## **Supplementary Information**

## Realization of efficient light out-coupling in organic light-emitting diodes with surface carbon-coated magnetic alloy nanoparticles

Qingchen Dong,\*<sup>a</sup> Feifei Tai,<sup>a</sup> Hong Lian,<sup>a</sup> Bo Zhao, <sup>a</sup> Zheng Zhong,<sup>a</sup> Zheng Chen,<sup>a</sup> Jianxin Tang,\*<sup>b</sup> Furong Zhu\*<sup>ac</sup>

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<sup>a.</sup> MOE Key Laboratory of Interface Science and Engineering in Advanced Materials and Research Center of Advanced Materials Science and

Technology, Taiyuan University of Technology, 79 Yingze West Street, Taiyuan 030024, P.R. China. E-mail: dongqingchen@tyut.edu.cn (Q. Dong).

<sup>&</sup>lt;sup>b.</sup> Jiangsu Key Laboratory for Carbon-Based Functional Materials and Devices, Institute of Functional Nano and Soft Material (FUNSOM), Soochow University, Suzhou, 215123, P. R. China. E-mail: jxtang@suda.edu.cn.

<sup>&</sup>lt;sup>c</sup> Department of Physics and Institute of Advanced Materials, Hong Kong Baptist University, 224 Waterloo Road, Kowloon Tong, Hong Kong, P.R. China. E-mail: frzhu@hkbu.edu.hk.



Fig. S1 SEM image showing the top-view of pristine PEDOT:PSS thin film formed on ITO/glass.



**Fig. S2** SEM image showing the top-view of a hybrid PEDOT:PSS/CoPt NPs thin film formed on ITO/glass.