

Aggregation-Enhanced Emissions of Intramolecular Excimers in Disubstituted Polyacetylenes

Anjun Qin,^{†,‡} Cathy K. W. Jim,[†] Youhong Tang,[§] Jacky W. Y. Lam,[†] Jianzhao Liu,[†] Faisal Mahtab,[†] Ping

Gao,[§] and Ben Zhong Tang^{*,†,‡}

[†]Department of Chemistry, [§]Department of Chemical Engineering, The Hong Kong University of Science & Technology, Clear Water Bay, Kowloon, Hong Kong, China, and [‡]Department of Polymer Science and Engineering, Zhejiang University, Hangzhou 310027, China

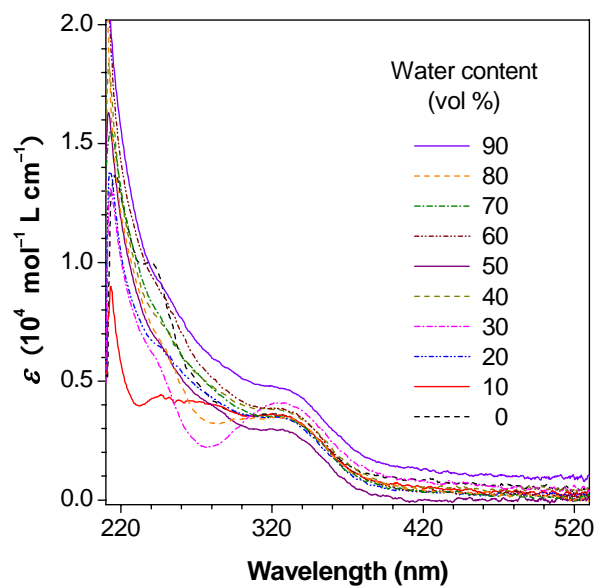


Figure S1. UV-vis absorption spectra of PPO in THF/water mixtures.

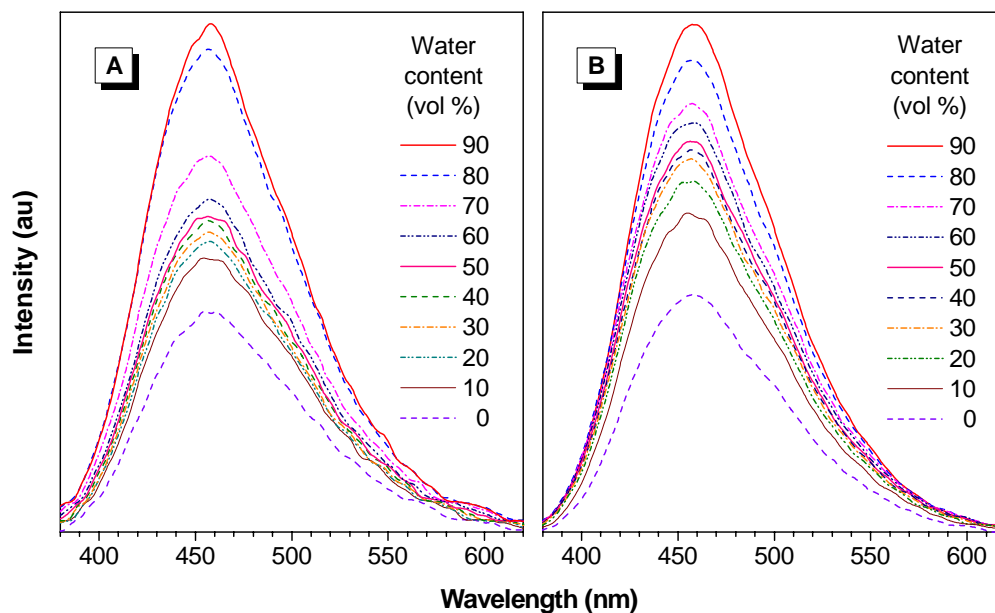


Figure S2. PL spectra of (A) PPU2 and (B) PPU3 in THF/water mixtures. Polymer concentration: 10^{-5} M; excitation wavelength: (A) 330, (B) 348 nm.

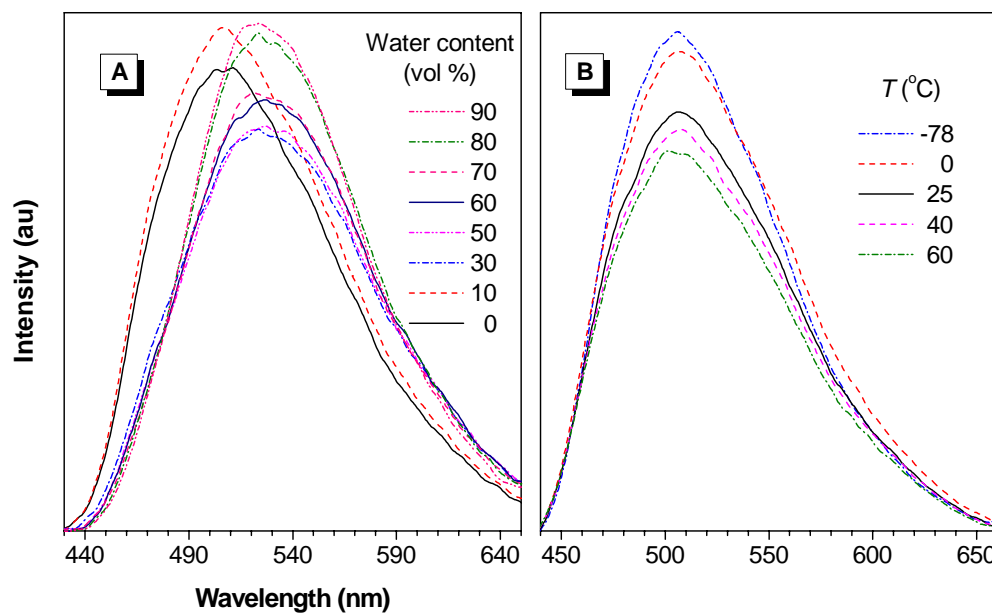


Figure S3. PL spectra of PDPA2 (A) in THF/water mixtures at room temperature and (B) in THF at different temperatures. Polymer concentration: 10^{-5} M; excitation wavelength: 342 nm.