

The key role of the interfaces ...

... in the electrode-molecule contact can be probed by studying the time evolution of molecular junctions. In their Communication on page 8273 ff., A. Filoramo and coworkers show that the "blinking" of the thiol-gold bond can be suppressed by an appropriate choice of molecule: devices that contain the terphenylene molecule exhibit a stochastic variation in the conductance, while devices that contain the terthiophene molecule are extremely stable over a period of several weeks (Illustration: D. Nozaki).



Inside Cover

Diana Dulić, Florian Pump, Stephane Campidelli, Pascal Lavie, Gianaurelio Cuniberti, and Arianna Filoramo*

The key role of the interfaces in the electrode–molecule contact can be probed by studying the time evolution of molecular junctions. In their Communication on page 8273 ff., A. Filoramo and co-workers show that the "blinking" of the thiol–gold bond can be suppressed by an appropriate choice of molecule: devices that contain the terphenylene molecule exhibit a stochastic variation in the conductance, while devices that contain the terthiophene molecule are extremely stable over a period of several weeks (Illustration: D. Nozaki).

