

Supporting Information

Isopropanol gas sensor based on Au nanoparticles compounded with $\alpha\text{-Fe}_2\text{O}_3$ nanomaterials

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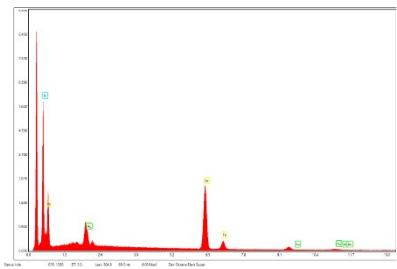


Fig. S1 EDS spectrum of AF-4 composite materials.

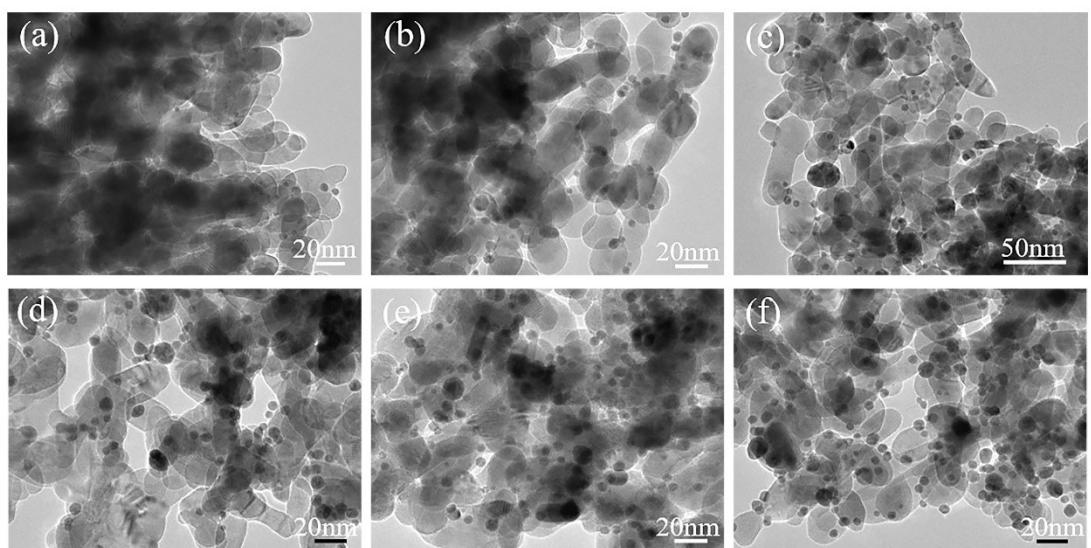


Fig. S2 TEM images of (a) AF-1, (b) AF-2, (c) AF-3, (d) AF-4, (e) AF-5 and (f) AF-6 composite materials.

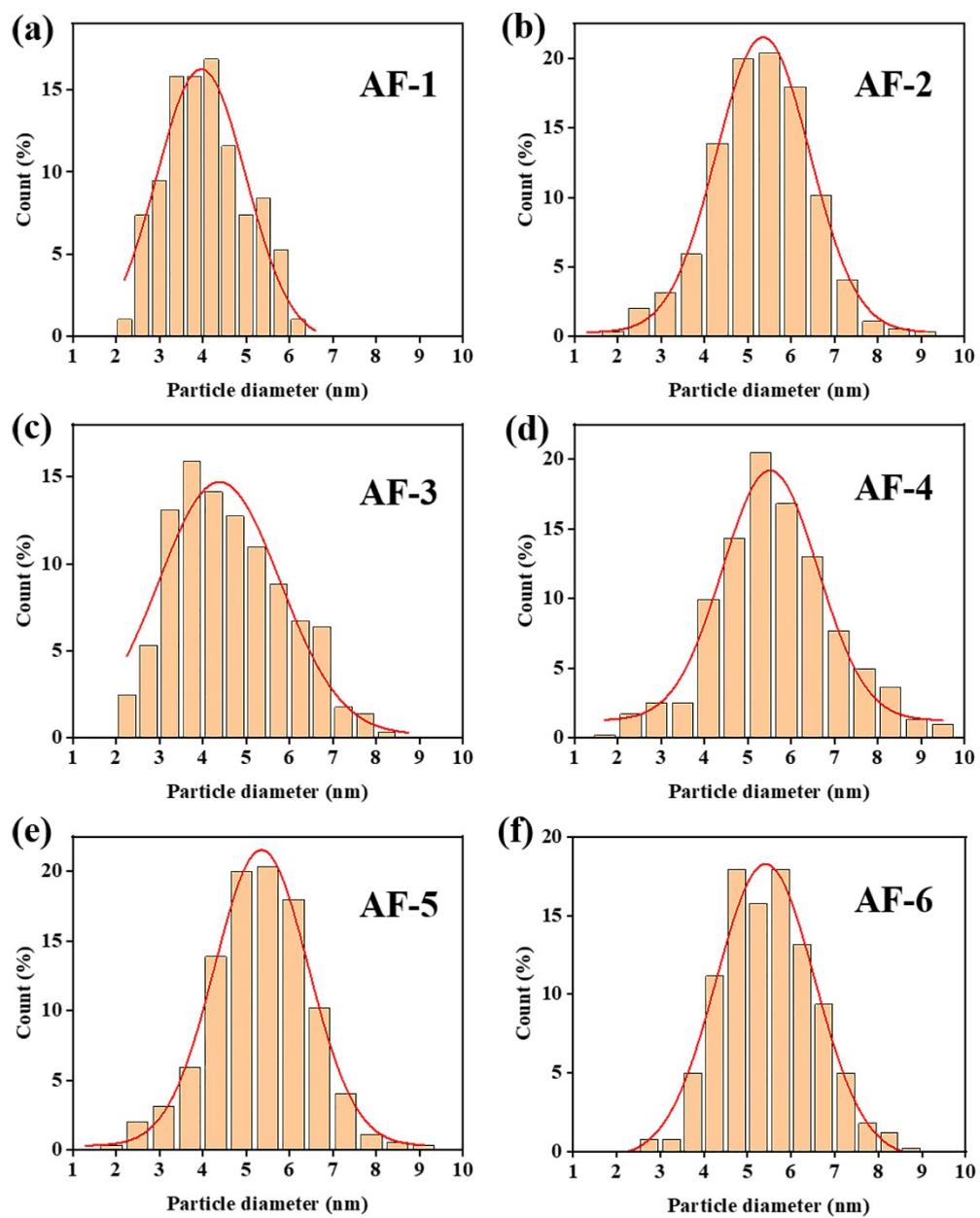


Fig. S3 The statistics histogram of (a) AF-1, (b) AF-2, (c) AF-3, (d) AF-4, (e) AF-5 and (f) AF-6 composite materials.