

Scientific Publications 1991 – 2000

1. "Luminescent and Coordinatively Unsaturated Heterobimetallic d₁₀-d₈ Complexes. Photoredox Properties and X-Ray Crystal Structure of [AuPt(μ -dppm)₂(CN)₂]⁺ (dppm= bis(diphenylphosphino)methane)", H.K. Yip, C.M. Che and S.M. Peng, *Journal of Chemical Society Chemical Communications*, 1991, 1626–1628.
2. "Metal-Metal Interaction in Polynuclear Ag(I) Complexes. Spectroscopy, Luminescent Properties and X-Ray Crystal Structure of [Ag₃(dppp)₂(CH₃CN)₂(ClO₄)₂]⁺ (dppp = bis(diphenylphosphino)phenylphosphine)", C.M. Che, H.K. Yip, Dan Li, S.M. Peng, G.H. Lee, Y.M. Wang and S.T. Liu, *Journal of Chemical Society Chemical Communications*, 1991, 1615-1617.
3. "Photoredox Properties of Luminescent Trinuclear Copper(I) Complexes with Bridging Phosphine Ligand and Crystal Structure of [Cu₃(dpmp)₂(CH₃CN)₂(μ -Cl)₂]ClO₄.[dpmp = Bis(diphenylphosphinomethyl)phenylphosphine]", Dan Li, H.K. Yip, C.M. Che, Z.Y. Zhou, Thomas C.W. Mak and S.T. Liu, *Journal of Chemical Society, Dalton Transactions*, 1992, 2445-2449.

4. "Photophysical Properties and X-ray Crystal Structure of a Luminescent Platinum(II) Dimer $[\text{Pt}_2(2,2':6,2''\text{-terpyridine})_2(\text{Gua})](\text{ClO}_4)_3 \cdot \text{H}_2\text{O}$ (Gua = guanidine anion)", H.K. Yip, C.M. Che, Z.Y. Zhou and Thomas C.W. Mak, *Journal of the Chemical Society Chemical Communications*, 1992, 1369-1371.
5. "Spectroscopy, Photophysical Properties and X-ray Crystal Structure of Luminescent Diplatinum(I) Complexes of Bis(diphenylphosphino)methane", H.K. Yip, C.M. Che and S.M. Peng, *Journal of Chemical Society, Dalton Transactions*, 1993, 179-187.
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7. "Luminescent Three-coordinated Dinuclear Copper(I) Complexes of Bis(diphenyl-phosphino)methane. Photophysical Properties and Crystal Structure", Dan Li, C.M. Che, W.T. Wong, S.J. Shieh and S.M. Peng, *Journal of Chemical Society, Dalton Transaction*, 1993, 653-654.

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9. “A Luminescent Tetrameric Zinc(II) Complex containing the 7-Azaindolate Ligand. Photophysical Properties and Crystal Structure”, C.F. Lee, K.F. Chin, S.M. Peng and C.M. Che, *Journal of Chemical Society, Dalton Transactions*, 1993, 467-470.
10. “Synthesis, Photophysical Properties and Crystal Structure of a Luminescent Binuclear Three-Coordinated Gold(I) Complex without Metal-Metal Interaction”, S.J. Shieh, Dan Li, S.M. Peng and C.M. Che, *Journal of Chemical Society, Dalton Transactions*, 1993, 195-196.
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13. “Electronic Structure and Spectroscopy of Luminescent Heterobimetallic Pt(II)-Rh(I), Au(I)-Rh(I), and Ag(I)-Rh(I) Complexes”, H.K. Yip, H.M. Lin, Y. Wang and C.M. Che, *Inorganic Chemistry*, 1993, 32, 3402-3407.
14. “Luminescent Gold(I) Acetylide Complexes. Photophysical and Photoredox Properties and Crystal Structure of $[Au(C\equiv CPh)]_2(\mu\text{-}Ph_2PCH_2CH_2PPh_2)$ ”, Dan Li, X. Hong, C.M. Che, W.C. Lo and S.M. Peng, *Journal of Chemical Society, Dalton Transactions*, 1993, 2929-2932.
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