Top Cited Refereed Publications in Print Using the SPIRES Classification Scheme

Renowned papers: over 500 citations each


Famous papers: 250-499 citations each


Very well-known papers: 100-249 citations each


2. B. Aubert et al. [BABAR Collaboration], “Search for lepton flavor violation in the decay $\tau \rightarrow \mu \gamma$,” Phys. Rev. Lett. 95, 041802 (2005) [arXiv:hep-ex/0502032].


4. B. Aubert et al. [BABAR Collaboration], “Improved measurement of CP asymmetries in $B^0 \rightarrow (c\bar{c})K^{(*)0}$ decays,” Phys. Rev. Lett. 94, 161803 (2005) [arXiv:hep-ex/0408127].


Well-known papers: 50-99 citations each


14. B. Aubert et al. [BABAR Collaboration], “Measurement of $\gamma$ in $B^\mp \to D^{(*)}K^\mp$ decays with a Dalitz analysis of $D \to K^0_S\pi^-\pi^+\pi^-$,” Phys. Rev. Lett. 95, 121802 (2005) [arXiv:hep-ex/0504039].

15. B. Aubert et al. [BABAR Collaboration], “The $e^+e^- \to \pi^+\pi^-\pi^+\pi^-$, $K^+K^-\pi^+\pi^-$, and $K^+K^-K^+K^-$ cross sections at center-of-mass energies 0.5-GeV - 4.5-GeV measured with initial-state radiation,” Phys. Rev. D 71, 052001 (2005) [arXiv:hep-ex/0502025].

16. B. Aubert et al. [BABAR Collaboration], “Measurement of CP asymmetries in $B_0 \to \phi K^0_s$ and $B^0 \to K^+K^-K^0_S$ decays,” Phys. Rev. D 71, 091102 (2005) [arXiv:hep-ex/0502019].

17. B. Aubert et al. [BABAR Collaboration], “Ambiguity-free measurement of $\cos(2\beta)$: Time-integrated and time-dependent angular analyses of $B \to J/\psi K\pi$,” Phys. Rev. D 71, 032005 (2005) [arXiv:hep-ex/0411016].

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21. B. Aubert et al. [BABAR Collaboration], “Study of the decay $B^0(\overline{B}^0) \to \rho^+\rho^-$, and constraints on the CKM angle $\alpha$,” Phys. Rev. Lett. 93, 231801 (2004) [arXiv:hep-ex/0404029].

22. B. Aubert et al. [BABAR Collaboration], “Determination of the branching fraction for $B \to X_c\ell\nu$ decays and of $|V_{cb}|$ from hadronic mass and lepton energy moments,” Phys. Rev. Lett. 93, 011803 (2004) [arXiv:hep-ex/0404017].


27. B. Aubert et al. [BABAR Collaboration], “$B$ meson decays to $\eta(1295)K^*$, $\eta(1405)\rho$, $\eta(1405)\pi^0$, $\omega\pi^0$, and $\phi\pi^0$,” Phys. Rev. D 70, 032006 (2004) [arXiv:hep-ex/0403025].

29. B. Aubert et al. [BABAR Collaboration], “Measurements of the mass and width of the \( \eta_c \) meson and of an \( \eta_c(2S) \) candidate,” Phys. Rev. Lett. 92, 142002 (2004) [arXiv:hep-ex/0311038].

30. B. Aubert et al. [BABAR Collaboration], “Observation of a narrow meson decaying to \( D_s^+ \pi^0 \gamma \) at a mass of 2.458-GeV/c\(^2\),” Phys. Rev. D 69, 031101 (2004) [arXiv:hep-ex/0310050].

31. B. Aubert et al. [BABAR Collaboration], “Evidence for the rare decay \( B \rightarrow K^* \ell^+ \ell^- \) and measurement of the \( B \rightarrow K \ell^+ \ell^- \) branching fraction,” Phys. Rev. Lett. 91, 221802 (2003) [arXiv:hep-ex/0308042].

32. B. Aubert et al. [BABAR Collaboration], “Observation of the decay \( B_0 \rightarrow \pi^0 \pi^0 \),” Phys. Rev. Lett. 91, 241801 (2003) [arXiv:hep-ex/0308012].


35. B. Aubert et al. [BABAR Collaboration], “Limits on \( D^0 \bar{D}^0 \) mixing and CP violation from the ratio of lifetimes for decay to \( K^- \pi^+, K^- K^+ \) and \( \pi^- \pi^+ \),” Phys. Rev. Lett. 91, 121801 (2003) [arXiv:hep-ex/0306003].

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