

Scientific Publications 1981 – 1990

1. **“Spectroscopic Properties and Redox Chemistry of the Phosphorescent Excited State of $\text{Pt}_2(\text{P}_2\text{O}_5)_4\text{H}_8^{4-}$ ”**, C.M. Che, L.G. Butler and H.B. Gray, *Journal of the American Chemical Society*, 1981, 103, 7796–97.
2. **“Structural and Mechanistic Studies of Co-ordination Compounds. Part 32. Different Photochemical Pathways of Some trans-Dihalogenobis(ethylenediamine)-ruthenium (III) Cations: Ligand-field versus Ligand-to-metal Charge-transfer Excited States”**, C.K. Poon, T.C. Lau and C.M. Che, *Journal of Chemical Society, Dalton Transaction*, 1982, 532–34.
3. **“Novel Luminescent Binuclear Gold(I) Isocyanide Complexes. Synthesis, Spectroscopy, and X-Ray Crystal Structure of $\text{Au}_2(\text{dmb})(\text{CN})_2$ (dmb = 1,8-diisocyano-*p*-menthane)”**, C.M. Che, W.T. Wong, T.F. Lai and H.L. Kwong, *Journal of Chemical Society, Chemical Communications*, 1989, 243–244.
4. **“Spectroscopy and X-Ray Crystal Structure of Luminescent $\text{Pt}_2(\text{dppm})_2(\text{CN})_4$ [dppm = bis(diphenylphosphino)methane]”**, C.M. Che, Vivian W.W. Yam, W.T. Wong and T.F. Lai, *Inorganic Chemistry*, 1989, 28, 2908–2910.

5. **“Spectroscopic Properties and Redox Chemistry of the Phosphorescent Excited State of $[\text{Au}_2(\text{dppm})_2](\text{ClO}_4)_2$ (dppm = bis(diphenylphosphino)methane)”**, C.M. Che, H.L. Kwong, Vivian W.W. Yam and K.C. Cho, *Journal of Chemical Society, Chemical Communication*, 1989, 885–886.
6. **“Novel Luminescent Platinum(II) Complexes. Photophysics and Photochemistry of $\text{Pt}(5,5' -\text{Me}_2\text{bpy})(\text{CN})_2$ (5,5'-Me₂bpy=5,5'-dimethyl-2,2'bipyridine)”**, C.M. Che, K.T. Wan, L.Y. He, C.K. Poon and Vivian W.W. Yam, *Journal of Chemical Society, Chemical Communications*, 1989, 943–944.
7. **“Electron Transfer Chemistry of the Luminescent Excited State of *trans*-Dioxoosmium(VI)”**, Vivian W.W. Yam and C.M. Che, *Journal of Chemical Society, Dalton Transactions*, 1990, 3741–3746.
8. **“Spectroscopy and Redox Properties of the Luminescent Excited State of $[\text{Au}_2(\text{dppm})_2]^{2+}$ (dppm = $\text{Ph}_2\text{PCH}_2\text{PPh}_2$)”**, C.M. Che, H.L. Kwong, C.K. Poon and Vivian W.W. Yam, *Journal of Chemical Society, Dalton Transaction*, 1990, 3215–3219.

9. **“Diphosphine Platinum(II) Photo-Oxidants. Synthesis and Photochemistry of Luminescent Diphosphine Platinum(II) Complexes of 5,6-Dimethyl-1,10-Phenanthroline”**, K.T. Wan and C.M. Che, *Journal of Chemical Society, Chemical Communications*, 1990, 140–142.
10. **“Novel Luminescent Polynuclear Gold(I) Phosphine Complexes, Synthesis, Spectroscopy, and X-Ray Crystal Structure of $[\text{Au}_3(\text{dmmp})_2]^{3+}$ (dmmp= bis(dimethyl-phosphinomethyl)methylphosphine)”**, Vivian W.W. Yam, T.F. Lai and C.M. Che, *Journal of Chemical Society, Dalton Transactions*, 1990, 3747–3752.