Cover Description

A rendering of the luminescent solar concentrator (LSC), a device used to concentrate solar light. The concentrated light is shown to be glowing at its edges, although in our case it emits in the IR. The LSC is surrounded by our quantum dot emitters and tetracene based absorbers. We find that in our device that efficiency drops arises primarily due to triplet-triplet annihilation (TTA) at higher photon fluxes.