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## **ACCEPTED MANUSCRIPT**

# Synthesis of Grafted Poly(p-phenyleneethynylene) via ARGET ATRP: Towards Nonaggregating and Photoluminescence Materials

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Enhanced photoluminescence compared to nongrafted PPE and similar PPV systems

Physical properties resemble that of the grafted sidechains, including adhesive and solubility profile.

#### **ABSTRACT**

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