



王伟宇

中国科学院精密测量科学与技术创新研究院
固体核磁与多相催化研究组

wangwy@wipm.ac.cn

E-mail: wangwy@wipm.ac.cn

教育经历

2008.09~2012.06 华中科技大学 学士

2012.09~2018.06 中国科学院武汉物理与数学研究所 博士

研究方向

核磁共振研究；加氢多相催化反应研究；仲氢诱导极化技术。

发表刊物

1. 王伟宇; 胡涵; 徐君; 邓风, Pd-Cu 双金属催化剂上加氢反应的仲氢诱导超极化研究. *波谱学杂志* **2018**, *35* (3), 269-279.
2. Wang, W. Y.; Hu, H.; Xu, J.; Wang, Q.; Qi, G. D.; Wang, C.; Zhao, X. L.; Zhou, X.; Deng, F., Tuning Pd-Au Bimetallic Catalysts for Heterogeneous Parahydrogen-Induced Polarization. *J. Phys. Chem. C* **2018**, *122* (2), 1248-1257.
3. Wang, X.; Xu, J.; Qi, G.; Wang, C.; Wang, W.; Gao, P.; Wang, Q.; Liu, X.; Feng, N.; Deng, F., Carbonylation of ethane with carbon monoxide over Zn-modified ZSM-5 zeolites studied by in situ solid-state NMR spectroscopy. *J. Catal.* **2017**, *345*, 228-235.
4. Wang, W.; Xu, J.; Zhao, Y.; Qi, G.; Wang, Q.; Wang, C.; Li, J.; Deng, F., Facet dependent pairwise addition of hydrogen over Pd nanocrystal catalysts revealed via NMR using para-hydrogen-induced polarization. *Phys. Chem. Chem. Phys.* **2017**, *19* (14), 9349-9353.
5. Liu, X.; Chu, Y.; Wang, Q.; Wang, W.; Wang, C.; Xu, J.; Deng, F., Identification of double four-ring units in germanosilicate ITQ-13 zeolite by solid-state NMR spectroscopy. *Solid State Nucl. Magn. Reson.* **2017**, *87*, 1-9.
6. Wang, C.; Wang, Q.; Xu, J.; Qi, G.; Gao, P.; Wang, W.; Zou, Y.; Feng, N.; Liu, X.; Deng, F., Direct Detection of Supramolecular Reaction Centers in the Methanol-to-Olefins Conversion over Zeolite H-ZSM-5 by C-13-Al-27 Solid-State NMR Spectroscopy. *Angew. Chem. Int. Ed.* **2016**, *55* (7), 2507-2511.
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8. Qi, G.; Wang, Q.; Chu, Y.; Xu, J.; Zheng, A.; Su, J.; Chen, J.; Wang, C.; Wang, W.; Gao, P.; Deng, F., Room temperature stable zinc carbonyl complex formed in zeolite ZSM-5 and its hydrogenation reactivity: a solid-state NMR study. *Chem. Commun.* **2015**, *51* (44), 9177-9180.