

PUBLICATIONS by Albert J. Gotch

Available at the Akron Fossils & Science Center's website <http://akronfossils.com/gotch>

Last updated January 21, 2012

12. "Study of Heterogeneous Base Catalysts for Biodiesel Production"; Albert J. Gotch, Aaron J. Reeder, and Aleesha McCormick; *J. Undergrad. Chem. Res.* **2009**, 8, 22.
11. "Formation of Single Phase Microemulsions in Toluene/Water/Nonionic Surfactant Systems"; Albert J. Gotch, Gary Loar, Aaron J. Reeder, and Ellen E. Glista; *Langmuir* **2008**, 24, 4485.
10. "Characterization and Modeling of the Nonfaradaic Response of Ultra High Surface Area Carbon Fibers by Electrochemical Flow Injection Analysis"; Albert J. Gotch, Rick S. Kelly, and Theodore J. Kuwana, *J. Phys. Chem. B.* **2003**, 107, 935
9. "Complementary Analysis of Peptide Aggregation Using Pulsed-Field Gradient NMR and Time-Resolved Laser Spectroscopy"; Shawn L. Mansfield, Albert J. Gotch, Greg Harms, Carey Johnson, and Cynthia K. Larive, *J. Phys. Chem. B.* **1999**, 103, 2262.
8. "Spatial Perception Skills of Chemistry Students"; Sharon L. Coleman and Albert J. Gotch, *J. Chem. Ed.* **1998**, 75, 206.
7. "The Spectroscopy and Photophysics of π Hydrogen-bonded Complexes: Benzene- CHCl_3 "; Albert J. Gotch, Nathan R. Pribble, Frederick C. Ensminger and Timothy S. Zwier, *Laser Chem.* **1994**, 13, 187.
6. "The Structure of the Benzene-Water van der Waal's Complex: A Study of Benzene- $\text{H}_2\text{O}/\text{HDO}/\text{D}_2\text{O}$ "; Albert J. Gotch and Timothy S. Zwier, *J. Chem. Phys.* **1992**, 96, 3388.
5. "The Ham Bands Revisited: The Spectroscopy and Photophysics of the $\text{C}_6\text{H}_6\text{-CCl}_4$ Complex"; Albert J. Gotch and Timothy S. Zwier, *J. Phys. Chem.* **1991**, 95, 9699.
4. "The Structure and Photophysics of Clusters of Immiscible Liquids: $\text{C}_6\text{H}_6\text{-(H}_2\text{O)}_n$ "; Albert J. Gotch, Aaron W. Garrett, Daniel L. Severance and Timothy S. Zwier, *Chem. Phys. Lett.* **1991**, 178, 121.
3. "The Spectroscopy and Dynamics of π Hydrogen-Bonded Complexes: Benzene-HCl/DCl and Toluene-HCl/DCl"; Albert J. Gotch and Timothy S. Zwier, *J. Chem. Phys.* **1990**, 93, 6977.
2. "Polarographic Studies of Photocatalytic Chlorophyll. Formation of Chlorophyll *a* Dihydrate Dimer and Oligomer in Water-Acetone Binary Solvent Mixtures"; A. Agostiano, M. Caselli, M. Della Monica, A.J. Gotch and F.K. Fong, *Biochem. Biophys. Acta* **1988**, 936, 171.
1. "Dipole-Dipole Transfer Between Acetone Solvates of Chlorophyll *a* and Chlorophyll *a* Dihydrate Dimer in Water/Acetone Mixtures: A Model for P680 Sensitized Excitation"; A. Agostiano, K. Butcher, M. Showell, A. Gotch, and F. Fong, *Chem. Phys. Lett.* **1986**, 137, 37.