

Research applications utilizing **Spartan** in:

- **Graphical Model Applications**
- **Visualization**

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● ● ● Tevhide Ayça Yıldız, İbrahim Deneme, Hakan Usta*, Achieving Extreme Solubility and Green Solvent-Processed Organic Field-Effect Transistors: A Viable Asymmetric Functionalization of [1]Benzothieno[3,2-b][1] benzothiophenes. *ACS Appl. Mater. Interfaces* **2025**, 17, 35, 49720–49736. <https://doi.org/10.1021/acsami.5c12618> [open access]

● ● ● Muhammadiqbol Musozoda, Richard A. O'Brien, Zachary J. Metott, Raychell A. Jerdo, Christopher M. Butch, Matthias Zeller, Gregory R. Boyce*, Patrick C. Hillesheim*, and Arsalan Mirjafari*, Lipid-Inspired Low Melting Ionic Liquids via Synergistic Cyclopropanation and Branching of Terpenoids. *ACS Mater. Au* **2025**, 5, 5, 878–885. <https://doi.org/10.1021/acsmaterialsau.5c00089> [open access]

● ● Samantha J. Kruse, Tori Z. Forbes, and Leonard R. MacGillivray*, Effects of Ionizing Radiation on Halogen-Bonded Dipyridyl-Naphthalenediimide Cocrystals. *Cryst. Growth Des.* **2025**, 25, 13, 4968–4973. <https://doi.org/10.1021/acs.cgd.5c00441> [open access]

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● ● Chinthaka M. Udamulle Gedara, Ashutosh Shrivastava, Ziyuan Ma, Prabhath L. Gamage, Chandima Bulumulla, Dushanthi S. Dissanayake, Md Muktadir Talukder, Mihaela C. Stefan, and Michael C. Biewer*, Comparative Evaluation of Pyrrole Fused Donor Moieties: 1H-Indole and Pyrrolo[2,3-b] Pyridine in Benzothiadiazole-Based D–A–D Type Conjugated Small Molecules for Organic Field-Effect Transistors. *ACS Omega* **2025**, 10, 12, 12357-12365. <https://doi.org/10.1021/acsomega.4c11362> [open access]

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