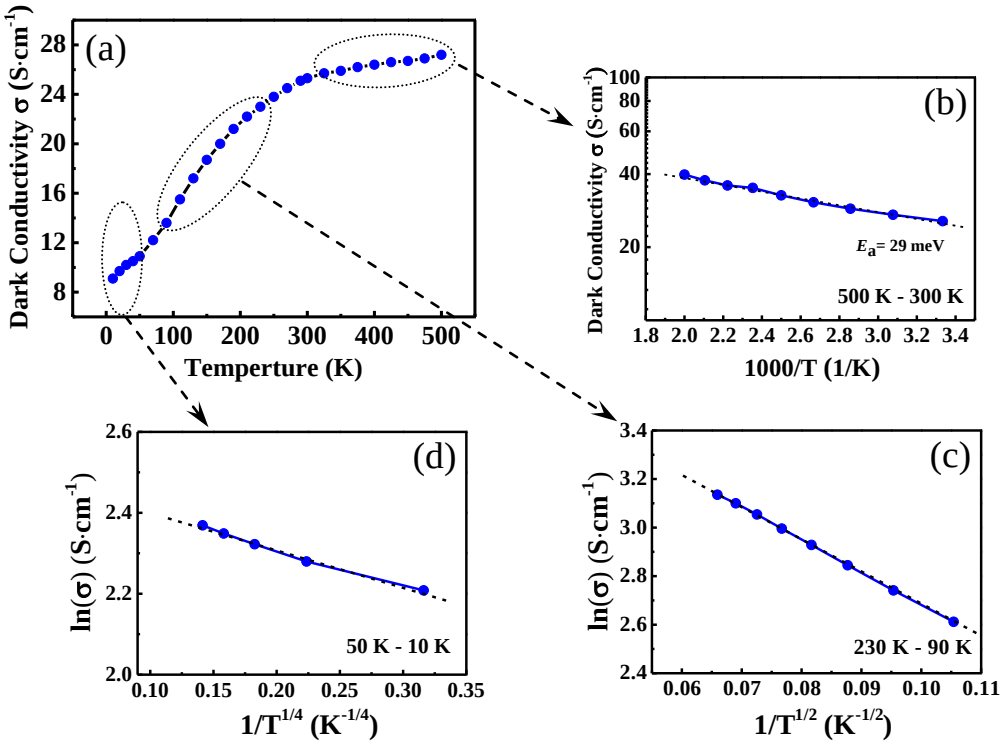

Figure 1(a) Temperature-dependent conductivity of Ge NCs film; and (b) The Arrhenius plot of temperature-dependent conductivity of Ge NCs film in the temperature region of 300–500 K; and (c) The $\ln\sigma$ plotted as a function of $T^{-1/2}$ of Ge NCs film in the temperature region of 90–230 K; and (d) The $\ln\sigma$ plotted as a function of $T^{-1/4}$ of Ge NCs film in the the temperature region of 10–50 K.

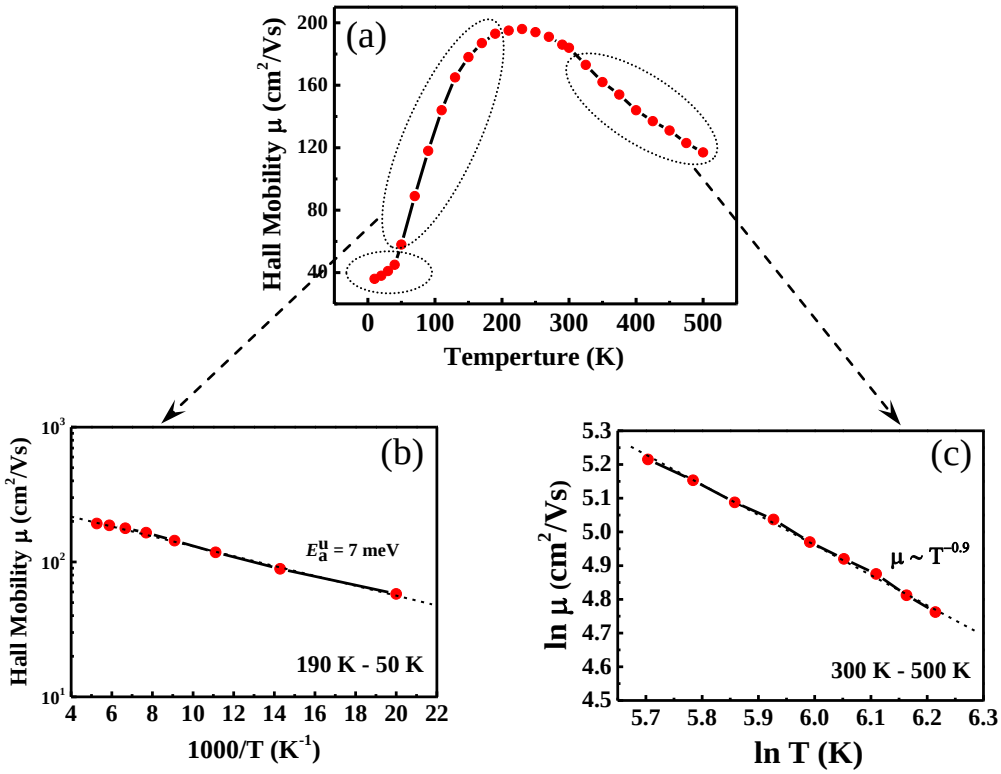

Figure 2(a) Temperature-dependent Hall mobility of Ge NCs film; and (b) The Arrhenius plot of temperature-dependent Hall mobility of Ge NCs film in the temperature region of 50–190 K; and (c) The Hall mobility as a function of temperature for the Ge NCs film in the temperature region of 300–500 K. The lines represent least-squares fits to $\mu \propto T^{-n}$.