

[Electronic Supplementary Information](#)

**Single-crystal N-doped SiC Nanochannel Array Photoanode for Efficient
Photoelectrochemical Water Splitting**

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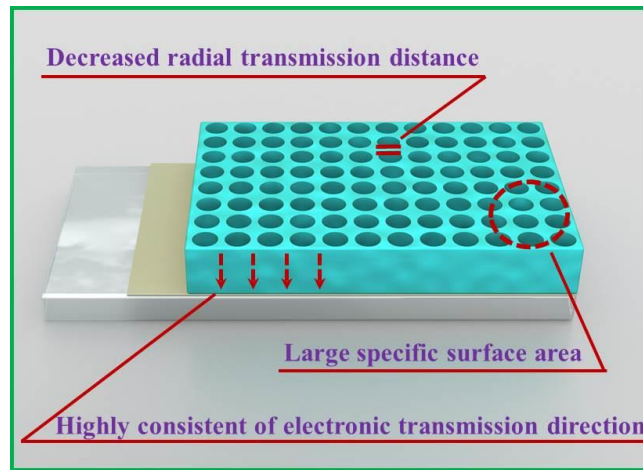


Fig. S1 The schematic diagram for showing the highly consistent of electronic transmission direction, decreased radial transmission distance, and large specific surface area of the SiC photoanode.