Supporting Information

Three-dimensional biotemplate-loaded nickel sulfide vacancies engineered to promote electromagnetic wave absorption

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Figure S1. SEM images of (a) Ni(OH)₂@De, (b) Ni_xS_y@De.



Figure S2. EPR spectra of $Ni_xS_y@De$.



Figure S3. The frequency-loss 1D diagram of (a) $Ni_xS_y@De$, (b) $Ni_xS_y@De$ -etched. The quarter wavelength diagram of (c) $Ni_xS_y@De$, (d) $Ni_xS_y@De$ -etched.



Figure S4. RCS reduction values of Ni(OH)₂@De, Ni_xS_y@De, and Ni_xS_y@De-etched.