

# *Resume*

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## **Education**

**Sept.2001 - Jun.2005**

**B.S.** in Applied Physics, Huazhong University of Science and Technology (**HUST**)

**Sept.2005 - Jan. 2011**

**Ph.D.** in Radio Physics, Wuhan Institute of Physics and Mathematics (**WIPM**), the  
Chinese Academy Sciences (**CAS**)

**Ph.D.** in molecules and condensed materials, University of Lille-1.

**Supervisors:** Prof. Feng Deng and Prof. Jean-Paul Amoureux

## **Faculty Academic Appointments**

**Jan. 2011-Present** Assistant professor, Wuhan Institute of Physics, CAS

## **Main research activities:**

Methodology development of solid-state NMR spectroscopy

Heterogeneous catalysts studied by solid-state NMR spectroscopy

Solid-state NMR characterization of functional materials

## **Selected Publications:**

- 1) **Q. Wang**,§ J. Trépośc,§ Y. Li, J. Xu, B. Hu, N. Feng, Q. Chen, O. Lafon, J.P. Amoureux, and F. Deng\*, *Chem. Commun.*, 2013, 49 (59), 6653 – 6655.
- 2) Y.X. Li; B.W. Hu\*; Q. Chen, **Q. Wang\***; Z.F. Zhang; J. Yang; I. Noda; J. Trépośc; O. Lafon; J.P. Amoureux; F. Deng\*, *Analyst*. 2013,138, 2411.
- 3) Feng, ND. ; **Wang, Q.**; Zheng, AM.; Zhang, ZF.; Fan, J.; Liu, SB.; Amoureux, JP.; Deng, F., *Journal of the American chemical society*, 2013, 135, 1607-1616.

- 4) Li, Y. X.; **Wang, Q.\***; Zhang, Z. F.; Yang, J.; Hu, B. W.\*; Chen, Q.; Noda, I.; Deng, F\*. *J. Magn. Reson.* 2012, 217, 106.
- 5) **Q. Wang**, X. Lu, O. Lafon, J. Trébosc, J.P. Amoureux\*, F. Deng, B. Hu, *Physical Chemistry Chemical Physics*, 2011, 13, 5967-5973
- 6) **Q. Wang**, B. Hu, O. Lafon, J. Trébosc, F. Deng\*, J. P. Amoureux\*, *Journal of Magnetic Resonance*, 2010 (203): 113.
- 7) Z. Yu, A. Zheng, **Q. Wang**, L. Chen, J. Xu, J. P. Amoureux, F. Deng\*, *Angewandte Chemie International Edition*. 2010 (49) 8657-8661
- 8) L. Chen, **Q. Wang**, B. Hu, O. Lafon, J. Trébosc, F. Deng\*, J.-P. Amoureux\*, *Physical Chemistry Chemical Physics*, 2010 (12): 9395.
- 9) **Q. Wang**, B. Hu, F. Fayon, J. Trébosc, C. Legein, O. Lafon, F. Deng\*, J.P. Amoureux\*, *Physical Chemistry Chemical Physics*, 2009(11): 10391-10395.
- 10) **Q. Wang**, B. Hu, O. Lafon, J. Trébosc, F. Deng\*, J. P. Amoureux\*, *Journal of Magnetic Resonance*, 2009 (200): 251.
- 11) B. Hu, **Q. Wang**, O. Lafon, J. Trébosc, F. Deng\*, J. P. Amoureux\*, *Journal of Magnetic Resonance*, 2009 (198): 41.
- 12) J. P. Amoureux\*, **Q. Wang**, B. Hu, O. Lafon, J. Trébosc, F. Deng, *Chemical Communications*, 2008 (48): 6525-6527.