

PUBLICATIONS

- 22.** Kılıçkaya, G., Doğan, B., Acar, N. **Topaloğlu-Sözüer, I.** Reactions of The Solvent-Stabilized Compound $[\text{MoOCl}_2(\text{THF})_2]$ with Aromatic Nitrogen Donor Ligands: Spectroscopic Characterization and Semiempirical AM1* Calculations. *Turkish Journal of Chemistry*, 33, 693-708, 2009.
- 21.** **Topaloglu-Sozuer, I.**, Dulger-Irdem, S. Synthesis and Characterization of Nitrosyl[tris(3,5dimethylpyrazolyl) borato]molybdenum Complexes Containing Aryloxo, Arylamido and Arylciano Ligands. *Turkish Journal of Chemistry*, 29, 225, 2005.
- 20.** **Topaloglu-Sozuer, I.**, Gunyar, A., Dulger Irdem, S., Baya, M., Poli, R. Synthesis, Characterization and Electrochemical Behavior of Oxo-Bridged (Arylimido)[tris(3,5-dimethylpyrazolyl)borato]molybdenum(V)Complexes. *Inorganica Chimica Acta*, 358, 3303, 2005.
- 19.** **Topaloglu-Sozuer, I.**, Dulger-Irdem, S., Jeffery, J.J., Hamidov, H. Synthesis, Spectroscopic Characterization and X-ray Crystal Structures of Oxo-Bridged Oxo(Haloaryl) Imido Hydrotris(3,5-Dimethylpyrazolyl)Borate (Tp*) Molybdenum(V) Complexes. *Journal of Coordination Chemistry*, 58(2), 175, 2005.
- 18.** **Topaloglu-Sozuer, I.**, Dulger-Irdem, S., Jeffery, J.J., Hamidov, H., Şentürk O. S. Oxo-Bridged (Haloarylimido)[tris(3,5-dimethylpyrazolyl)borato] molybdenum(V) Complexes: Crystal Structures of Geometric Isomers of $[\text{MoTp}^*(\text{O})\text{Cl}](\mu\text{-O})[\text{MoTp}^*(\text{Cl})(\equiv\text{NC}_6\text{H}_4\text{Br})]$. *Z. Naturforsch*, 60b(1), 15, 2005.
- 17.** **Topaloglu-Sozuer, I.**, Gunyar, A., Jeffery, J.J., Hamidov, H. Synthesis and Characterization of Two Oxo Bridged Oxo(arylimido) [Tris(3,5-Dimethylpyrazolyl)Borato]Molybdenum(V)Complexes and Crystal Structure of $[\text{MoTp}^*(\text{O})\text{Cl}](\mu\text{-O})[\text{MoTp}^*(\text{Cl})(\equiv\text{NC}_6\text{H}_4\text{OMe})]$. *Transition Metal Chemistry*, 29, 780, 2004.
- 16.** Sarıkahya, F., Şentürk, O.S., **Topaloğlu, I.** Preparation of Complexes Formed in the Reaction Between Dicobaltoctacarbonyl and Tetraalkyldiphosphinedisulfides. *Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry*, 30(9), 1697, 2000.
- 15.** **Topaloğlu, I.**, McCleverty, J.A. Synthesis and Characterization of a New Mono-Molybdenated Metallo-Ligand, $[\text{Mo}\{\text{HB}(3,5\text{-Me}_2\text{C}_3\text{HN}_2)\}(\text{NO})\text{Cl}(\text{OC}_6\text{H}_4\text{PPh}_2\text{-}p)]$. *Synthesis and Reactivity in Inorganic and Metal-Organic chemistry*, 29(6), 1101, 1999.
- 14.** **Topaloğlu, I.** Non-linear Optical Materials. *Journal of Faculty of Science, University of Ege*, 22(1), 41, 1999.
- 13.** **Topaloğlu, I.** The Amido and Bisalkoxo Complexes of [tris(3,5-dimethylpyrazolyl)borato]-molybdenumnitrosyl. *Turkish Journal of Chemistry*, 22, 115, 1998.
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- 9. Topaloğlu, I.** Synthesis, Characterization and Reactivity of [*exo-nido* Rh(PPh₃)(η⁵-C₂B₉H₁₀Me₂)]. *Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry*, 26(8), 1295, 1996.
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- 3. Carr, N., Gimeno, M. C., Goldberg, J. E., Pilotti, M. U., Stone, F. G. A., Topaloğlu, I.** Chemistry of Polynuclear Metal Complexes With Bridging Carbene or Carbyne Ligands. Synthesis of Mixed Metal Compounds via the Salts [NEt₄][Rh(CO)L(η⁵-C₂B₉H₉R₂)] (L = H; L = CO, R = Me); Crystal Structures of the Complexes [WRhAu(μ-CC₆H₄Me-4)(CO)₃(PPh₃)(η-C₅H₅)(η⁵-C₂B₉H₁₁)] and [WRh₂Au₂(μ₃-CC₆H₄Me-4)(CO)₆(PPh₃)(η-C₅H₅)(η⁵-C₂B₉H₉Me₂)].0.5CH₂Cl₂. *J. Chem. Soc., Dalton Trans.*, 2253, 1990.
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