Supporting Information

Cobalt nanoparticle-carbon nanoplate as solar absorber of wood aerogel evaporator for continuously efficient desalination

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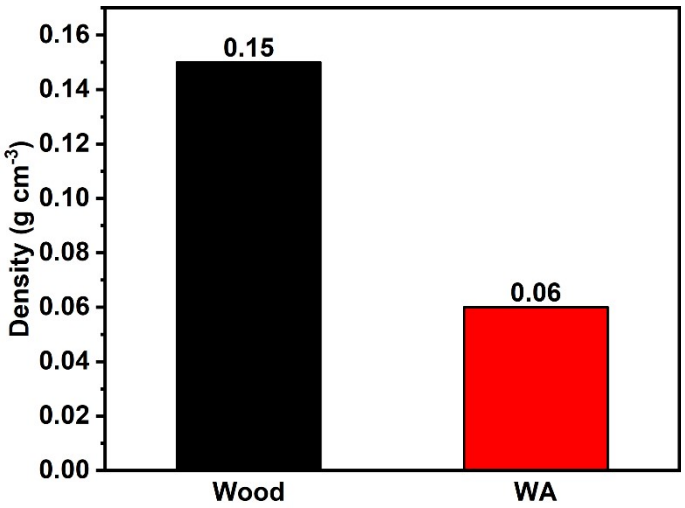

Figure S1. Density of wood and WA.

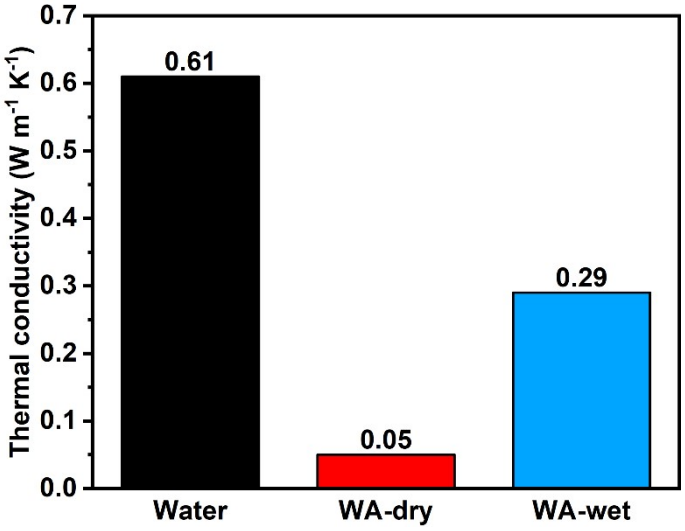

Figure S2. Thermal conductivity of water and WA in dry and wet conditions along the tree growth direction.

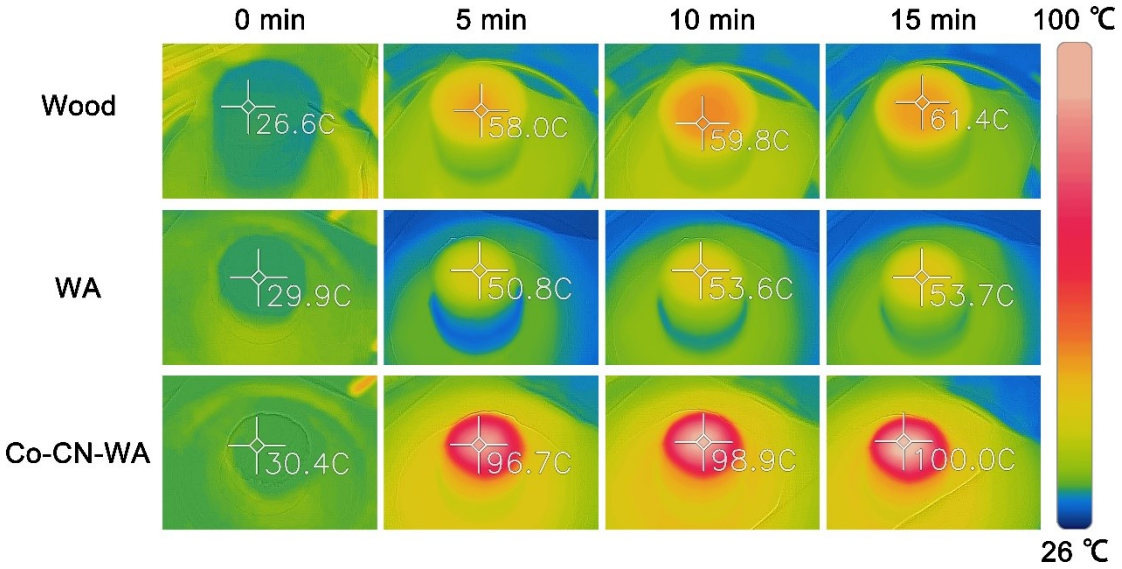

Figure S3. Thermal infrared images of wood, WA and Co-CN-WA evaporator at different times under 1 sunlight in dry condition.

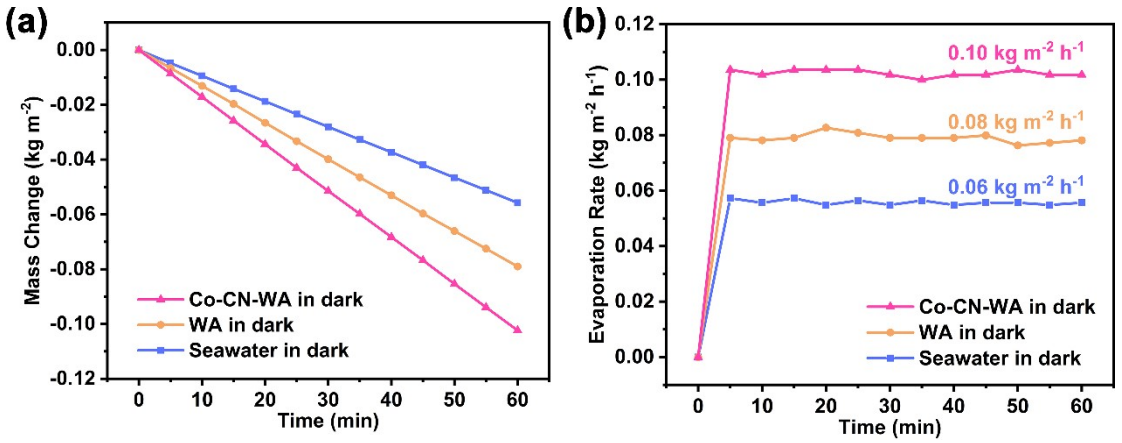

Figure S4. (a) Water quality losses of Co-CN-WA, WA and blank seawater evaporation system at different times in the dark. (b) Changes of evaporation rate of Co-CN-WA, WA and blank seawater evaporation system in the dark.

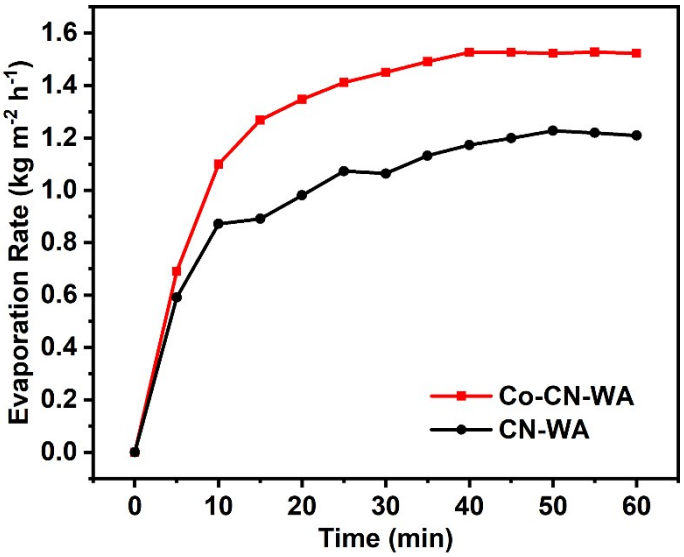

Figure S5. Changes of evaporation rate of Co-CN-WA and CN-WA evaporation system under 1 sunlight.

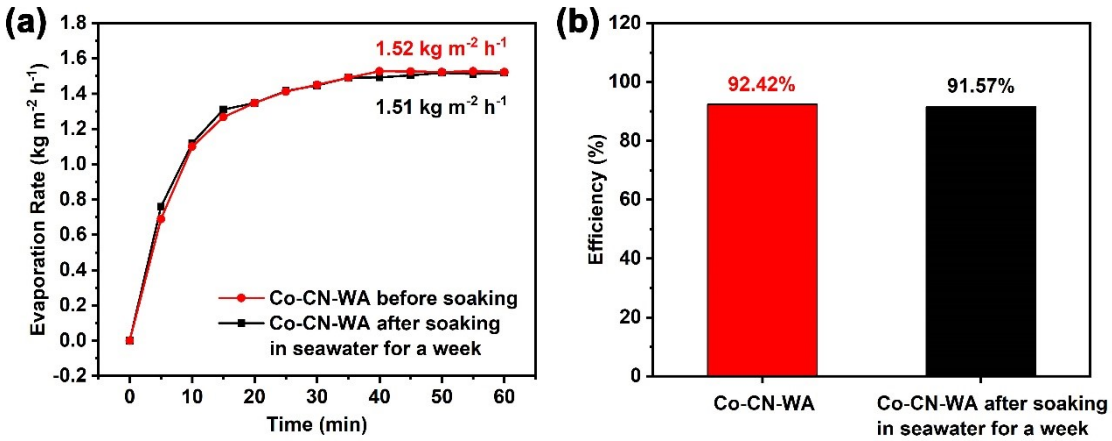

Figure S6. (a) Evaporation rate and (b) efficiency of Co-CN-WA before and after soaking in seawater for a week.