

Supporting Information

Photocatalytically-Reduced Graphite Oxide Electrode for Electrochemical Capacitors

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- 1. Raman spectra of the GO, irr-GO4, and irr-GO8 specimens**
- 2. Ragone plots for the cells assembled with irr-GO specimens of 2–10 h light irradiation**

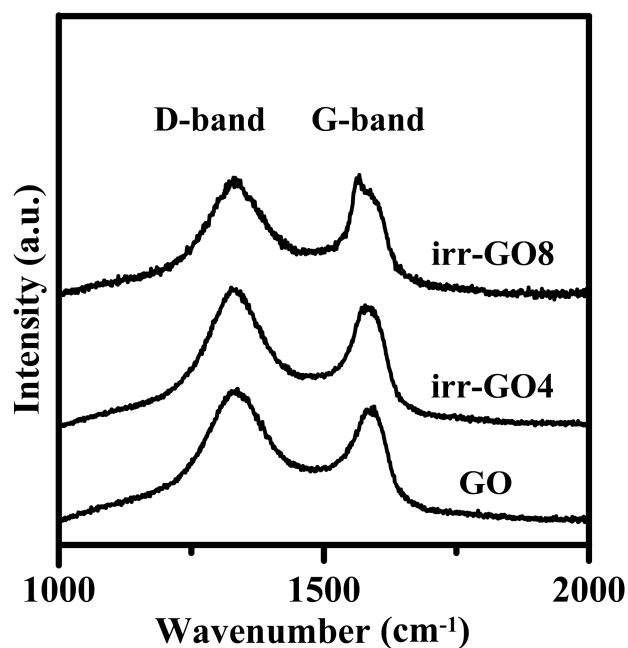


Figure S1. Raman spectra of the GO, irr-GO4, and irr-GO8 specimens. All the specimens show well-defined D- and G-band peaks in the spectra. The intensity ratios of the D- to G-band of the GO, irr-GO4, and irr-GO8 specimens were 1.11, 1.08, and 0.99, respectively, indicating that the irradiation results in oxygen removal and formation of sp^2 orbitals on the basal plane.

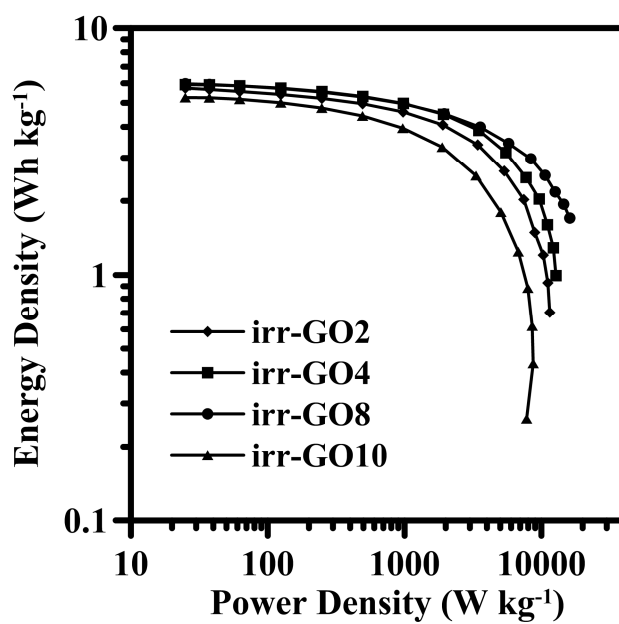


Figure S2. Ragone plots of the symmetric cells assembled with irr-GO specimens from 2–10 h light irradiation. The electrochemical measurements were conducted in 2 M H₂SO₄ with a potential window of 1 V.