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Hierarchical tannin-derived carbons as efficient tetracycline adsorbents

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Supplementary Information

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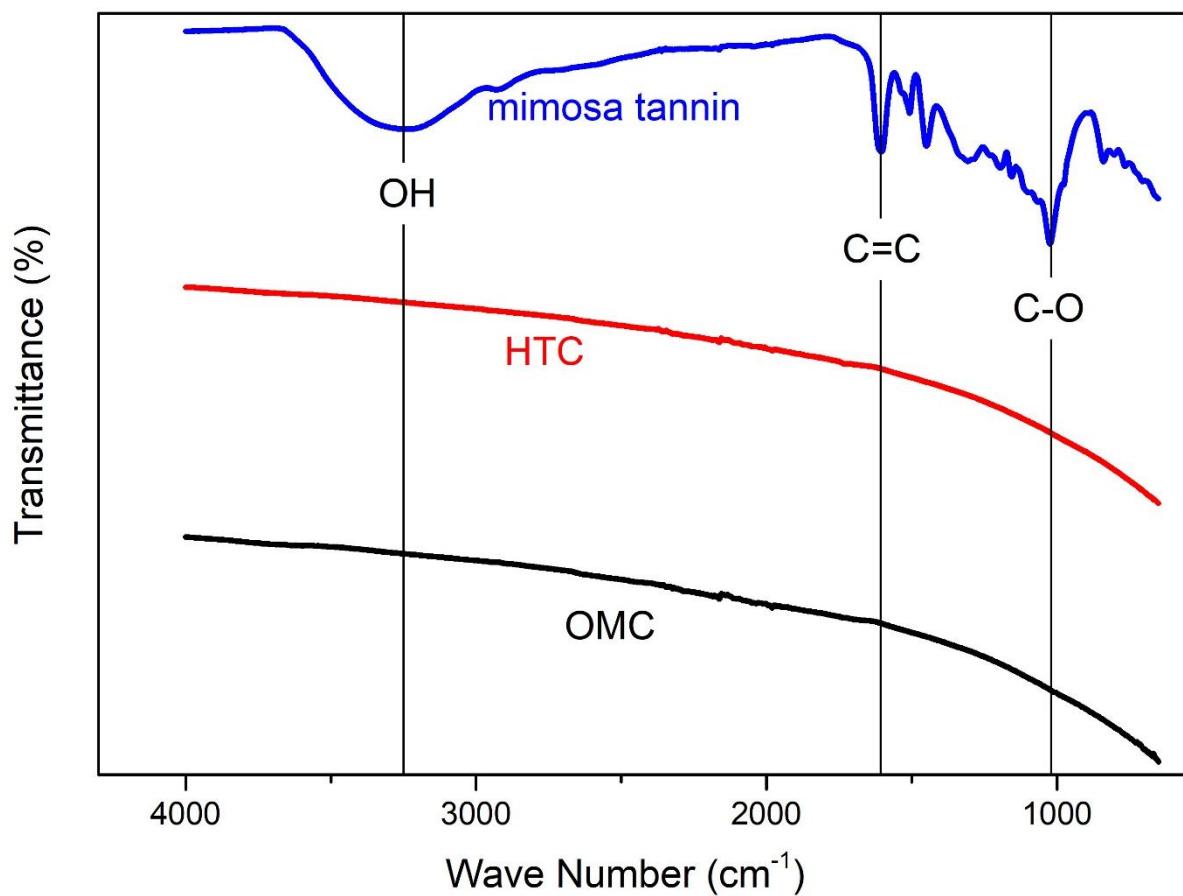
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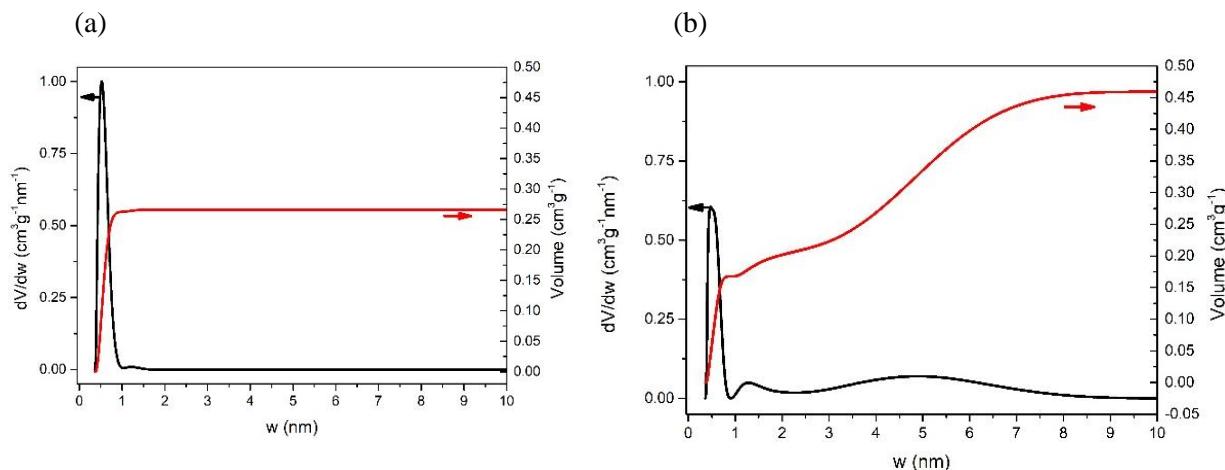


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31 **SI 1.** FTIR spectra of MT, HTC and OMC.

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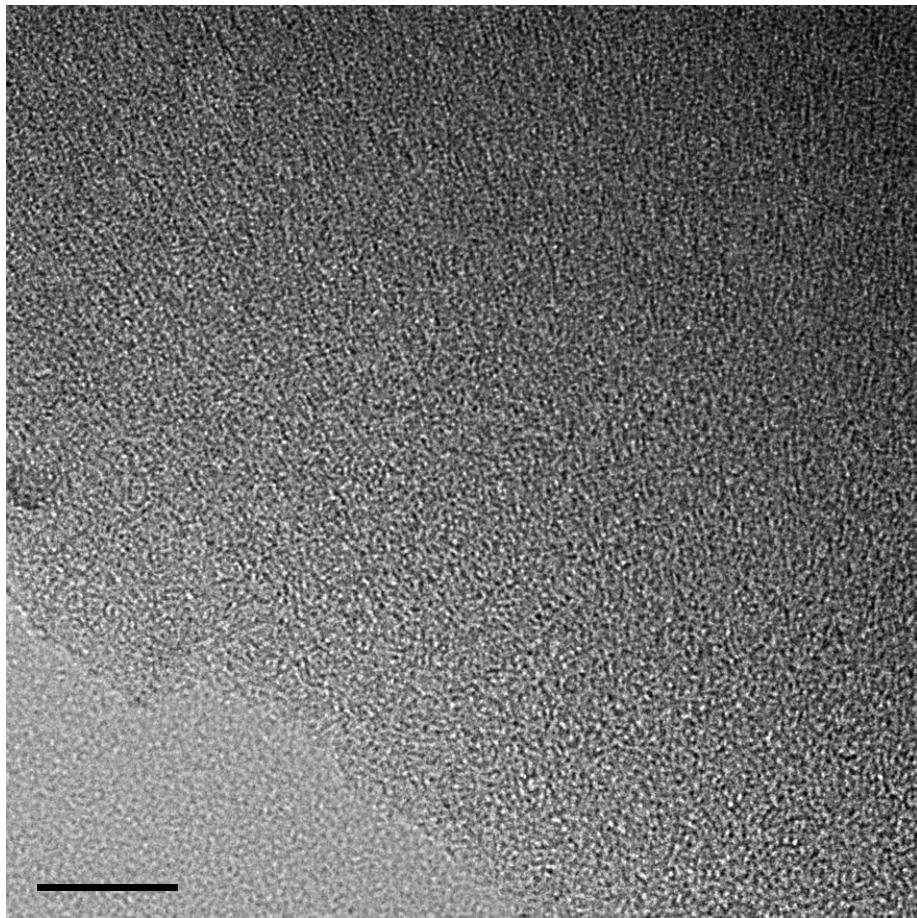
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34 **SI 2.** 2D-NLDFT volume pore size distribution of (a) the HTC, and (b) the OMC.

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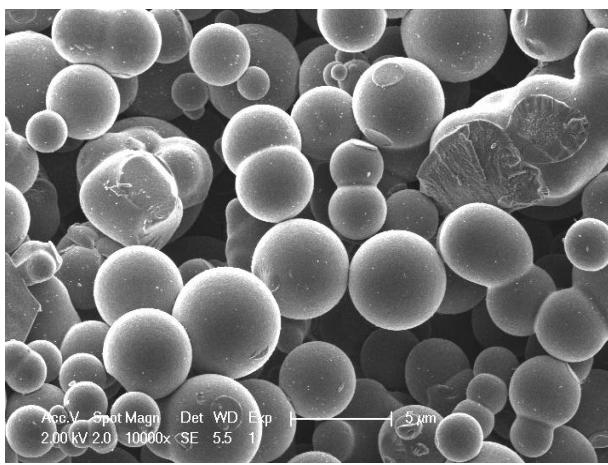
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SI 3. TEM images of tannin-based adsorbent materials of HTC

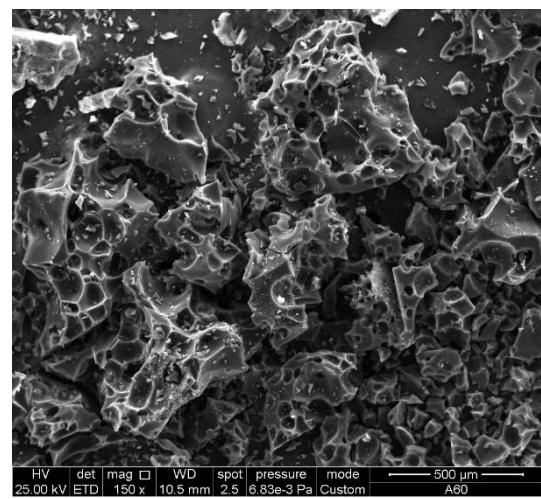
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a)



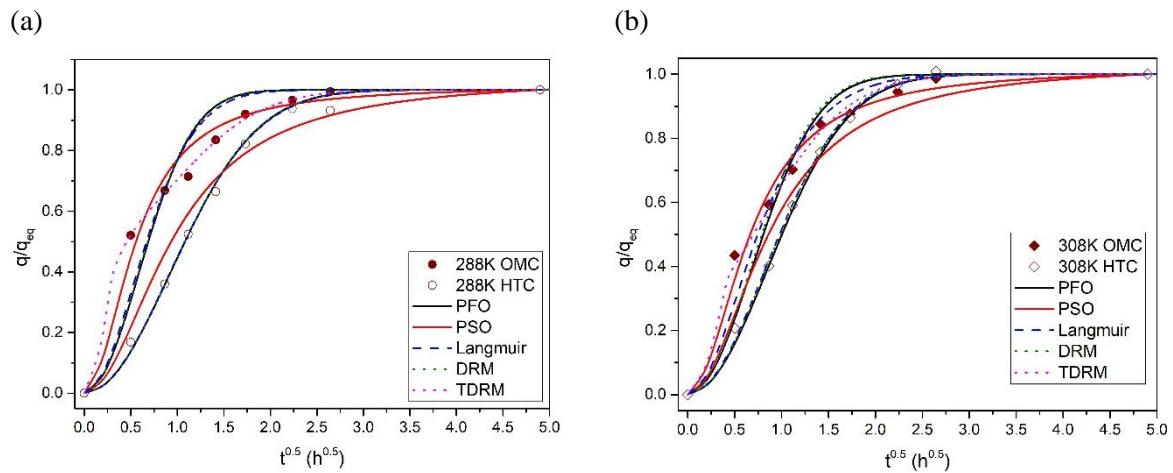
b)



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SI 4. SEM images of tannin-based adsorbent materials (a) HTC, and (b) Ordered mesoporous

41 carbon.



43 **SI 5.** Tetracycline adsorption kinetic profiles at (a) 288 K and (b) 308K, and corresponding
44 fits of PFO, PSO, Langmuir, DRM and TDRM kinetic models.

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