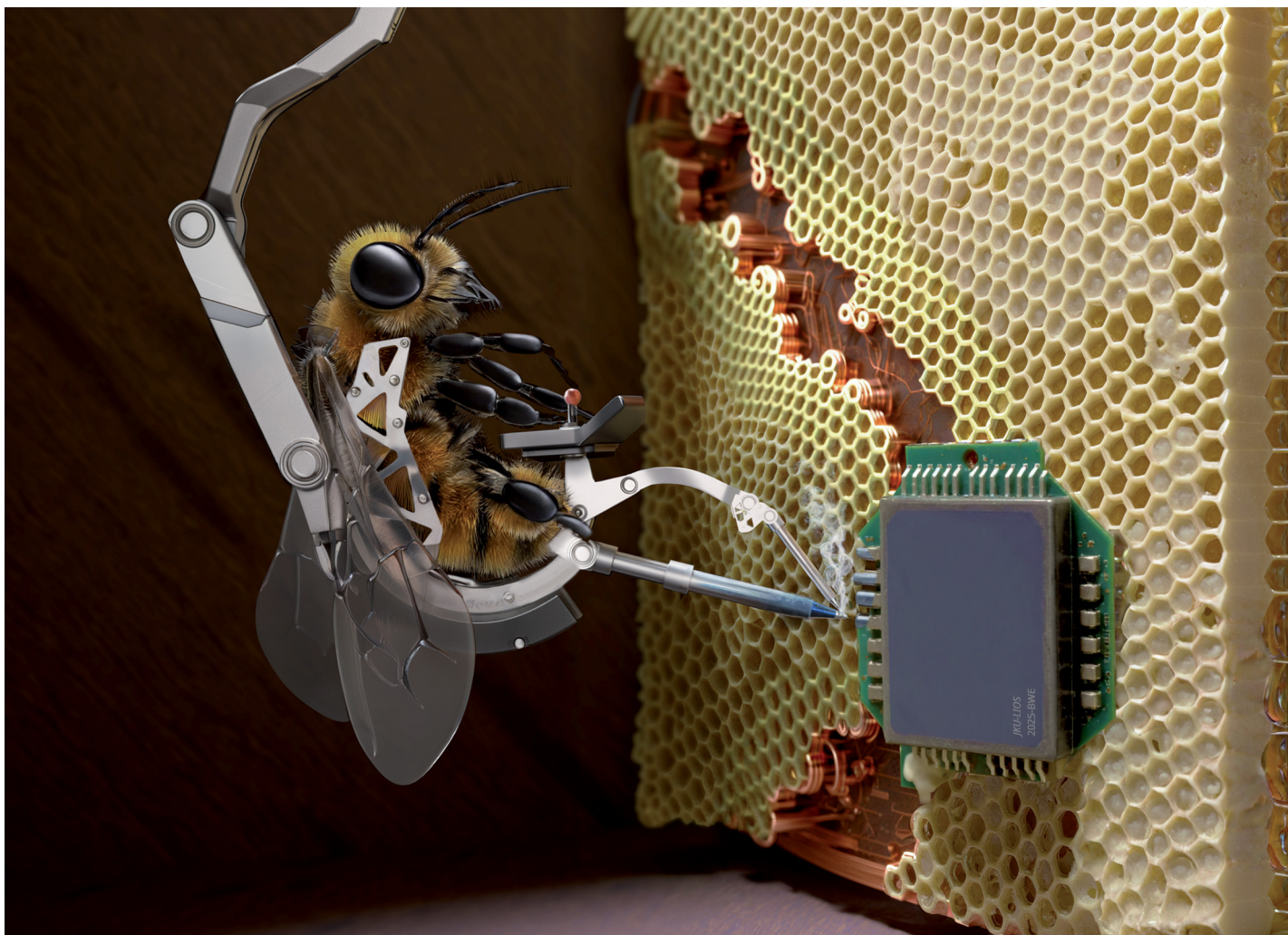




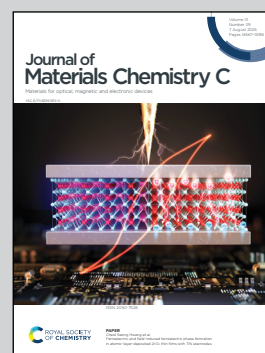
Showing research from: Johannes Kepler University Linz, Austria; Montan University Leoben, Austria; Joanneum Research mbH, Austria; Brno University of Technology, Czechia; and University of Pisa, Italy.

Natural waxes from plant and animal origin as dielectrics for low-voltage organic field effect transistors

BWE-Beeswax Electronics: The image represents the designer's view of a pincer-like robot device in the shape of a soldering iron controlled by a master bee employed to solder a PCB board covered in a beeswax encapsulate layer. Many naturally occurring waxes, like beeswax represented here, are demonstrated by C.V. Irimia *et al.* to be excellent dielectrics for organic field effect transistors, aimed to reach sustainability in the electronics world.

Image partly generated using Adobe Firefly and reproduced by permission of Johannes Kepler University Linz from *J. Mater. Chem. C*, 2025, **13**, 14767.

As featured in:



See Mihai Irimia-Vladu *et al.*,
J. Mater. Chem. C, 2025, **13**, 14767.