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For optoelectronic applications, the product matrix of LinkZill includes TFT sensing and display array chips with their compatible readout and driving systems, respectively. These products have been widely used for state-of-the-art research such as Perovskite X-ray sensing, infrared sensing, finger/palm-print sensing, gas/pressure sensing, Perovskite LEDs, quantum-dot LEDs and micro-LEDs. LinkZill also provides customized TFT design and manufacturing with customer's choice of TFT type (a-Si, IGZO, LTPS, OTFT, etc.), substrates (glass, plastic) and size (up to G6.5 line).

LinkZill also combines TFT semiconductor technology with life sciences through our TFT bio-chip platform, and has achieved industrial applications in high-throughput DNA synthesis, precise biological droplet manipulation, in-vitro diagnostics (IVD) and bio-sensing.

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Royce also supports research in 2D Materials, biomaterials and bioelectronics development and advanced metals processing. Royce@Cambridge hosts a technology platform which includes the Physical Vapour Deposition and Characterisation Facility and a Battery Suite for processing new battery materials.

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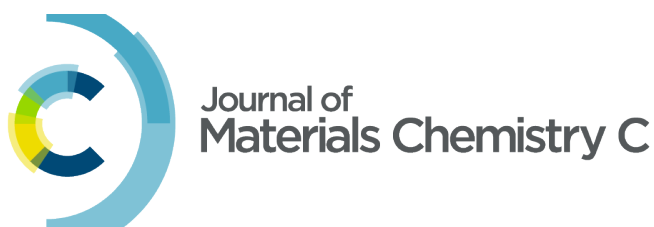
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