LIST OF PUBLICATIONS OF
DR. TIAN C. ZHANG
Ph.D, P.E, D.WRE, BCE, F.ASCE

PRODUCTS

h-Index = 31; Citation > 2800; 75 peer-reviewed journal papers; 9 books; 48 book chapters; > 100 conference papers; > 120 reports

REFEREED JOURNAL PUBLICATIONS (h-Index = 30 as of 12/09/2013)

Published (73)


48. Zhang, T.C. (60%), and J. Shan (M.S. student) (1999). In-situ septic tank effluent denitrification


Papers under Review and in Preparation


REFERRED BOOKS AND BOOK CHAPTERS

Books Published (7)


Book Chapters (43)


Books (In Preparation)


GENBANK SUBMISSION IN USA

Thirty-three (33) bacterial strains were isolated and identified from microbial fuel cells that were inoculated with sludge from an anaerobic digester and fed with corn stove. The results were submitted to Genbank, USA.


REFEREED PROCEEDINGS AND PUBLICATIONS:

15. Hu, M., Zhang, T.C., Stansbury, J., Dahab, M., Shi, J., Neal, J., Alahmad, M., Berryman, C., Li, H.,


Under Review

OTHER CONFERENCE PRESENTATIONS AND PUBLICATIONS (*P = presenter)


nitrate-contaminated surface water. Poster presentation at the 4th International In-Situ and On-Site Bioremediation Symposium, New Orleans, LA, April 28 - May 1, 1997.


INVITED SPEECH, PRESENTATIONS AND LECTURES


27. Zhang, T.C. (2009) Bioenergy and biofuel: key issues about biomass. Invited speech given in the Department of Environmental Science and Engineering at Tongji University, July 6, Shanghai, P.R.C.
30. Zhang, T.C. (2009) Microbial fuel cells: its principles and future potentials. Invited speech given in the Department of Environmental Science and Engineering at Wuhan Polytechnic University, June 26, 2009, Wuhan, P.R.C., and in the Department of Environmental Science and Engineering at Tongji University, July 7, Shanghai, P.R.C.

REPORTS

4. Zhang, T.C., Stansbury, J., and Moussavi, M. (2011-). Development and evaluation of BMPs for highway runoff pollution control. Quarterly progress reports submitted to NDOR, 09/15/11, 12/15/11, 03/15/12, 06/15/12, 09/15/12, 12/15/12, 03/15/13, 06/15/13, and 09/15/13.
5. Zhang, T.C., Stansbury, J., and Moussavi, M. (2011-). Passive stormwater samplers for sampling highway runoff from BMPs: Feasibility studies. Quarterly progress reports submitted to NDOR, 09/15/11, 12/15/11, 03/15/12, 06/15/12, 09/15/12, 12/15/12, 03/15/13, 06/15/13, and 09/15/13.
6. Stansbury, J., Moussavi, M., and Zhang, T.C. (2008-11). Feasibility of Integrating Natural and Constructed Wetlands in Roadway Drainage System Design. Quarterly progress reports submitted to NDOR, 05/30/2012 (Final Report), 09/15/08, 12/15/08, 03/15/09, 06/15/09, 09/15/09, 12/15/09, 03/15/10, 06/15/10, 09/15/10, 12/15/10, 03/15/11, 06/15/11, 09/15/11, and 12/15/11 (Progress Reports).
10. Zhang, T.C., and M. F. Dahab (2003-06) Phosphorus sorption capability and distributions in long-term wastewater land treatment. Reports submitted to the U.S. EPA Region 7, Kansas City, KA, 05/20/06 (final report), 05/05, 09/20/04 and 12/03/03.
12. Zhang, T.C., and P.J. Shea (2004-09) Building Surface Analysis into a New University Infrastructure in Environmental Science, Reports submitted to NRI, UNL, 12/10/09 (report for outside funding generated by the project), 08/07/06 (final report), 11/30/05, 05/24/05, and 1/30/04.


