

Yang Yu-Ying

155 Yangqiao Road West, Fuzhou, 350002, P. R. China Tel: +86-13067118760 E-mail: yangfiveyv@gmail.com

EDUCATION

University of Chinese Academy of Sciences

Beijing, China

Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences Fuzhou, China

Ph.D. in Organic Chemistry.

June 2020

RESEARCH EXPERIENCE

Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences

research assistant

July 2020-July 2021

PUBLICATION

- **Yang, Y.-Y.**; Zhu, X.-Q.; Hu, S.-M.; Su, S.-D.; Zhang, L.-T.; Wen, Y.-H.; Wu, X.-T.; Sheng, T.-L.*, Different Degrees of Electron Delocalization in Mixed Valence Ru-Ru-Ru Compounds by Cyanido-/Isocyanido-Bridge Isomerism. *Angew. Chem. Int. Ed.* **2018**, 57, 14046-14050.
- **Yang, Y.-Y.**; Zhu, X.-Q.; Launay, J.-P.; Hong, C.-B.; Su, S.-D.; Wen, Y.-H.; Wu, X.-T.; Sheng, T.-L.*; Electron Transfer Process in Mixed Valence Compounds with Low - lying Energy Bridge in Different Oxidation States. *Angew. Chem. Int. Ed.* **2021**, 60, 4804-4814.
- **Yang, Y.-Y.**; Zhu, X.-Q.; Launay, J.-P.; Hong, C.-B.; Su, S.-D.; Wen, Y.-H.; Wu, X.-T.; Sheng, T.-L.*; An Investigation of the Electron Transfer Process in Trimetallic Cyanido-Bridge Mixed Valence System. (in preparation).
Zhu, X.-Q.; Su, S.-D.; Wen, Y.-H.; Zhang, L.-T.; **Yang, Y.-Y.**; Wu, X.-T.; Sheng, T.-L.*; Redox-induced switch between luminescence and magnetism in a trinuclear cyanide-bridged compound. *Dalton Trans.* **2018**, 47 (30), 9985-9988.
- Cheng, F.; Fu, R.-B.*; Wen, Y.-H.; **Yang, Y.-Y.**; Zeng, C.; Zhang, Y.-X.; Hu, S.-M.; Wu, X.-T., A new Cd based metal-organic framework for quick and convenient detection of trace water in isopropanol and 1, 4-dioxane. *J. Mater. Chem. C* **2018**, 6, 12341-12346.
- Zhang, L.-T.; Zhu, X.-Q.; Su, S.-D.; **Yang, Y.-Y.**; Hu, S.-M.; Wen, Y.-H.; Wu, X.-T.; Sheng, T. L.*; Influence of the Substitution of the Ligand on MM' CT Properties of Mixed Valence Heterometallic Cyanido-Bridged Ru-Fe Complexes. *Crystal Growth & Design* **2018**, 18 (6), 3674-3682.
- Li, S.-H.; Liu, Y.; **Yang, Y.-Y.**; Zhang, Y.-X.; Xu, Q.-D.; Hu, S.-M.; Wu, X.-T.; Sheng, T. L.*; Syntheses, crystal structures and MMCT properties of cyanide-bridged binuclear Ru-Fe complexes. *Polyhedron* **2019**, 173, 114109.
- Zhang, L.-T.; Zhu, X.-Q.; Hu, S.-M.; Zhang, Y.-X.; Su, S.-D.; **Yang, Y.-Y.**; Wu, X.-T.; Sheng, T. L.*; Influence of ligand substitution at the donor and acceptor center on MMCT in a cyanide-bridged mixed-valence system. *Dalton Trans.* **2019**, 48, 7809-7816
- Su, S.-D.; Zhu, X.-Q.; Zhang, L.-T.; **Yang, Y.-Y.**; Wen, Y.-H.; Wu, X.-T.; Yang, S.-Q.; Sheng, T. L.*; MMCT excited state of localized mixed valence Cyanido-Bridged Ru II-Ru² III, III-Ru II complex. *Dalton Trans.* **2019**, 48, 9303.
- Su, S.-D.; Zhu, X.-Q.; Wen, Y.-H.; Zhang, L.-T.; **Yang, Y.-Y.**; Lin, C.-S.*; Wu, X.-T.; Sheng, T. L.*; A Diruthenium - Based Mixed Spin Complex Ru₂⁵⁺(S= 1/2)-CN-Ru₂⁵⁺(S= 3/2). *Angew. Chem. Int. Ed.* **2019**, 58, 15344-15348.
- Su, S.-D.; Zhu, X.-Q.; Zhang, L.-T.; **Yang, Y.-Y.**; Wen, Y.-H.; Wu, X.-T.; Yang, S.-Q.; Sheng, T.-L.*; The MMCT excited state of a localized mixed valence cyanido-bridged Ru II-Ru III, III₂-Ru II complex. *Dalton Trans.* **2019**, 48, 9303-9309.
- Wen, Y.; Liu, Q.; Su, S.; **Yang, Y.-Y.**; Li, X.; Zhu, Q.-L.*; Wu, X.-T.*; Coordination tailoring of water-

labile 3D MOFs to fabricate ultrathin 2D MOF nanosheets. *Nanoscale*, **2020**, 12, 12767-12772.

