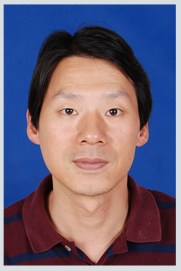

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个人简介

教育背景：

1989.09 - 1993.07：华中科技大学化学系（原华中理工大学），学士；

1993.09 - 1996.07：四川大学化学系，硕士；

2003.01 - 2007.05：美国马里兰大学化学与生物化学系，博士

2007.05 - 2008.11：美国能源部橡树岭国家实验室纳米科学中心，博士后

工作经历：

1996.07 - 2002.07：中石化上海石油化工研究院催化四部，工程师，课题组长；

2009.03 - 2015.06：中科院宁波材料技术与工程研究所，研究员，课题组长，博士生导师；

2015.07 - 至今：华东理工大学化工学院，教授 / 博士生导师；

研究方向

1、催化与反应工程

2、可控纳米催化剂合成及应用

研究成果及主要发表文章

代表性著作

1.Zhang P., Hu, Y., Li, B., Zhang, Q., Zhou, C., Yu, H., Zhang, X., Chen, L.,* Eichhorn., B.,* Zhou., S.* “Kinetically Stabilized Pd@Pt Core-shell Octahedral Nanoparticles with Thin Pt Layers for Enhanced Catalytic Hydrogenation Performance”, ACS Catal., 2015, 5, 1335-1343.

2. Liu, H., Tao, K., Xiong, C.,* Zhou, S.* “Controlled Synthesis of Pd–NiO@SiO2 Mesoporous Core–shell Nanoparticles and Their Enhanced Catalytic Performance for P-chloronitrobenzene Hydrogenation with H2”, Catal. Sci. Technol., 2015, 5, 405-414.

3. Lin, C., Tao, K., Yu, H., Hua, D.,* Zhou, S.* “Enhanced Catalytic Performance of Molybdenum Doped Mesoporous SBA-15 for Metathesis of 1-Butene and Ethene to Propene”, Catal. Sci. Technol., 2014, 4, 4010-4019.

4. Hu, B., Liu, H., Tao, K., Xiong, C.,* Zhou, S.* “Highly Active Doped Mesoporous KIT-6 Catalysts for Metathesis of 1-Butene and Ethene to Propene: The Influence of Neighboring Environment of W Species”, J. Phys. Chem. C, 2013, 117, 26385–26395.

5. Wang, X., Yu, H., Hua, D.,* Zhou, S.* “Enhanced Catalytic Hydrogenation Activity and Selectivity of Pt-MxOy/Al2O3 (M = Ni, Fe, Co) Heteroaggregate Catalysts by in Situ Transformation of PtM Alloy Nanoparticles”, J. Phys. Chem. C, 2013, 117, 7294-7302.

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7. Xu, W., Lin, C., Liu, H., Yu, H., Tao, K.,* Zhou, S.* “Tandem Catalytic Conversion of 1-Butene and Ethene to Propene over Combined Mesoporous W-FDU-12 and MgO Catalysts”, RSC Adv., 2015, 5, 23981-23989.

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9. Zhou, S., McIlwrath, K., Jackson, G., Eichhorn, B. “Enhanced CO Tolerance for Hydrogen Activation in Au-Pt Dendritic Heteroaggregate Nanostructures”, J. Am. Chem. Soc., 2006, 128, 1780 – 1781.

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