

Photochromic Langmuir-Blodgett Films Based on Polyoxomolybdate and Gemini Amphiphiles

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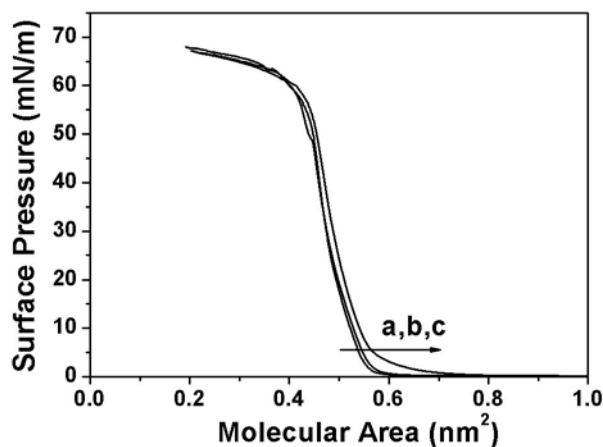


Figure S1. π -A isotherms of gemini amphiphiles (a) BisBC18N1, (b) BisBC18N2, (c) BisBC18N3 on the subphase of pure water.

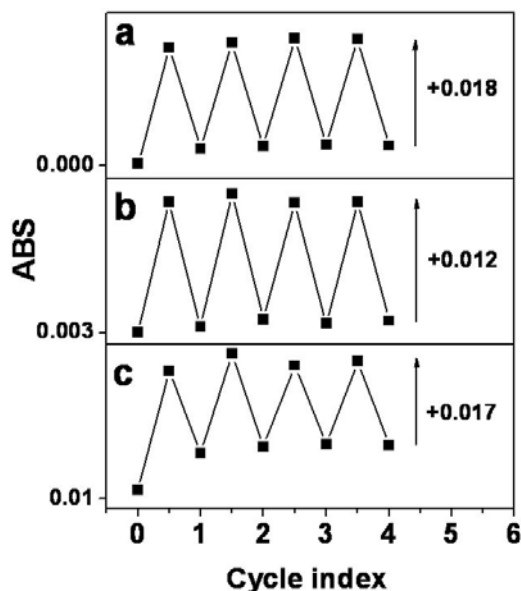


Figure S2. The coloration-decolouration cycles of the films (a) BisBC18N1/PMo₁₂, (b) BisBC18N2/PMo₁₂, (c) BisBC18N3/PMo₁₂ at 700 nm.

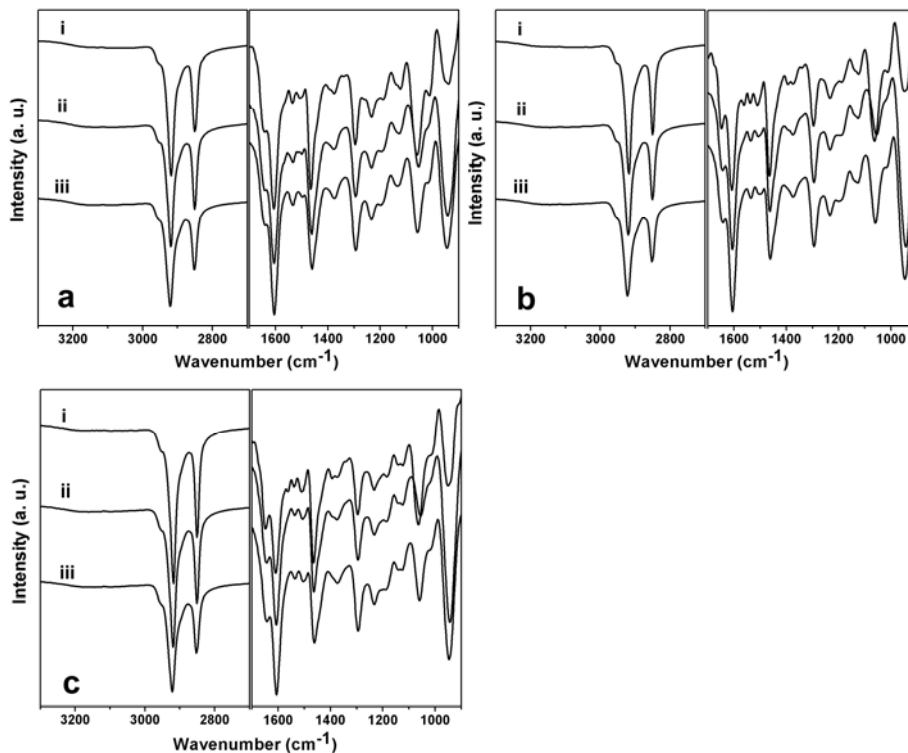


Figure S3. FT-IR spectra of (a) BisBC18N1/PMo₁₂, (b) BisBC18N2/PMo₁₂ and (c) BisBC18N3/PMo₁₂ multilayer film. The curves i, ii and iii are the spectra of the corresponding film before irradiation, after irradiation and after heating, respectively.