

Supporting Information

Luminescent Polymer Composite Films Containing Coal-Derived Graphene

Quantum Dots

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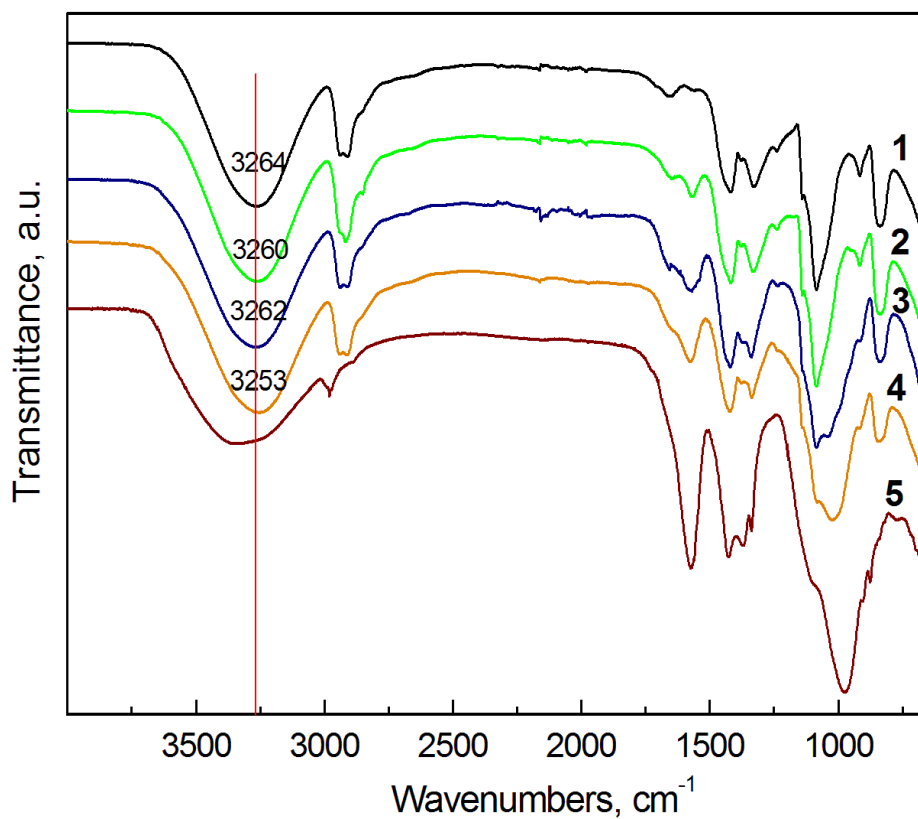


Figure S1. FT-IR spectra for the (1) neat PVA; PVA/GQD nanocomposites with (2) 3 wt%; (3) 15 wt%; and (4) 20 wt% GQD content; and (5) GQDs



Figure S2. Photograph demonstrating fluorescence emitted by a dilute aqueous solution of GQDs (0.125 mg/mL) under UV light

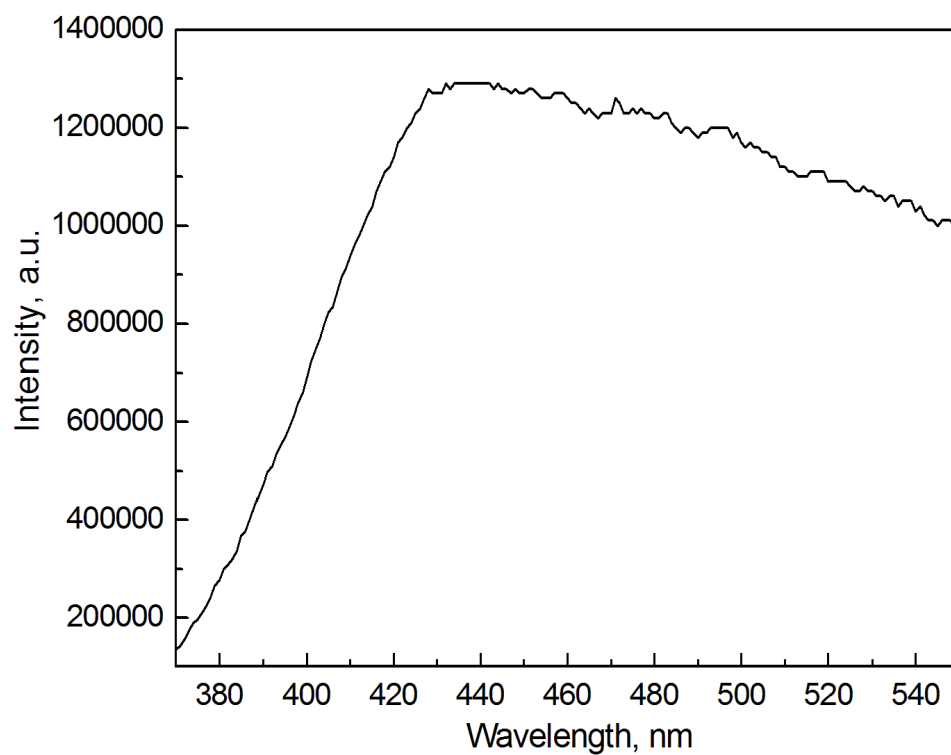


Figure S3. Photoluminescence spectrum of a dilute aqueous solution of GQDs (0.125 mg/mL)



Figure S4. Photograph showing PVA/5 wt% GQD film in a dark room without UV illumination.

Nothing can be seen.