

A hydrogel electrode strip is shown being held over a surface of water. The strip is translucent and has a grid of small, dark, rectangular electrodes on its surface. The water below is dark blue, and the background is a soft, out-of-focus blue and white. The text 'nature' is in white, and 'biomedical engineering' is in a dark blue serif font.

nature

# biomedical engineering

**Hydrogel electrodes  
for interfacing with tissue**