

Water-Driven Micromotors

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Supporting Videos

SI Video 1. The propulsion of Al-Ga/Ti micromotor in pure water.

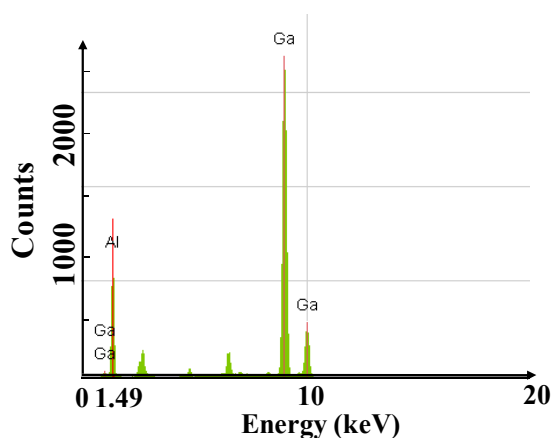
SI Video 2. Control experiments using a plain Al particle, an Al-Ga alloy particle and an Al-Ga/Ti micromotor in pure water.

SI Video 3. Motion of the Al-Ga/Ti micromotor in 10 mM, 100 mM and 1 M sodium chloride solutions.

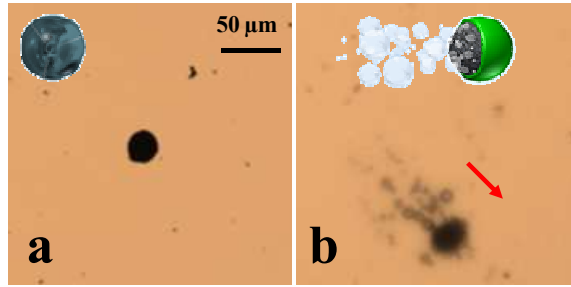
SI Video 4. Motion of a micromotor in a 3 M sodium chloride solution.

SI Video 5. Motion of the Al-Ga/Ti micromotor in water, buffer and human serum and cell culture media.

Supporting Figures



SI Figure 1: Spectrum of Al-Ga alloy obtained with X-ray fluorescence (XRF) spectroscopy.



SI Figure 2. a) Al/Ti particles in 3 M sodium chloride; b) Al-Ga/Ti micromotors in 3 M sodium chloride.