



JIE GAO, PH.D.

TECHNICAL SPECIALIST

- B.S. Environmental Science
Nanjing University, China
- M.S. Environmental Engineering Sciences
University of Florida
- Ph.D. Environmental Engineering Sciences
University of Florida

TECHNOLOGY AREAS

- Environmental Technology
- Nanotechnology
- Materials
- Chemistry
- Biotechnology
- Engineering

PROFESSIONAL MEMBERSHIPS & ACTIVITIES

- American Chemical Society (ACS)
- Air & Waste Management Association (AWMA)

SELECTED PUBLICATIONS

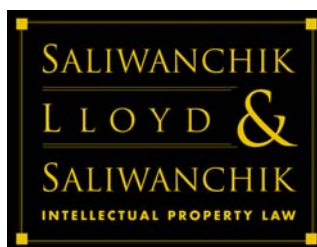
- Gao, J., Liu, M., Trutna, R., Chamberlin, D. and Hadley J. (2008). Nanoparticle measurement by spectroscopic mie scattering. *Particulate Systems Analysis*, Stratford-upon-Avon, UK.
- Gao, J., Bonzongo, J. C., Li, Y., Wu, C. Y. and Bitton, G. (2008). Nanowastes and the environment: assessing the fate of mercury removed from gas effluents by sorption onto SiO₂-TiO₂ nanocomposites. *Environmental Toxicology and Chemistry*. 27 (4): 808-810.

PUBLICATIONS CONTINUED

- Griffitt, R. J., Luo, J., Gao, J., Bonzongo, J. C. and Barber, D. (2008). Effects of particle composition and species on toxicity of metallic nanomaterials in aquatic organisms. *Environmental Toxicology and Chemistry*. 27 (9): 1972-1978.
- Kopelevich, D. I., Bonzongo, J., Tasseff, R. A., J. C., Gao, Ban, Y-M. and Bitton, G. (2008). Potential toxicity of fullerenes and molecular modeling of their transport across lipid membranes. In: *Nanoscience and Nanotechnology: Environmental and Health Impact* (in press).
- Gao, J., Wang, Y. and Sun, C. (2004). Study of mercury contamination in sediment of the Hong Kong Sea. *Environmental Protection Science*. 35(3): 35-37.
- Gao, J., Wang, Y. and Zhang, B. (2004). Counter measure of atmospheric nitrogen oxide pollution in China. *Environmental Protection Science*. 35(5): 107-109.
- Wang, Y., Li, F., Gao, J., et al. (2002). Research of persistent organic pollutants (POPs) and its influence on environmental safety in china, *2002 Annual Conference of Chinese Society for Environmental Science-Environmental Safety and Sustainable Development*: 218-221.

LANGUAGE CAPABILITIES

English, Chinese, German, French



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