



中山大学化学学院 > 师资队伍 > 赵修毅

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## 赵修毅

化学系 副教授

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### 基本情况

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副教授，硕士生导师

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### 教育经历

学士(1993)：辅仁大学化学系

硕士(1995)：台湾大学化学系

博士(2001): 香港大学化学

## 工作经历

1996.12-1997.4 香港大学化学系, 研究助理;

2002.1-2003.11 香港大学化学系, 博士后研究员;

2004.1-2004.12 美国加州大学柏克莱分校化学系, 博士后研究员;

2005.3-2005.12 中山大学化学与化学工程学院, 百人计划引进人才(第三层次);

2006.1-现今 中山大学化学与化学工程学院, 副教授。

## 讲授课程

本科生: 《无机化学》、《无机化学实验》、《超分子化学》。

研究生: 《专业英语》。

## 科研方向

无机和金属有机光物理、超分子化学。

## 科研项目

1. 铜炔基配合物作为阴离子传感器的合成与识别传感研究 (广东省自然科学基金, 编号07003700) 。
2. 金属炔基配合物作为阴离子荧光受体的设计合成与识别传感研究 (国家自然科学基金, 编号20671097) 。

## 获奖情况

暂无资料

## 论著一览

1. "Useful Chinese Chemical Terms for the Non-native Scientific Collaborator or Colleague" . **Hsiu-Yi Chao** and David G. Churchill\*, **J. Chem. Edu.** Accepted.
2. "Dinuclear Neodymium(III) Complex of Cationic {12[ane]HN4(CH2C□CH)4}<sup>+</sup> with Sensitized Nnear-Infrared Luminescence by Ion-Association Sensitizer" . Hai-Bing Xu\* and **Hsiu-Yi Chao**, **Inorg. Chem. Commun.** 2007, 10, 1129-1131.

3. "Organic Triplet Emissions of Arylacetylide Moieties Harnessed through Coordination to [Au(PCy3)]<sup>+</sup>. Effect of Molecular Structure upon Photoluminescent Properties" . **Hsiu-Yi Chao**, Wei Lu, Yanqin Li, Michael C. W. Chan, Chi-Ming Che,\* Kung-Kai Cheung, and Nianyong Zhu, **J. Am. Chem. Soc.**, 2002, 124, 14696-14706.
4. "Luminescent  $\pi$ -Ethynediyl and  $\pi$ -Butadiynediyl Binuclear Gold(I) Complexes: Observation of 3( $\pi\pi\pi$ ) Emissions from Bridging Cn2 $\pi$  Units" . Chi-Ming Che,\* **Hsiu-Yi Chao**, Vincent M. Miskowski, Yanqin Li, and Kung-Kai Cheung, **J. Am. Chem. Soc.**, 2001, 123, 4985-4991.
5. "3[(dx<sup>2</sup>-y<sup>2</sup>, dxy)(pz)] Excited States of Binuclear Copper(I) Phosphine Complexes: Effect of Copper-Ligand and Copper-Copper Interactions on Excited State Properties and Photocatalytic Reductions of the 4,4'-Dimethyl-2,2'-Bipyridinium Ion in Alcohols" . Zhong Mao, **Hsiu-Yi Chao**, Zheng Hui, Chi-Ming Che,\* Wen-Fu Fu, Kung-Kai Cheung, and Nianyong Zhu, **Chem. Eur. J.**, 2003, 9, 2885-2894.
6. "A Luminescent Supramolecule with Gold(I) Quinoline-8-thiolate: Crystal Structure, Spectroscopic and Photophysical Properties" . Biing-Chiau Tzeng,\* Hsien-Te Yeh, Yung-Chi Huang, **Hsiu-Yi Chao**, Gene-Hsiang Lee, and Shie-Ming Peng, **Inorg. Chem.**, 2003, 42, 6008-6014.
7. "Structure and Spectroscopic Properties of Luminescent Cyclometalated Platinum(II) Complexes with Chiral Phosphine Substituted Carbohydrate Ligands" . Ji-Cheng Shi, **Hsiu-Yi Chao**, Wen-Fu Fu, Shie-Ming Peng, and Chi-Ming Che,\* **J. Chem. Soc., Dalton Trans.**, 2000, 3128-3132.
8. "High Luminescence Gold(I) and Copper(I) Complexes with a Triplet Excited State for Use in Light-Emitting Diodes" . Yuguang Ma,\* Chi-Ming Che, **Hsiu-Yi Chao**, Xuemei Zhou, Wing-Han Chan, and Jiacong Shen, **Adv. Mater.**, 1999, 11, 852-857.
9. "Triplet Luminescent Dinuclear-Gold(I) Complex-based Light-Emitting Diodes with Low Turn-on Voltage" . Yuguang Ma,\* Xuemei Zhou, Jiacong Shen, **Hsiu-Yi Chao**, and Chi-Ming

Che,\* **Appl. Phys. Lett.**, 1999, 74, 1361-1363.

10. "Structures and Photoluminescence of Dinuclear Platinum(II) and Palladium(II) Complexes with Bridging Thiolates and 2,2'-Bipyridine or 2,2':6',2''-Terpyridine Ligands" . Biing-Chiau Tzeng, Wen-Fu Fu, Chi-Ming Che,\* **Hsiu-Yi Chao**, Kung-Kai Cheung, and Shie-Ming Peng, **J. Chem. Soc.**, Dalton Trans., 1999, 1017-1023.

11. "A Blue Electroluminescent Molecular Device from a Tetranuclear Zinc(II) Compound [Zn<sub>4</sub>O(AID)<sub>6</sub>] (AID = 7-azaindolate)" . Yuguang Ma, **Hsiu-Yi Chao**, Ying Wu, S. T. Lee, Wing-Yiu Yu, and Chi-Ming Che,\* **Chem. Commun.**, 1998, 2491-2492.

## 相关成果

暂无资料