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**Fundamental questions
Elemental answers**



Showing research from UstaLab, Department of Nanotechnology Engineering, Abdullah Gül University, Kayseri, Turkey.

The Hansen solubility approach towards green solvent processing: n-channel organic field-effect transistors under ambient conditions

Utilizing green solvent analysis, based on a minimal distance constraint in the Hansen solubility parameter (HSP) space, enables environmentally friendly processing of n-channel OFETs for operation in ambient conditions. A strong thermodynamic correlation in the HSP space is demonstrated, suggesting a potential approach for future developments in green optoelectronics.

As featured in:



See Hakan Usta *et al.*,
J. Mater. Chem. C, 2024, **12**, 3854.