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Education:

PhD: **Wuxi University of Light Industry**

MS: **North China Electric Power University** BS: **Hebei University of Science and Technology**

General Areas of Expertise:

Wastewater treatment engineering and technology

Short Bio:

Dr. Ren is a full professor in the School of the Environment, Nanjing University. He is the dean of School of the Environment and the executive director of Yixing Environmental Research Institute, Nanjing University. He won the National Young Experts with Outstanding Contributions, Changjiang Scholar Distinguished Professor of Ministry of Education (China), and Science and Technology Innovation Award of Ho Leung Ho Lee Foundation (China). Prof. Ren is focused on wastewater treatment engineering and environmental biotechnology. He has published more than 200 referred research papers and got over 100 patents authorized by China, USA and other countries. He was awarded two National Awards (class II) for Technological Invention and five provincial and ministerial technology awards (class I) (each as first winner).

Five Representative Publications:

Hu H.D, Jiang C., Ma H.J, Ding L.L, Geng J.J, Xu K., Huang H., and Ren H.Q. Removal characteristics of DON in pharmaceutical wastewater and its influence on the N-nitrosodimethylamine formation potential and acute toxicity of DOM. *Water Research*, 2017, 109: 114-121.
Huang H., Ding L.L., Ren H.Q., Geng J.J., Xu K., Zhang Y. Preconditioning of model biocarriers by soluble pollutants: A QCM D study. *ACS Applied Materials & Interfaces*. 2015, 7: 7222-7230.
Zhang Y., Huang K.L., Deng Y.F., Zhao Y.P., Wu B., Xu K., Ren H.Q. Evaluating of the toxic effects of municipal wastewater effluent on mice using omic approaches. *Environmental Science & Technology*, 2013, 47(16): 9470-9477.
Zhu Y., Zhang Y., Ren H.Q., Geng J.J., Xu K., Huang H., Ding L.L. Physicochemical characteristics and microbial community evolution of biofilms during the start-up period in a moving bed biofilm reactor. *Bioresource Technology*, 2015, 180: 345-351.
Fan D., Ding L.L., Huang H., Chen M.T., Ren H.Q. Fluidized-bed Fenton coupled with ceramic membrane separation for advanced treatment of flax wastewater. *Journal of Hazardous Materials*, 2017, 340: 390-398.

FEWSTERN Symposium 2017 Presentation Title and Abstract:

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