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Light meson decays at BESIII

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Since the high production rate of light mesons in J/ψ decays, the sample of 1.3 billion J/ψ events accumulated at BESIII offer a unique laboratory for investigating light meson decays. Recently many progresses on light meson decays, e.g., $\eta/\eta'/\omega$, were achieved at BESIII, including the observation of $\eta' \rightarrow \rho^+ \pi^-$, precision study of $\eta' \rightarrow \gamma \pi \pi$ decay dynamics and the observation of $a_0(980)$ - $f_0(980)$ mixing.

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