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### **Recent Publication**

1. Gong Youguo, Min Hu, Yafang Cheng, Hang Su, Dingli Yue, Feng Liu, A. Wiedensohler, Zhibin Wang, H. Kalesse, Shang Liu, Zhijun Wu, Kaitao Xiao, Puchun Mi and Yuanhang Zhang\*, Competition Of Coagulation Sink And Source Rate: New Particle Formation In The Pearl River Delta Of China, Atmospheric Environment, doi:10.1016/j.atmosenv.2010.05.049
2. Wang X., Y. Zhang\*, Y. Hu, W. Zhou, K. Lu, L. Zhong, L. Zeng, M. Shao, M. Hu, and A. G. Russell, Process analysis and sensitivity study of regional ozone formation over the Pearl River Delta of China during the PRIDE-PRD2004 Campaign using the CMAQ model, Atmos. Chem. Phys., 10 ,4423–4437, 2010
3. Lu, Keding, Yuanhang Zhang\*, Hang Su, Theo Brauers, Charles C. Chou, Andreas Hofzumahaus, Shaw C.Liu, Kazuyuki Kita, Yutaka Kondo, MinShao, Andreas Wahner, Jialin Wang, Xuesong Wang, and Tong Zhu (2010), Oxidant (O<sub>3</sub> + NO<sub>2</sub>) production processes and formation regimes in Beijing, J. Geophys. Res., 115, D07303, doi:10.1029/2009JD012714.
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5. LU Keding, ZHANG YuanHang\*, Observations of HO<sub>x</sub> Radical in Field Studies and the Analysis of Its Chemical Mechanism, PROGRESS IN CHEMISTRY, 22, 500-514, 2010
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8. Xingang Liu, Yuanhang Zhang\*, Jinsang Jung, Jianwei Gu, Yunpeng Li, Song Guo, Shih-Yu Chang, Dingli Yue, Peng Lin, Young J. Kim, Min Hu, Limin Zeng, and Tong Zhu (2009), Research on the hygroscopic properties of aerosols by measurement and modeling during

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9. R. Xiao, N. Takegawa, Y. Kondo, Y. Miyazaki, T. Miyakawa, M. Hu, M. Shao, L.M. Zeng, A. Hofzumahaus, F. Holland, K. Lu, N. Sugimoto, Y. Zhao, Y.H. Zhang\*, Formation of submicron sulfate and organic aerosols in the outflow from the urban region of the Pearl River Delta in China, *Atmospheric Environment* 43 (2009) 3754–3763
10. Andreas Hofzumahaus, Franz Rohrer\*, Keding Lu, Birger Bohn, Theo Brauers, Chih-Chung Chang, Hendrik Fuchs, Frank Holland, Kazuyuki Kita, Yutaka Kondo, Xin Li, Shengrong Lou, Min Shao, Limin Zeng, Andreas Wahner, Yuanhang Zhang\* (2009), Amplified Trace Gas Removal in the Troposphere, *Science* 324, 1702-1704. DOI: 10.1126/science.1164566
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