

Highly Efficient Light-Driven TiO₂-Au Janus Micromotors

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Supporting Videos

SI Video S1. TiO₂-Au Micromotors Motion Remotely Triggered by UV Light and a Control.

SI Video S2. TiO₂-Au Micromotors Moving Towards to TiO₂ Side in Water.

SI Video S3. Motion of TiO₂-Au Micromotors in Different NaCl Concentration Environment under UV Light.

SI Video S4. Motion of TiO₂-Au Micromotors with Different Coating Layer under UV Light.

SI Video S5. Motion of Light-Driven Micromotors under Different UV Light Intensities in Water.

SI Video S6. UV Light Triggered “Stop and Go” of a Micromotor.

SI Video S7. Directional Control of TiO₂-Ni-Au Micromotors.

SI Video S8. Motion of Light-Driven Micromotors in Different Conditions.

Supporting Figures

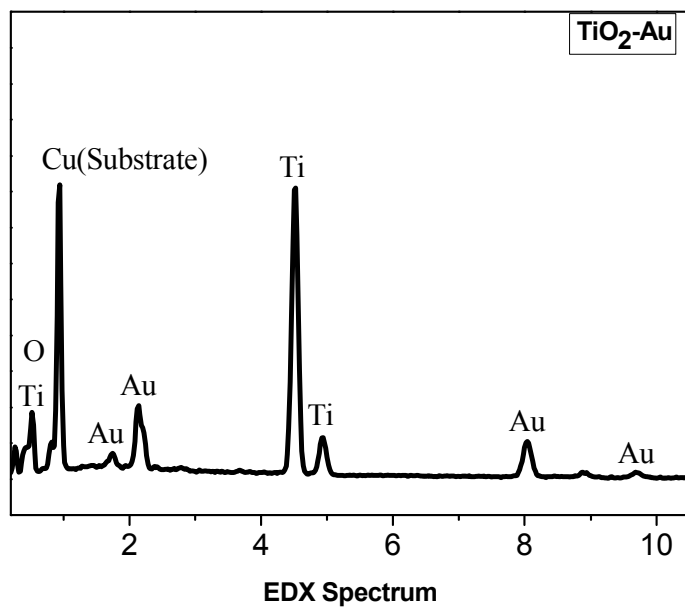


Figure S1: Energy-dispersive X-ray (EDX) pattern of the $\text{TiO}_2\text{-Au}$ Janus micromotor.

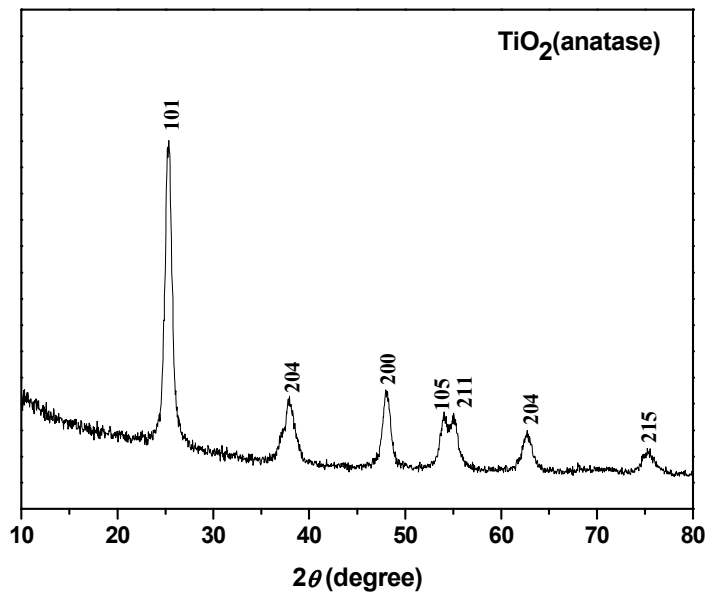


Figure S2. XRD pattern of the TiO₂ microparticles.