Constructing hierarchical hollow CuS microspheres by Galvanic replacement reaction as wide-band microwave absorbers

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Figure S1 Raman spectra of as-prepared hollow hierarchical CuS peony flowers.



Figure S2 XRD patterns of the products obtained at 160°C under different reaction times: (a) 3 h, (b) 6 h, (c) 10 h, and (d) 15 h.



Figure S3 frequency dependence of dielectric loss tangents of the hierarchical hollow CuS paraffin composites with various hollow CuS amounts.