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Gamma-ray burst observations with CALET YUTA KAWAKUBO, Louisiana State University, Baton Rouge, NICHOLAS CANNADY, UMBC/CRESST II/NASA GSFC, CALET COLLABORATION — The CALorimetric Electron Telescope (CALET) is a payload deployed on the International Space Station to observe high energy cosmic rays and gamma rays. CALET consists of the CALorimeter (CAL), which is the primary instrument of CALET, and the CALET Gamma-ray Burst Monitor (CGBM), which aims to observe gamma-ray bursts (GRBs). CALET has been in nominal on-orbit operation since October 2015. As of the end of 2019, CGBM has detected 181 GRBs including 22 short GRBs over four years and three months. Also, we have searched for high energy gamma-rays from GRBs with CAL. In this work, we present CALET results of GRB observation, including the search for electromagnetic counterparts of gravitational wave events.

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