

## Lecturer CHEN Dan

College	College of Environmental Science & Engineering
Current Position	Lecturer
Types of Tutor	Master Tutor
Language	Chinese/English
Education	<p><b>Lecturer:</b> 2015–present, Yangzhou University, Environmental Science</p> <p><b>PhD:</b> 2011–2014, Dalian University of Technology, Major: Environmental Engineering</p> <p><b>Master:</b> 2008–2011, Dalian University of Technology, Major: Environmental Engineering</p> <p><b>Bachelor:</b> 2004–2008, South-central University for Nationalities, Major : Environmental Engineering</p>
Research Interests	<p>1) Air pollution control;</p> <p>2) Environment catalysis;</p>
Selected Publications	<p>1. <b>Dan Chen*</b>, Jing Shi, Yanbin Yao, Shiwen Wang, Chunliu Wu, Enhanced catalytic activity towards formaldehyde oxidation over Ag catalysts supported on carbon nanotubes. <i><u>Reaction Kinetics, Mechanisms and Catalysis</u></i> 127(2019) 315-329.</p> <p>2. Zhe Hong, Zhong Wang*, <b>Dan Chen</b>, Qiang Sun, Xuebing Li*. Hollow ZSM-5 encapsulated Pt nanoparticles for selective catalytic reduction of NO by hydrogen, <i><u>Applied Surface Science</u></i>, 440(2018)1037-1046.</p> <p>3. Xiaodong Zhang,*, Yin Wang, Yiqiong Yang, <b>Dan Chen</b>,* Recent Progress in the Removal of Volatile Organic Compounds by Mesoporous Silica Materials and Supported Catalysts, <i><u>Acta Physico-Chimica Sinica</u></i>, 31(9)(2015)1633-1646.</p> <p>4. <b>Dan Chen</b>, Zhenping Qu*, Yang Lv, Xin Lu, Weifang Chen, Xiangyu Gao, Effect of oxygen pretreatment on the surface catalytic oxidation of HCHO on Ag/MCM-41 catalysts, <i><u>Journal of Molecular Catalysis A: Chemical</u></i>, 404-405 (2015)</p>

	<p>98-105.</p> <p><b>5. Dan Chen</b>, Zhenping Qu*, Yahui Sun, Yi Wang, Adsorption–desorption behavior of gaseous formaldehyde on different porous Al<sub>2</sub>O<sub>3</sub> materials, <u><i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i></u>, 441 (2014) 433-440.</p> <p>6. Zhenping Qu*, <b>Dan Chen</b>, Yahui Sun, Yi Wang, High catalytic activity for formaldehyde oxidation of AgCo/APTES@MCM-41 prepared by two steps method, <u><i>Applied Catalysis A: General</i></u>, 487 (2014) 100-109.</p> <p><b>7. Dan Chen</b>, Zhenping Qu*, Yahui Sun, Kang Gao, Yi Wang, Identification of reaction intermediates and mechanism responsible for highly active HCHO oxidation on Ag/MCM-41 catalysts, <u><i>Applied Catalysis B: Environmental</i></u>, 142-143 (2013) 838-848.</p> <p><b>8. Dan Chen</b>, Zhenping Qu*, Shijin Shen, Xinyong Li, Yong Shi, Yi Wang, Qiang Fu, Jingjing Wu, Comparative studies of silver based catalysts supported on different supports for the oxidation of formaldehyde, <u><i>Catalysis Today</i></u>, 175 (2011) 338-345.</p> <p><b>9. Dan Chen</b>, Zhenping Qu*, Weiwei Zhang, Xinyong Li, Qidong Zhao, Yong Shi, TPD and TPSR studies of formaldehyde adsorption and surface reaction activity over Ag/MCM-41 catalysts, <u><i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i></u>, 379 (2011) 136-142.</p>
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