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Efficient Perovskite Light-Emitting Diodes
Enabled by Synergetic Device Architecture

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Keywords: Perovskite light-emitting diodes, CsPbBr₃, light outcoupling, moth-eye nanostructures

In this work, we demonstrated a facile route was realized by combining bioinspired moth-eye nanostructures and half-ball lens to enhance light outcoupling. As a result, the maximum external quantum efficiency of green perovskite light-emitting diodes was improved to 28.2%, which represented a substantial step toward achieving practical applications of PeLEDs.