

Supporting Information

Enhanced Thermoelectric Properties of PEDOT:PSS Nanofilms by Chemical Dedoping Process

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AFM images of PEDOT:PSS Nanofilms after post-treatment

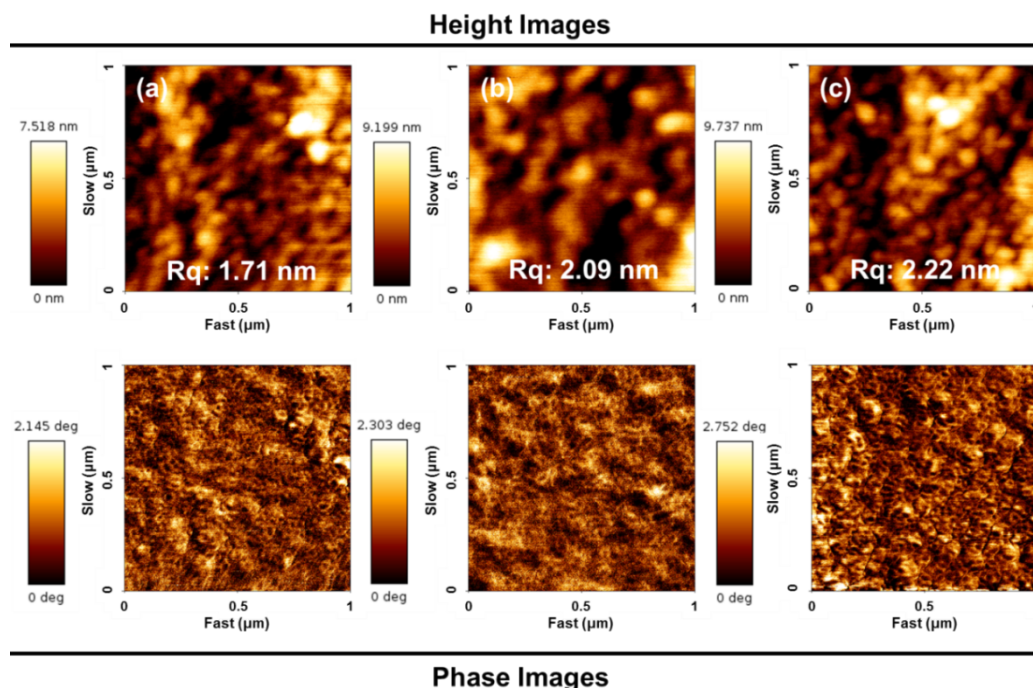


Figure S1. AFM images of PEDOT:PSS nanofilms: (a) pristine, (b) DMSO-treated, and (c) treated with a mixture of DMSO/HZ. All images captured an area of $1 \times 1 \mu\text{m}^2$.

Change of carrier concentration and carrier mobility as a result of the dedoping process.

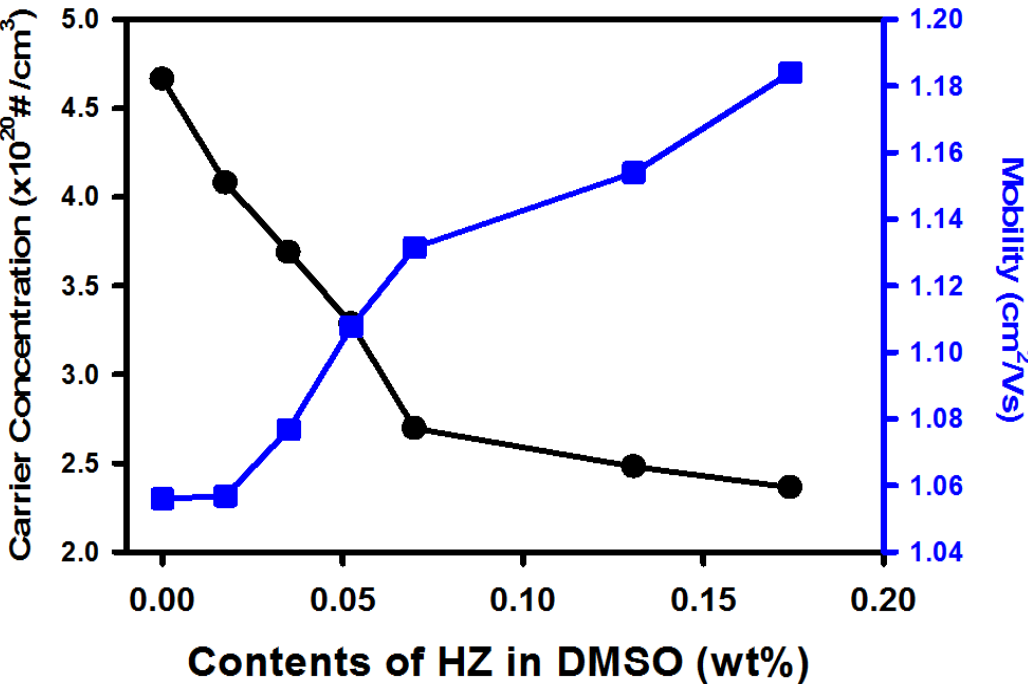


Figure S2. Carrier concentration and carrier mobility of PEDOT:PSS nanofilms after various post-treatment with different ratios of DMSO/HZ mixture solutions. The concentration and mobility were obtained by Hall-effect measurement.