

影像科学与光化学

(Yingxiang Kexue yu Guanghuaxue)

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封面说明: 全息存储技术是利用光的干涉原理在记录介质中以全息光栅的形式存储信息,利用光的衍射原理将信息再现出来。本文通过引入噻吩环合成出了一种新型感绿光敏剂 PRZA,在光致聚合物材料中表现出极佳的敏化引发聚合效率,用其所制备的双固化型全息记录样片拥有高灵敏度和高衍射效率,在全息记录领域具有很好的应用前景。见本期论文(王震,张荻琴,赵宇,张云龙,赵榆霞。用于全息存储的新型感绿光敏剂的制备及其性能研究):P211-P218。

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