Bruce A. Kowert, Ph.D. Papers and Presentations

Kowert Publications and Presentations

30. C. C. Kirkpatrick, J. N. Truong,\* and B. A. Kowert, *Journal of Computational Chem*istry, <u>38</u>, 93-100 (2017). "d-Electron Count, Ion-pairing, and Diagonal Twist Angles in Metallobis(dithiolene) Complexes."

31. B. A. Kowert *Journal of Physical Chem*istry *B*, <u>122</u>, 1940-1947 (2018). "Diffusion of Benzene and Alkylbenzenes in Nonpolar Solvents."

32. B. A. Kowert Journal of Physical Chemistry B, <u>124</u>, 3716-3723 (2020). "Diffusion of

## Kowert Publications and Presentations

13. "The Diffusion of Organic Solutes in *n*-

Kowert Publications and Presentations

12. "Diffusion of Buckminsterfullerene in the *n*-Alkanes," 35<sup>th</sup> Midwest Regional Meeting of the American Chemical Society, St. Louis, Missouri, October 26, 2000. <u>Co-authors</u>: N. C. Dang,† L. G. Seele III,\* and K. T. Sobush.\*

13. "Diffusion of Dioxygen and Aromatic Hydrocarbons in the n-

Kirkpatrick. Co-author: J. Truong.\*

27. (Poster) "ESR Studies of the Molecular Motion of the Bis(maleonitriledithiolato)nickel Monoanion and Trianion in Diglyme." Missouri Inorganic Day, St, Louis, Missouri, May 6, 2017.

28. (Poster) "d-

21. "Electron Spin Resonance Studies of the Reorientational Motion of a Planar Nickel Complex," Sixth National Conference on Undergraduate Research, University of Minnesota, Minneapolis, Minnesota, March 26, 1992. <u>Co-author: P. K. Fitzsimmons.</u>\*

22. "Electron Spin Resonance Studies of the Reorientational Motion of a Planar Nickel Complex," 15th Annual Area Collegiate Chemistry Meeting, University of Tennessee at Martin, Martin, Tennessee, April 25, 1992. <u>Co-author</u>: <u>P. K. Fitzsimmons</u>.\*

23. "ESR Studies of the Reorientational Motion of a Nickel Complex," Ninth National Conference on Undergraduate Research, Union College, Schenectady, New York, April 20, 1995. <u>Co-authors: V. Kantorovich</u>\* and A. Barros Cordero.\*

24. "Application of the VTF Equation to Electron Spin Resonance Studies of Reorientational Motion," Tenth National Conference on Undergraduate Research, University of North Carolina, Asheville, North Carolina, April 18, 1996. <u>Co-author</u>: <u>T. J. Gillum</u>.\*

25. "Application of the Vogel-Tammann-Fulcher Equation to ESR Studies of Reorientational Motion in Glass-Forming Liquids," 19th Annual Area Collegiate Chemistry Meeting, University of Tennessee at Martin, Martin, Tennessee, April 27, 1996. <u>Co-author: T. J. Gillum</u>.\*

26. "Translational Diffusion Coefficients of Molecules in Liquids, y BT 46 0 Vogel

Kowert Publications and Presentations Co-authors: K. T. Sobush