**Supplementary Information** 

Adeli et. al

## Atomic–Scale Synthesis of Nanoporous Gallium–Zinc Oxynitride–Reduced Graphene Oxide Photocatalyst with Tailored Carrier Transport Mechanism

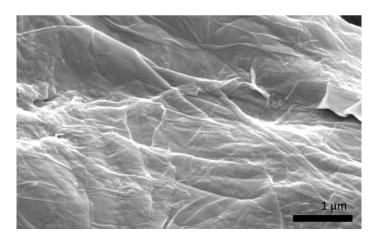
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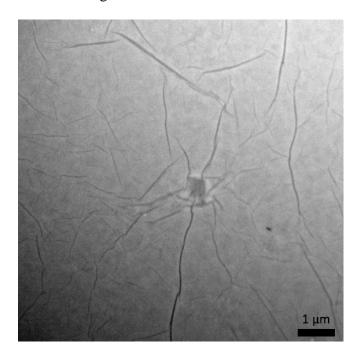
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Scanning electron microscopy (SEM) and transmission electron microscopy (TEM) images of the prepared graphene oxide (GO) nanosheets



**Figure S1:** SEM image of the GO nanosheet prepared through modified Hummers method using pre-exfoliated graphite as the starting material.



**Figure S2:** TEM image of a monolayer GO nanosheet prepared through modified Hummers method using pre-exfoliated graphite as the starting material.