Manipulating molecules with strong coupling: harvesting triplet excitons in organic exciton microcavities

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Harvesting Light From Dark States of OLEDs in Reflective Cavity

Organic LEDs (OLEDs) emit light through the generation of singlet excitons...

...but the abundance of dark triplet excitons are a potential drawback

Dark states of organic LED molecules in reflective cavity can be converted to bright states, significantly increasing the yield of light emitted.