Recent Results of Light Hadron Spectroscopy at BESIII

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Based on the 225 million $J/\psi$ events and 106 million $\psi(2S)$ events collected with the BESIII detector at the BEPCII facility, the recent results on light hadron spectroscopy are presented, including the partial wave analysis of $J/\psi \to \gamma p\bar{p}$, $\psi(2S) \to p\bar{p}\eta$ and $\psi(2S) \to p\bar{p}\pi^0$, confirmation of $X(1835)$ and observation of two new resonances in $J/\psi \to \gamma \pi^+\pi^-\eta'$, observation of a structure $X(1870)$ in $J/\psi \to \omega\pi^+\pi^-\eta$, the first observation of isospin-violating decay mode of $\eta(1405) \to f_0(980)\pi^0$, and the precision measurement of the branching fractions of $J/\psi, \psi(2S) \to \pi^+\pi^-\pi^0$.

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