

RSC Applied Polymers

**The application of polymers,
both natural and synthetic**

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**Fundamental questions
Elemental answers**



Showcasing research from: Johannes Kepler University Linz, Austria; Joanneum Research Materials mbH Austria, Montan University Leoben, Austria, University of Pisa, Italy and Åbo Akademi University, Finland.

Natural dielectrics for organic field effect transistors: a study on resins derived from larch, spruce and Atlas cedar Pinaceae trees

The image represents the designer's view of green electronics development. Naturally extracted Pinaceae tree resins are employed directly, without chemical modification for the fabrication of sustainable electronics. Many naturally occurring plant resins, like the ones derived from larch, spruce and Atlas cedar Pinaceae trees are demonstrated by C. Schimanofsky *et al.* to be excellent dielectrics for organic field effect transistors, aimed to reach sustainability in the electronics world.

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As featured in:



See Mihai Irimia-Vladu *et al.*,
Mater. Adv., 2025, 6, 6269.