

## Publications

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5. T. S. Ouattara, R. Butcher and J. S. Matthews, “Synthesis and Characterization of *bis*[4-N-(cyclohexylimino)-2-pentanonato]magnesium(II),” *J. Coord. Chem.*, 2005, 58, 461.
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7. Jason S. Matthews, Tantiboro S. Ouattara and Raymond J. Butcher, “*bis*[4-(N-1-ethylpropylimino)pentan-2-onato]zinc(II),” *Acta. Cryst. E.*, 2006, E62, m867-m869.
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10. Jordan Holmes, Keneshia O. Johnson, B. Zhang, Howard Katz and Jason S. Matthews, “Chemical Vapor-deposition of ZnO films from  $\beta$ -ketoiminates and Conversion to Semiconducting and Conducting Oxides,” *Appl. Organometal. Chem.*, 2012, 26, 267-272.
11. T.W. Kassa, N. Zhang, A.F. Palmer & J.S. Matthews, “Design, synthesis, and activity of 2,3-diphosphoglycerate analogs as allosteric modulators of hemoglobin O<sub>2</sub> affinity,” *Artificial Cells, Nanomedicine, and Biotechnology*, 41:2, 109-115, 2013.
12. O.O. Gbemigun, R.J. Butcher, and Jason S. Matthews, “Synthesis and Structural Characterization of  $\beta$ -Enaminoester Zinc Complexes,” *Journal of Chemical Crystallography*, 2019.
13. K.O. Johnson, H. Burgess, R.J. Butcher, and Jason S. Matthews, “Synthesis and Structural Characterization of  $\beta$ -Enaminoamide Zinc Complexes,” *Journal of Chemical Crystallography*, 51(2), 251-256, 2021.
14. K.O. Johnson, A. Brown, G. Farris, A. Starks, R.J. Butcher, and Jason S. Matthews, “Distorted zinc coordination polyhedra in *bis*(1-ethoxy-2-[(2-methoxyethyl) imino] methyl} propan-1-

olato) zinc, a possible CVD precursor for zinc oxide thin films,” *Acta Crystallographica Section E: Crystallographic Communications*, 78(3), **2022**.

15. Nyesa A. Enakaya, Aniah Jefferson, Danielle Chew-Martinez and Jason S. Matthews, “Design, Synthesis, and Evaluation of Allosteric Effectors for Hemoglobin,” *Accts. of Chemical Research*, <https://doi.org/10.1021/acs.accounts.2c00590> **2023**.