

## Study of Solution-Processed Organic Light-Emitting Diodes (OLEDs)

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Organic electronics, commonly referred as plastic electronics, is an emerging technology for addressing many challenges that our society is facing. Over the past two decades, organic electronics has gained enormous attention due to its many advantages, including low power consumption, low-cost, scalable, and flexible design. Development of high-performance devices by designing new materials and related device engineering is crucial to the future advances in organic electronics. My talk will focus on organic light-emitting diodes (OLEDs) fabricated by solution-processing of organic semiconductors aims to better understand structure-property-performance relationships resulting from solution-based fabrication.