

Supporting Information for

Novel Co₃O₄ Nanoparticles/Nitrogen-Doped Carbon Composites with Extraordinary Catalytic Activity for Oxygen Evolution Reaction (OER)

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Figures and Tables

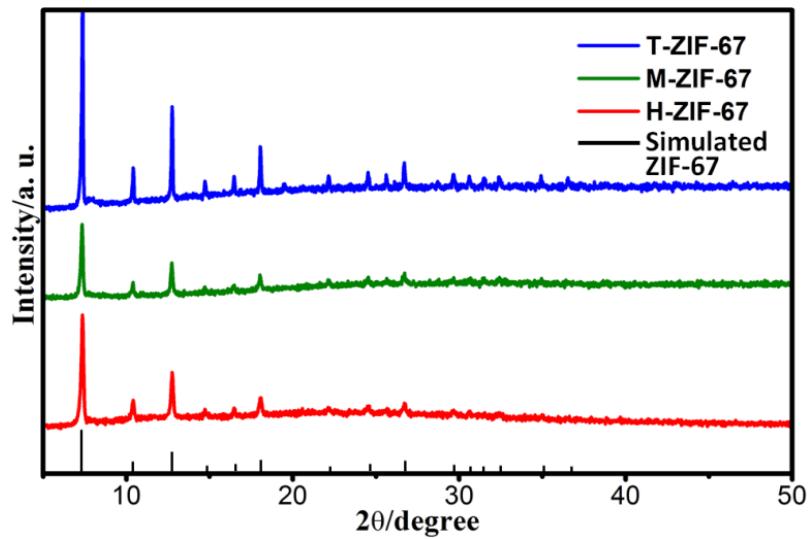


Fig. S1 PXRD patterns of M-ZIF-67, H-ZIF-67, and T-ZIF-67

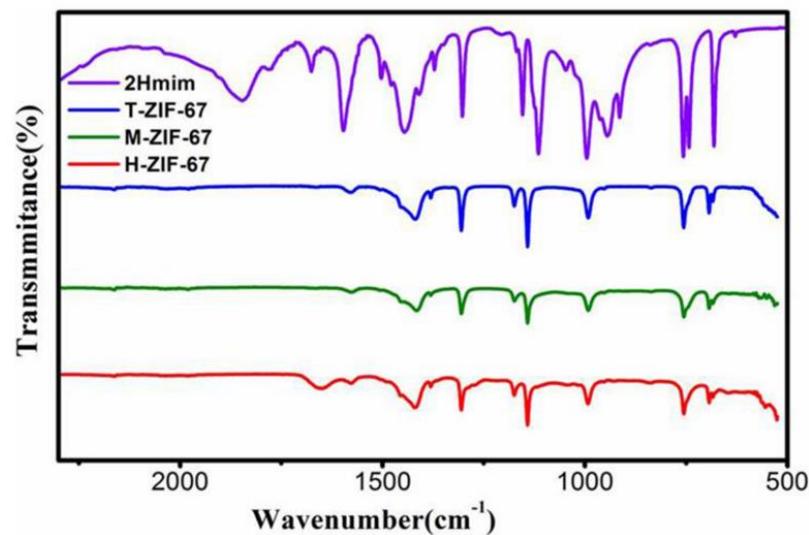


Fig. S2 FTIR spectrum of 2-Hmim, M-ZIF-67, H-ZIF-67, and T-ZIF-67

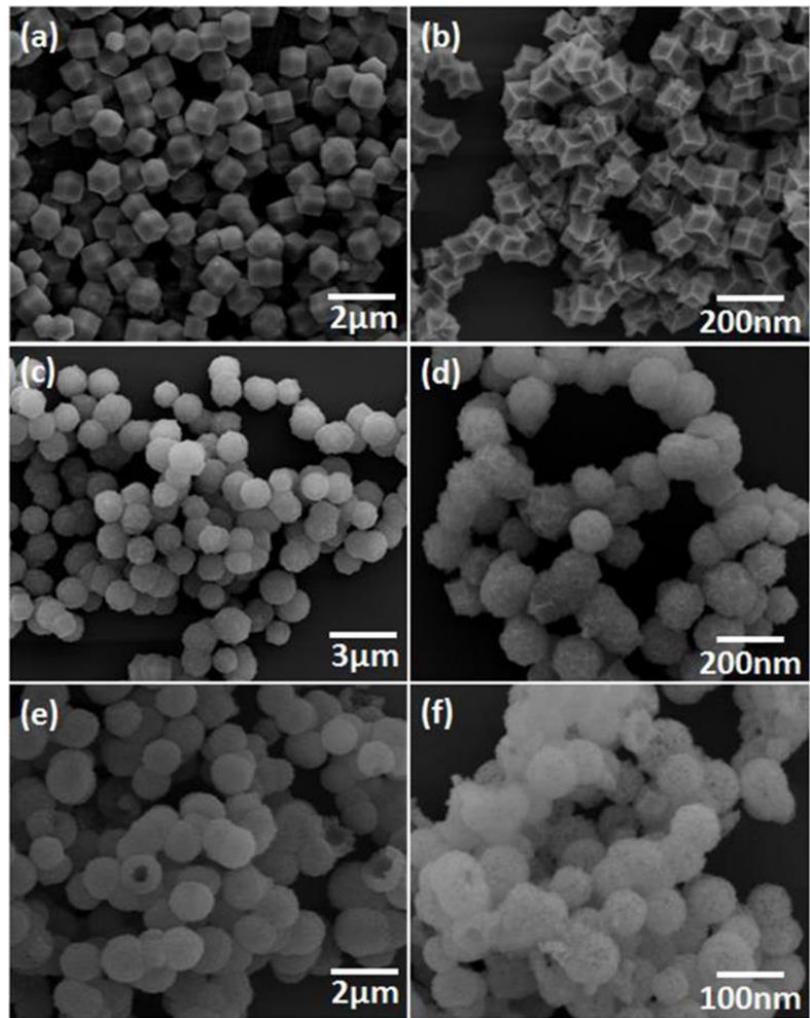


Fig. S3 SEM images of **a** T-ZIF-67, **b** T-Co₃O₄/NPC, **c** M-ZIF-67, **d** M-Co₃O₄/NPC, **e** H-ZIF-67, and **f** H-Co₃O₄/NPC

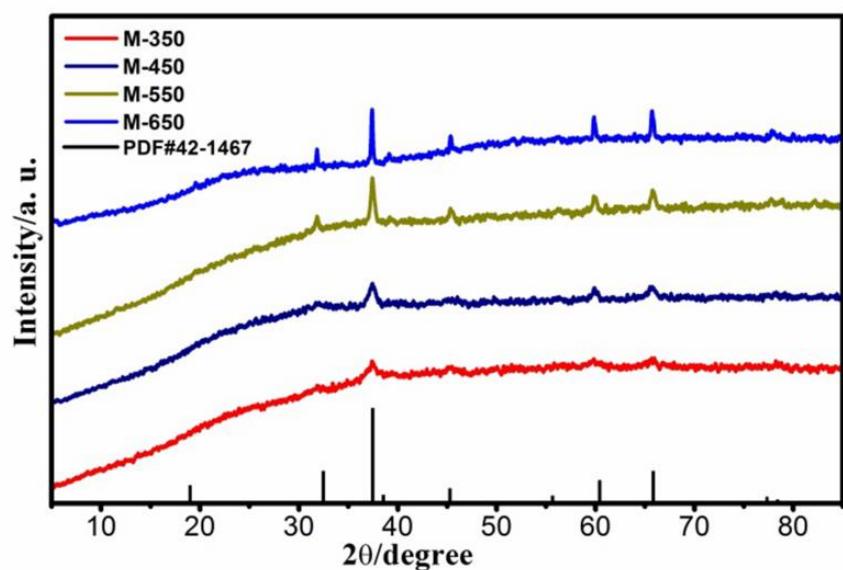


Fig. S4 powder XRD of M-350, M-450, M-550, and M-660

Table S1 elemental contents of Co₃O₄/NPC composites

	Co	C	N	O	Co/O
T-Co ₃ O ₄ /NPC	62.43	11.41	0.56	25.60	2.44
M-Co ₃ O ₄ /NPC	60.22	15.50	0.8	23.48	2.56
H-Co ₃ O ₄ /NPC	54.16	22.33	1.25	22.29	2.43