Highly Efficient Light-Driven TiO$_2$-Au Janus Micromotors

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Supporting Videos

SI Video S1. TiO$_2$-Au Micromotors Motion Remotely Triggered by UV Light and a Control.


SI Video S3. Motion of TiO$_2$-Au Micromotors in Different NaCl Concentration Environment under UV Light.

SI Video S4. Motion of TiO$_2$-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 TiO$_2$-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 TiO$_2$-Au Janus micromotor.
Figure S2. XRD pattern of the TiO$_2$ microparticles.