Aloe-vera assisted facile green synthesis of reduced graphene oxide for improved electrochemical and dye removal applications

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Electronic Supplementary Information (EIS) available
Fig. S1. TEM images of GO (top left) and rGO-7.5 samples (bottom left). The corresponding SAED patterns are represented in the right side.
Fig. S2. Adsorption capacity of Methylene blue over GO and rGO-7.5.
**Fig. S3.** Plot of log \((q_{e/\text{expt}}-q_e)\) vs. time for adsorption of MB over (a) GO (b) rGO-7.5.
Fig. S4. Plot of $q_t$ vs. $t^{1/2}$ for adsorption of MB over GO and rGO-7.5.
**Fig. S5.** Plot of $B_t$ vs. $t$ for adsorption of MB over GO and rGO-7.5.