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主要研究方向

1. 生物成像材料
2. 生物信息材料与分子影像
3. 化学和生物荧光探针
4. 精细有机合成

社会兼职

《功能材料》通讯编委

主要学术成果

1. Li Y., He S., Lu Y., Wei F., **Zeng X.**, Novel Hemicyanine Dye as Colorimetric and Fluorometric Dual-modal Chemosensor for Mercury in Water, *Org. Biomol. Chem.* **2011**, *9*, 2606-2609, (SCI IF: 3.762)
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3. Ren Y., Li C., Lu Y., Wang X., **Zeng X.** Aggregates of cholic acid and benzylamine as templates for the formation of hollow silica spheres, *J. Mater. Sci.* **2010**, *45*, 6830-6833 (SCI IF: 1.471; IDS 号: 704RJ)
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6. 曾宪顺, 刘磊. 一种具有核-壳结构的有机分子探针材料及其制备方法, 发明专利公开号 CN101602942A
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9. Liu L., Li X., Hou S., Xue Y., Yao Y., Ma Y., Feng X., He S., Lu Y., Wang Y., **Zeng X.** Nanoparticles from Block Copolymer Encapsulating Re(phen) complexes as Bifunctional Agents for Cell Imaging and Gene Transfection, *Chem. Commun.* **2009**, 6759-6761. (SCI IF: 5.504; IDS 号: 515XR)
10. Over O., Douziche B., de Lalande A., **Zeng X.**, Parisel O., Le Mest Y., Reinaud O. Replacement of a nitrogen by a phosphorous donor in biomimetic copper complexes: a surprising but informative case study with calix[6]arene-based cryptands, *Inorg. Chem.* **2009**, *48*, 4317-4330, (SCI IF:4.657; IDS 号: 445JE)
11. Rothe C., Chiang C.-J., Jankus V., Abdullah K., **Zeng X.**, Jitchati R., Batsanov A. S., Bryce M. R., Monkman A. P. Ionic Iridium(III) Complexes with Bulky Side Groups for Use in Light Emitting Cells (LECs) Reduction of Concentration Quenching, *Adv. Funct. Mater.* **2009**, *19*, 2038-2044. (SCI IF: 6.99; IDS 号: 474QA)
12. **Zeng X.**, Tavasli M., Perepichka I. F., Batsanov A. S., Bryce M. R., Chiang C.-J., Rothe C., Monkman A. P., Cationic Bis-cyclometalated Iridium(III) Phenanthroline Complexes with Pendant Fluorenyl Substituents: Synthesis, Redox, Photophysical Properties and Light-Emitting Cells, *Chem. Eur. J.* **2008**, *14*, 933-943. (SCI IF: 5.382; IDS 号: 255FO)

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