

71 Prof. Songhu Yuan



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Education

B.A. Applied Chemistry, Huazhong University of Science and Technology, Wuhan, China, 2001

M.A. Environmental Engineering, Huazhong University of Science and Technology, Wuhan, China, 2004

Ph.D. Environmental Engineering, Huazhong University of Science and Technology, Wuhan, China, 2007

Work Experience

Lecturer, University of Science and Technology of China, 2001-2003

Associate Professor, University of Science and Technology of China, 2004-2007

Professor, University of Science and Technology of China, 2008-present

Research Interests

water pollution control and sediment pollution repair technology

Major Publications

Lu, X. H., Yuan, S. H., Chapter 11: Electrokinetic removal of chlorinated organic compounds. In: Reddy K.R., editors. *Electrochemical Remediation Technologies for Polluted Soils, Sediments and Groundwater*. John Wiley & Sons, Inc., Wiley-Blackwell Division, Hoboken, New Jersey, USA. Dec. 2008.

Yuan, S. H., Xi, Z. M., Yi, J., Wan, J. Z., Wu, C., Zheng, Z. H., Lu, X. H., Desorption of copper and cadmium from kaolin enhanced by organic acids, *Chemosphere*, 68(2007): 1289-1297.

Yuan, S. H., Shu, Z., Wan, J. Z., Lu, X. H., Enhanced desorption of hexachlorobenzene from kaolin by single and mixed surfactants, *Journal of Colloid and Interface Science*, 2007, 314(1), 167-175.

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Yuan, S. H., Tian, M., Li, T. P., Lu, X. H., Effect of the composition of anodic purging solutions on electroosmosis, *Journal of Environmental Engineering-ASCE*, 133(2007): 627-632.

Yuan, S. H., Wan, J. Z., Lu, X. H., Electrokinetic movement of multiple chlorobenzenes in contaminated soils in the presence of β -cyclodextrin, *Journal of Environmental Science*, 19(2007): 968-976.

Yuan, S. H., Lu, X. H., Comparison treatment of various chlorophenols by electro-Fenton method: relationship between chlorine content and degradation, *Journal of Hazardous Materials*, B118(2005): 85-92..

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- Yuan, S. H., Huang, Y. C., Ren, D. J., Lu, X. H., Degradation of various N-heterocyclic compounds by anodic oxidation and Electro-Fenton methods, Water Environment Research, 79(2007), 759-764.