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Abstract

Flexible solid-state supercapacitor (FSSC) holds great promise as power source to supply the next generation portable and wearable electronics. Assembling asymmetric supercapacitor constructed with broadening cell voltage (*V*) is the promising way to increase the energy density. However, the imparity reaction kinetics between EDLC and pseudocapacitive materials will further leading to inferior power density. Hence, to pursue higher working voltage and energy density, a hybrid configuration of cobalt hexacyanoferrate/reduced graphene oxide hydrogels (PB-Co/rGOH) is prepared through a one-pot hydrothermal method. With highly interconnected 3D network

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