

ADVANCED FUNCTIONAL MATERIALS

TRANSIENT ELECTRONICS

Electronics technologies that can physically disappear by dissolution in water or biofluids have broad applications in implantable, environmentally friendly, and hardware-secure devices. On page 645, J. A. Rogers and co-workers study the materials science of various metal thin films that can serve as dissolvable conductors in transient electronics. This image shows dissolving thin films of zinc as contacts for silicon transistors along with measurements of changes in electronic performance during this time.

