

## SUPPORTING INFORMATION

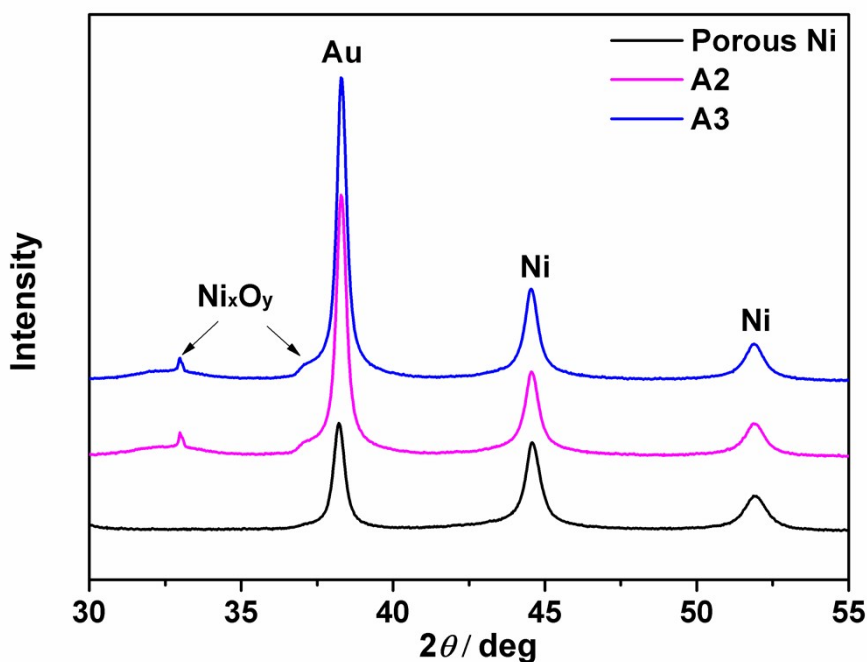
### Conformal oxide nanocoatings on electrodeposited 3D porous Ni films by atomic layer deposition

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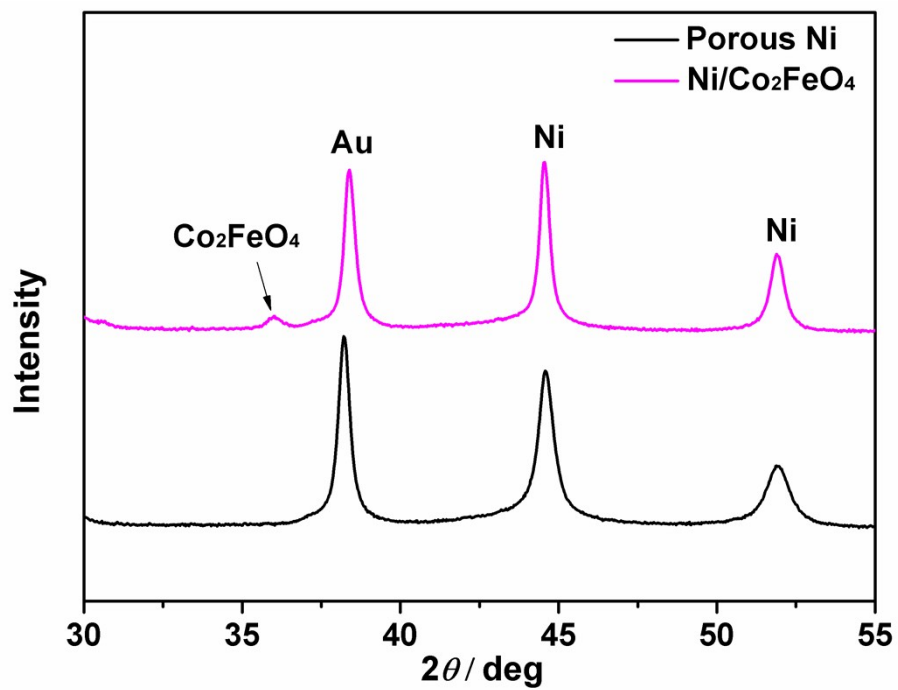
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**Fig. S1** XRD patterns of porous uncoated Ni, and A2 and A3 composite samples.



**Fig. S2** XRD patterns of porous uncoated Ni and Ni-supported Co<sub>3-x</sub>Fe<sub>x</sub>O<sub>4</sub> samples.