

Cellulose-based Sponge@ZIF-8 from waste straw for water disinfection

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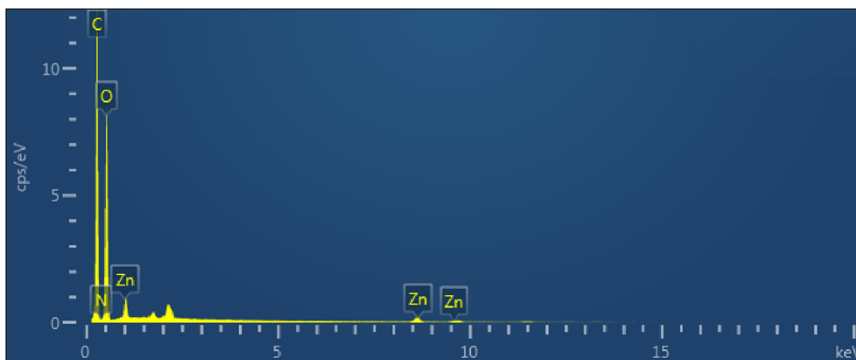


Figure S1 The elemental analysis results presenting the elemental composition for dry WCSZ composite along the straw-growth direction

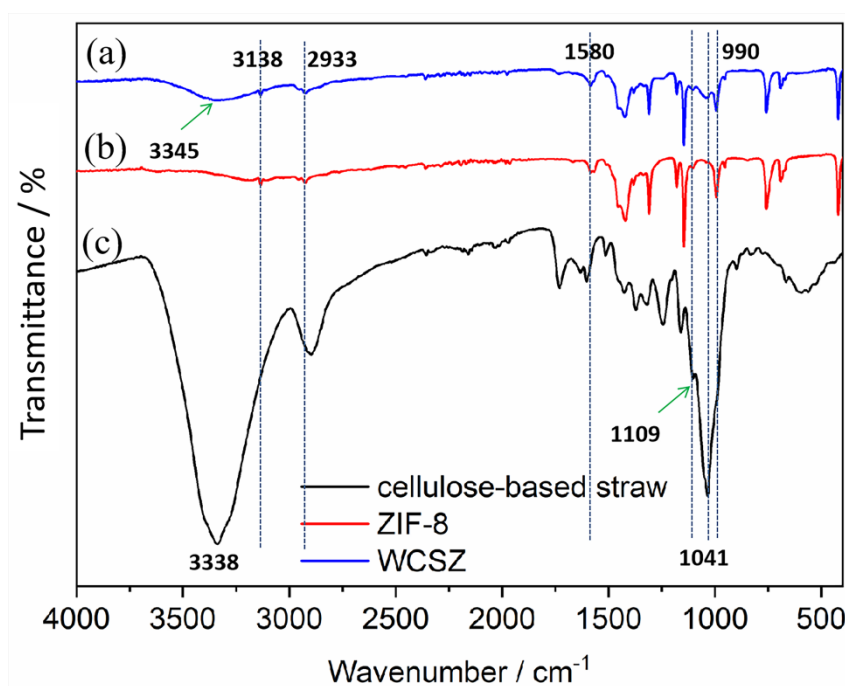


Figure S2 The FTIR results of (a) WCSZ, (b) ZIF-8 and (c) cellulose-based straw

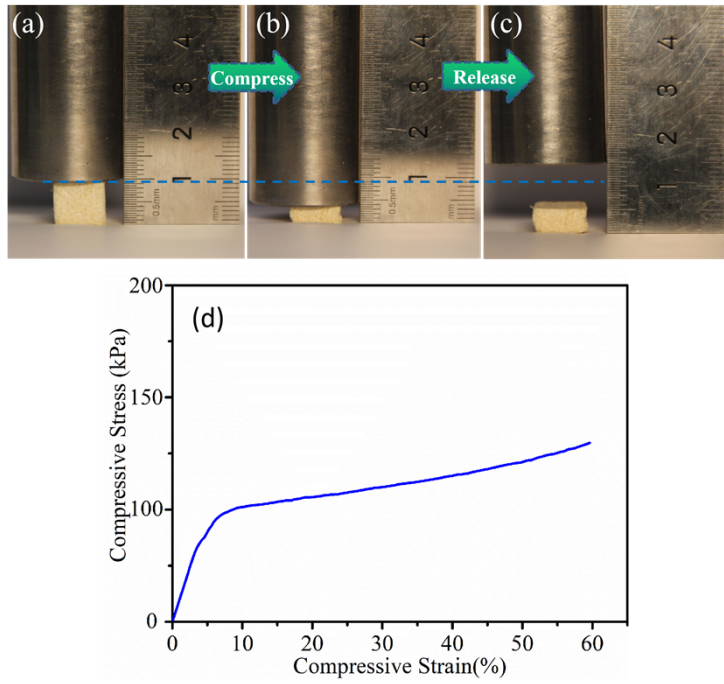


Figure S3 (a, b, c) Photographs of the dry cellulose-based straw exhibiting the irreversible compressibility perpendicular to the vascular bundle direction, (d) Compression stress-strain curves of dry cellulose-based straw under the maximum 60% strains