Enhanced organic solar cell performance: Multiple surface plasmon resonance and incorporation of silver nanodisks into a grating-structure electrode

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Figure S2 | AFM images of (a) the bare PEDOT:PSS film, PEDOT:PSS film incorporated with (b) Au NPs, (c) Ag NSs, (d) Ag NDs-30, (e) Ag NDs-40, (f) Ag NDs-50, and (g) Ag NDs-70.
Figure S3 | AFM images of (a) the bare active layer, (b) grating-imprinted active layer, and grating-imprinted active layers on PEDOT:PSS films blended with (c) Ag NPs, (d) Ag NSs, (e) Ag NDs-30, (f) Ag NDs-40, (g) Ag NDs-50, and (h) Ag NDs-70.
Figure S4 | IPCE spectra of the devices incorporated (a) with different sizes of Ag NDs in the PEDOT:PSS layer and (b) with different sizes of Ag NDs incorporated into the PEDOT:PSS layer and grating-imprinted pattern on a top Al electrode.

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