

Peer Reviewed Publications

Shannen C. Lorraine, Mark A.W. Lawrence, Michael Celestine, Alvin A. Holder, Electrochemical response of a Ru(II) benzothiazolyl-2- pyridinecarbothioamide pincer towards carbon dioxide and transfer hydrogenation of aryl ketones in air, *J. Mol. Struct.*, 2020, 1222, 128829. DOI: 10.1016/j.molstruc.2020.128829

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Michael J. Celestine, Mark A. W. Lawrence, Nicholas K. Evaristo, Benjamin W. Legere, James K. Knarr, Olivier Schott, Vincent Picard, Jimmie L. Bullock, Garry S. Hanan, Colin D. McMillen, Craig A. Bayse, and Alvin A. Holder, N-substituted 2-pyridinecarbothioamides and Polypyridyl Mixed-ligand Cobalt(III)-Containing Complexes for Photocatalytic Hydrogen Generation, *Inorg. Chim. Acta*, 2020, 510, 119726. DOI: 10.1016/j.ica.2020.119726

Mohammed Bakir, Mark A.W. Lawrence, M.Bohari Yamin, Novel κ^2 -Nim,S- and κ^4 -C,Nim, $(\mu$ -S), $(\mu$ -S)-coordination of di-2-thienyl ketone thiosemicarbazone (dtkts). Hydrogen evolution and catalytic properties of palladacyclic $[Pd(\kappa^4$ -C,Nim, $(\mu$ -S), $(\mu$ -S)-dtkts-H₂)]₄, *Inorg. Chim. Acta*, 2020, 507, 119592. DOI: 10.1016/j.ica.2020.119592

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Mohammed Bakir, Mark A. W. Lawrence, and Rebecca R. Conry. X-ray crystallographic, spectroscopic and electrochemical properties of Group 12 metal-chlorides of di-2-pyridyl ketone acetic acid hydrazone [dpkaah]. *J. Coord. Chem.*, 2018, 71 (15), 2322-2339. DOI: 10.1080/00958972.2018.1471685

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2. Mark A. W. Lawrence, Jimmie L. Bullock, and Alvin A. Holder, Coordination chemistry of ruthenium in Ruthenium Complexes–Photochemical and Biomedical Applications, Ed. Alvin A. Holder, Jimmie L. Bullock Jr., Mark A. W. Lawrence, Wesley R. Browne, and Lothar Lilge. Wiley VC-H, 2018.

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