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- [1] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Measurement of CP violation in $B^0 \rightarrow D^+ D^-$ decays,” Phys. Rev. Lett. **117** (2016) 261801.
- [2] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Evidence for exotic hadron contributions to $\Lambda_b^0 \rightarrow J/\psi \pi^-$ decays,” Phys. Rev. Lett. **117** (2016) 082003.
- [3] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Model-independent confirmation of the $Z(4430)^-$ state,” Phys. Rev. D **92** (2015) 112009.
- [4] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV,” JHEP **1603** (2016) 159.
- [5] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV,” JHEP **1510** (2015) 172.
- [6] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Measurement of the branching fraction ratio $\mathcal{B}(B_c^+ \rightarrow \psi(2S)\pi^+)/\mathcal{B}(B_c^+ \rightarrow J/\psi\pi^+)$,” Phys. Rev. D **92** (2015) 072007.
- [7] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Quantum numbers of the $X(3872)$ state and orbital angular momentum in its $\rho^0 J/\psi$ decay,” Phys. Rev. D **92** (2015) 011102.
- [8] D. Santel,.., S. Eidelman *et al.* [Belle Collaboration], “Measurements of the $\Upsilon(10860)$ and $\Upsilon(11020)$ resonances via $\sigma(e^+e^- \rightarrow \Upsilon(nS)\pi^+\pi^-)$,” Phys. Rev. D **93** (2016) 011101.
- [9] V. L. Chernyak and S. I. Eidelman, “Hard exclusive two photon processes in QCD,” Prog. Part. Nucl. Phys. **80** (2014) 1.
- [10] X. H. He,.., S. Eidelman *et al.* [Belle Collaboration], “Observation of $e^+e^- \rightarrow \pi^+\pi^-\pi^0\chi_{bJ}$ and Search for $X_b \rightarrow \omega\Upsilon(1S)$ at $\sqrt{s} = 10.867$ GeV,” Phys. Rev. Lett. **113** (2014) 142001.
- [11] A. J. Bevan,.., S. Eidelman *et al.* [BaBar and Belle Collaborations], “The Physics of the B Factories,” Eur. Phys. J. C **74** (2014) 3026.
- [12] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Observation of the resonant character of the $Z(4430)^-$ state,” Phys. Rev. Lett. **112** (2014) 222002.
- [13] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Evidence for the decay $X(3872) \rightarrow \psi(2S)\gamma$,” Nucl. Phys. B **886** (2014) 665.
- [14] R. Aaij,.., S. Eidelman *et al.* [LHCb Collaboration], “Study of beauty hadron decays into pairs of charm hadrons,” Phys. Rev. Lett. **112** (2014) 202001.
- [15] A. Garmash,.., S. Eidelman *et al.* [Belle Collaboration], “Amplitude analysis of $e^+e^- \rightarrow \Upsilon(nS)\pi^+\pi^-$ at $\sqrt{s} = 10.865$ GeV,” Phys. Rev. D **91** (2015) 072003.