

Timothy Korter
Complete List of Publications

M. C. Beard, W. T. Lotshaw, **T. M. Korter**, E. J. Heilweil and D. McMorrow, Comparative OHD-RIKES and THz-TDS Probes of Ultrafast Structural Dynamics in Molecular Liquids, *J. Phys. Chem. A* 108: (43) 9348-9360 (2004).

J.A. Reese, T. V. Nguyen, **T. M. Korter** and D. W. Pratt, Charge Redistribution on Electronic Excitation. Dipole Moments of *cis*- and *trans*-3-Aminophenol in Their S_0 and S_1 Electronic States, *J. Am. Chem. Soc.* 126: (36) 11387-11392 (2004).

T. M. Korter and D. F. Plusquellic, Continuous-Wave Terahertz Spectroscopy of Biotin. Vibrational Anharmonicity in the Far-Infrared, *Chem. Phys. Lett.*, 385: 45-51 (2004).

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M. R. Kutteruf, C. M. Brown, L. K. Iwaki, M. B. Campbell, **T. M. Korter**, and E. J. Heilweil, Terahertz Spectroscopy of Short-chain Polypeptides. *Chem. Phys. Lett.* 375: 337-343 (2003).

D. F. Plusquellic, R. J. Lavrich, T. Petralli-Mallow, S. Davis, **T. M. Korter**, and R. D. Suenram, High Resolution Spectroscopic Studies of 1-(1-Naphthyl)-Ethylamine in S_0 and S_1 : Exploring the Dependence of Circular Dichroism on Conformational Structure, *Chem. Phys.* 283: (1-2) 355-370 Sp. Iss. (2002).

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M. R. Hockridge, E. G. Robertson, J. P. Simons, D. R. Borst, **T. M. Korter**, and D. W. Pratt, The $S_1 \leftarrow S_0$ Electronic Transitions of 4- and 5-Phenyl Imidazole in the Gas Phase, *Chem. Phys. Lett.* 334: 31-38 (2001).

T. M. Korter, D. R. Borst, C. J. Butler, and D. W. Pratt, Stark Effects in Gas Phase Electronic Spectra. Dipole Moment of Aniline in Its Excited S_1 State, *J. Am. Chem. Soc.* 123: (1) 96-99 (2001).

T. M. Korter, J. Küpper, D. W. Pratt, Photoinduced Changes in the Structure of a van der Waals complex. Three-Dimensional Inertial Axis Reorientation in the $S_1 \leftarrow S_0$ Electronic Spectrum of Indole-Ar, *J. Chem. Phys.* 111: (9) 3946-3953 (1999).

T. M. Korter, J. Küpper, D. W. Pratt, Indole- H_2O in the Gas Phase. Structures, Barriers to Internal Motion, and $S_1 \leftarrow S_0$ Transition Moment Orientation. Solvent Reorganization in the Electronically Excited State, *J. Phys. Chem. A* 102: (37) 7211-7216 (1998).