

## Corrosion Inhibition of Mild Steel Using Eco-Friendly Porous Nanocarbon Derived from Waste Mango Kernels: A Step Towards Sustainability

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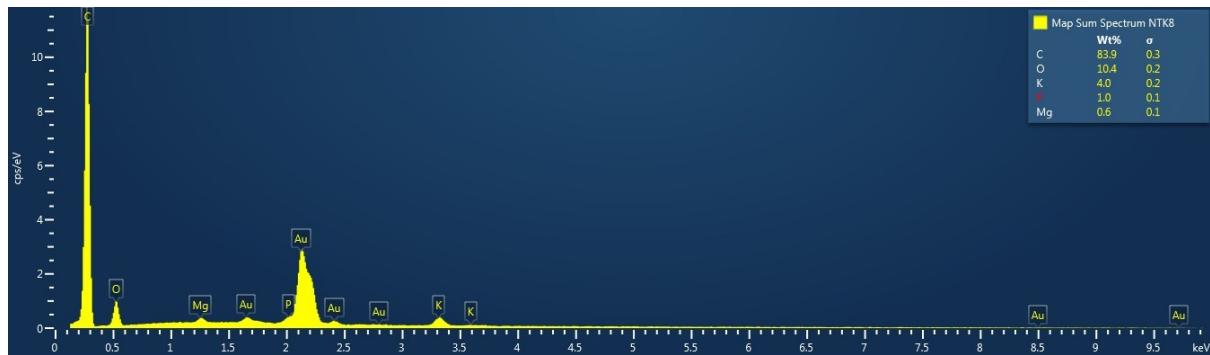


Fig. S1 EDS of MK800.

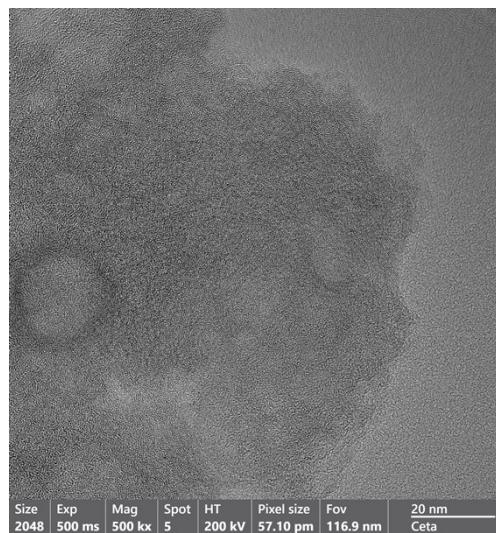
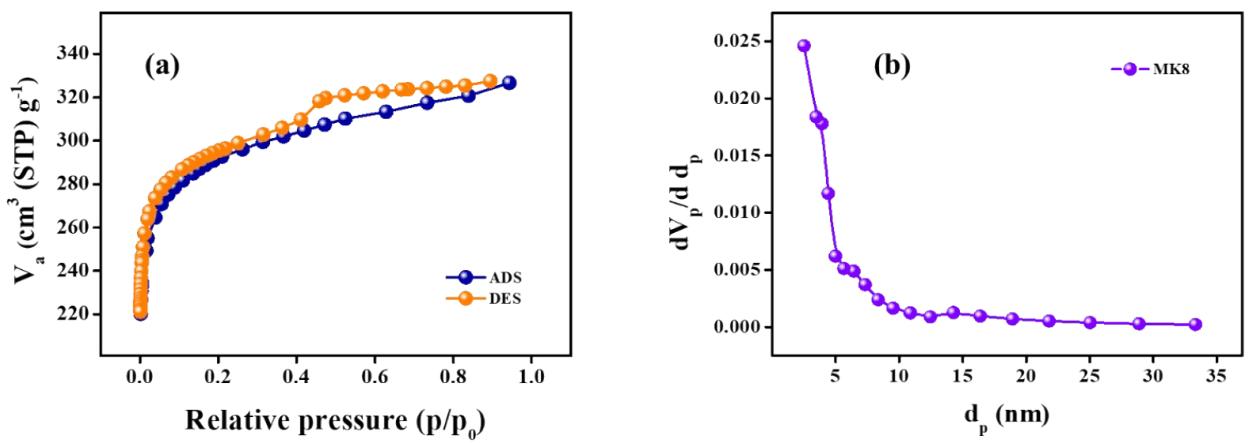
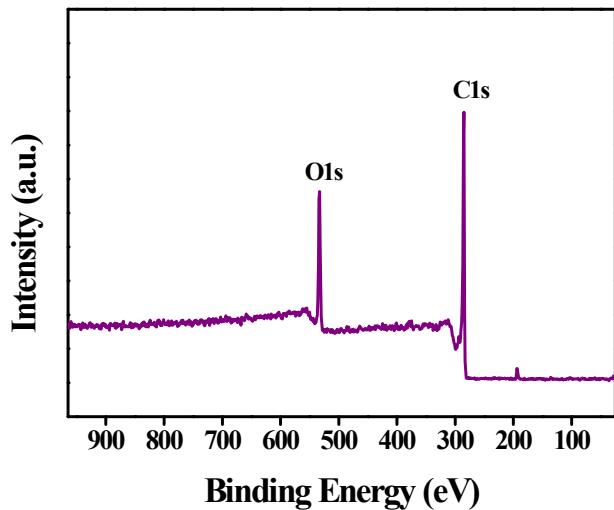


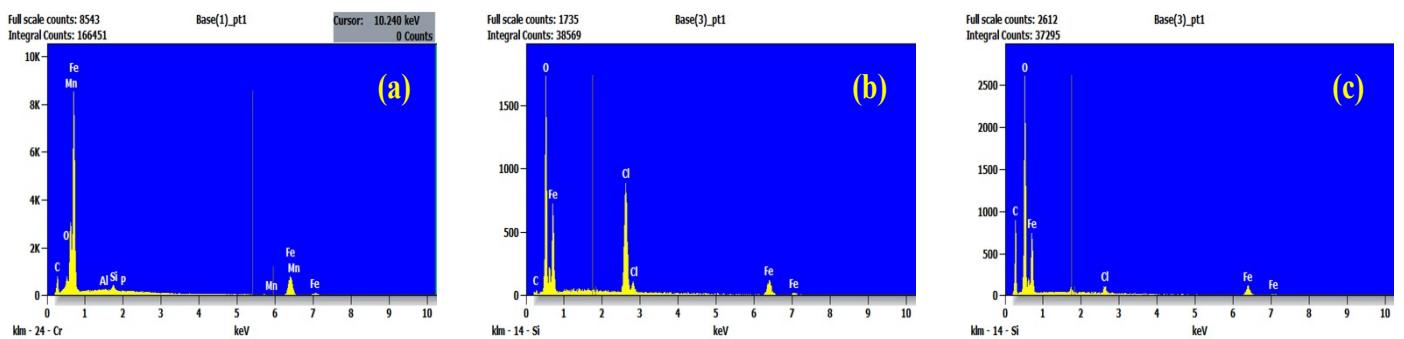
Fig. S2 TEM image of MK800.



**Fig. S3 (a) BET adsorption–desorption isotherm and (b) pore-size distribution of MK800.**



**Fig. S4 XPS survey spectra of MK800.**



**Fig. S5 EDS of (a) polished, (b) uninhibited, and (c) inhibited MS samples at 298 K.**