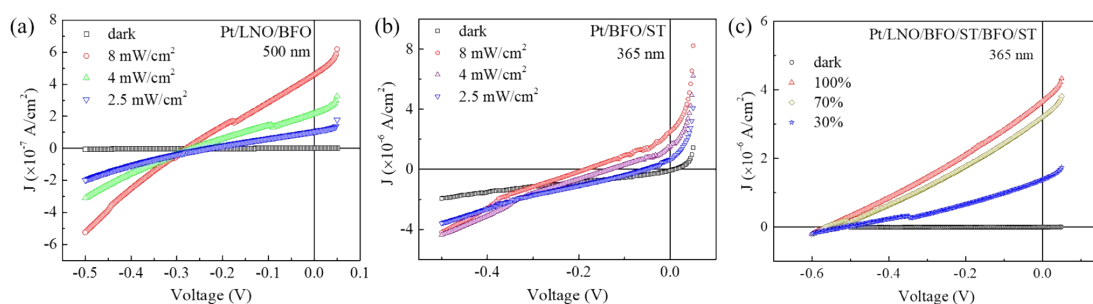


S1 (a-b) the J-V curves under the illumination of 365 nm with 8 mW/cm<sup>2</sup> for BFO/ST/BFO/ST/BFO/ST and ST/BFO/ST/BFO/ST/BFO multilayer films.



S2 (a-c) the J-V curves under the illumination of 365 and 500 nm with different power densities for Pt/LNO/BFO, Pt/BFO/ST, and Pt/LNO/BFO/ST/BFO/ST multilayer films.