Scientific Publications 2004

- "Light-Emitting Tridentate Cyclometalated Platinum(II) Complexes Containing σ-Alkynyl Auxiliaries: Tuning of Photo- and Electrophosphorescence", W. Lu, B.X. Mi, Michael C.W. Chan, Z. Hui, C.M. Che, N. Zhu and S.T. Lee, Journal of the American Chemical Society, 2004, 126, 4958–4971.
- 2. "Structural and Spectroscopic Studies on Pt…Pt and $\pi-\pi$ Interactions in Luminescent Multinuclear Cyclometalated Platinum(II) Homologues Tethered by Oligophosphine Auxiliaries", W. Lu, Michael C.W. Chan, N. Zhu, C.M. Che, C. Li and Z. Hui, Journal of the American Chemical Society, 2004, 126, 7639–7651.
- 3. "Cuprophilic Interactions in Luminescent Copper(I) Clusters with Bridging Bis(dicyclohexylphosphino)methane and Iodide Ligands: Spectroscopic and Structural Investigations", W.F. Fu, X. Gan, C.M. Che, Q.Y. Cao, Z.Y. Zhou and N.Y. Zhu, Chemistry-A European Journal, 2004, 10, 2228–2236.
- 4. "A Blue Photoluminescent 2-D Coordination Polymer Constructed by Dinuclear Zinc(II) Subunits [Zn2(oz)2] [Hoz = 2-(2-Hydroxyphenyl)-2-oxazoline] and Dicyanamide", J. Zhang, S. Gao and C.M. Che, European Journal of Inorganic Chemistry, 2004, 956–959.

- 5. "Tetradentate Schiff Base Platinum(II) Complexes as New Class of Phosphorescent Materials for High-Efficiency and White-Light Electroluminescent Devices", C.M. Che, S.C. Chan, H.F. Xiang, Michael C.W. Chan, Y. Liu and Y. Wang, *Chemical Communications*, 2004, 1484–1485.
- 6. "Luminescent Cyclometalated Diimine Platinum(II) Complexes: Photophysical Studies and Applications", S.W. Lai and C.M. Che, *Topics in Current Chemistry*, 2004, 241, 27–63.
- 7. "Self-aggregated phosphorescent platinum(II) polymeric material from modified poly(4-vinylpyridine)", C.C. Kwok, S.C. Yu, Iona H.T. Sham and C.M. Che, *Chemical Communications*, 2004, 2512–2513.
- 8. "Self-assembled zinc(II) Schiff base polymers for applications in polymer lightemitting devices", C.C. Kwok, S.C. Yu, Iona H.T. Sham and C.M. Che, *Chemical Communications*, 2004, 2758–2759.