

Curriculum Vitae

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Education

Post-doctoral Fellow Princeton University, Princeton, New Jersey	2011 to 2013
Ph.D University of North Texas, Denton, TX Emphasis: Physical/Computational Quantum Chemistry	2006 to 2011
Bachelor of Science University of Ibadan, Ibadan, Nigeria Major: Industrial Chemistry	1995 to 2001

Teaching Experience

Full-Time Faculty, Brookhaven College CHEM 1405, 1411, 1412, 2423, 2425	January 2014 to Present Farmers Branch, TX
Adjunct Faculty, Collin College CHEM 1405, 1411, 1412	January 2014 to Present Frisco, TX
Teaching Fellow/Assistant, University of North Texas 2011 CHEM 1410, 3520, 4660/5660	August 2006 to November Denton, TX
High School Teacher, Osogbo, Nigeria 2005 Chemistry, Mathematics, Physics	January 2002 to January Osun State, Nigeria

Publications and Papers

- Oyedepo, G. A.; Wilson, A. K.; "Multi-reference correlation consistent Composite Approach (MR-ccCA): Toward Accurate Prediction of the Energetics of Excited and Transition State Chemistry" *Journal of Physical Chemistry A*, 2010, 114 (33), 8806
- Jorgensen, K. R.; Oyedepo, G. A.; Wilson, A. K.; "Highly Energetic Nitrogen Species: Reliable Energetics via the correlation consistent Composite Approach" *Journal of Hazardous Materials*, 2011, 186, 583
- Oyedepo, G. A.; Peterson, C.; Wilson, A. K.; "Accurate Predictions of the Energetics of Silicon Compounds using MR-ccCA method" *Journal of Chemical Physics* 2011, 135 (9), 094103
- Oyedepo, G. A.; Wilson, A. K.; "Oxidative Addition of the C-C Bond in β -O-4 Linkage of Lignin to Transition Metal Atoms using Relativistic Pseudopotential ccCA-ONIOM Method" *ChemPhysChem* 2011, 12 (17), 3320
- Oyedepo, G. A.; Charles Peterson; Wilson, A. K.; "Spectroscopic Properties of Ar_x -Zn and Ar_x - Ag^+ ($x=1,2$) van der Waals Complexes" *Journal of Chemical Physics*, 2013, 138, 104116
- Seal, P; Oyedepo, G. A.; Truhlar, D. G.; "Kinetics of the Hydrogen Atom Abstraction Reactions from 1-Butanol by Hydroxyl Radical: Theory Matches Experiment and More" *Journal of Physical Chemistry A* 2013, 117 (2), 275