjun Gong, Hongxiang Chen, Guanghui Wang. A nano-sized solid acid synthesized from rice hull ash for biodiesel production. RSC Adv., 2014, 4: 20535-20539.

[16] Danlin Zeng*, Shenglan Liu, Guanghui Wang, Jianghua Qiu, Hongxiang Chen. Utilization of industrial waste electric arc furnace dust as iron oxide sorbent for

hydrogen sulfide removal. Asia-Pac. J. Chem. Eng., 2014,9:737-742.