

## Publications of J. L. Ritchie

(in refereed journals only)

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1. J. L. Ritchie, A. Bodek, R. N. Coleman, W. L. Marsh, S. Olsen, B. C. Barish, R. L. Messner and M. H. Shaevitz *et al.*, “Prompt Muon Production at Small X(f) and  $p_T$  in 350-GeV  $p$  Fe Collisions,” *Phys. Rev. Lett.* **44**, 230 (1980).
2. A. Bodek and J. L. Ritchie, “Fermi Motion Effects in Deep Inelastic Lepton Scattering from Nuclear Targets,” *Phys. Rev. D* **23**, 1070 (1981).
3. A. Bodek and J. L. Ritchie, “Further Studies of Fermi Motion Effects in Lepton Scattering from Nuclear Targets,” *Phys. Rev. D* **24**, 1400 (1981).
4. A. Bodek, R. Breedon, R. N. Coleman, W. L. Marsh, S. Olsen, J. L. Ritchie, B. C. Barish and R. L. Messner *et al.*, “A Study of the Forward Production of Charm Particle Pairs in  $p$  Fe and  $\pi^-$  Fe Interactions,” *Phys. Lett. B* **113**, 77 (1982).
5. A. Bodek, R. Breedon, R. N. Coleman, W. L. Marsh, S. Olsen, J. L. Ritchie, B. C. Barish and R. L. Messner *et al.*, “Limits on D0 Anti-d0 Mixing and Bottom Particle Production Cross-sections From Hadronically Produced Same Sign Dimuon Events,” *Phys. Lett. B* **113**, 82 (1982).
6. J. L. Ritchie, A. Bodek, R. Breedon, R. N. Coleman, W. L. Marsh, S. L. Olsen, I. E. Stockdale and B. C. Barish *et al.*, “Forward Production of Charm States and Prompt Single Muons in 350-GeV  $p$  Fe Interactions,” *Phys. Lett. B* **126**, 499 (1983).
7. J. L. Ritchie, A. Bodek, R. Breedon, R. N. Coleman, W. L. Marsh, S. L. Olsen, I. E. Stockdale and B. C. Barish *et al.*, “Forward Production of Charm States and Prompt Single Muons in 278-GeV  $\pi^-$  Fe Interactions,” *Phys. Lett. B* **138**, 213 (1984).
8. R. D. Cousins, J. Konigsberg, J. Kubic, P. L. Melese, P. Rubin, W. E. Slater, J. S. Frank and G. W. Hart *et al.*, “Search for the Decays  $K_L^0 \rightarrow \mu e$  and  $K_L^0 \rightarrow ee$ ,” *Phys. Rev. D* **38**, 2914 (1988).
9. K. A. Biery, D. Ouimette and J. L. Ritchie, “A Fast Integrating Eight Bit Bilinear Adc,” *IEEE Trans. Nucl. Sci.* **36**, 650 (1989).
10. R. D. Cousins, J. Konigsberg, J. Kubic, P. L. Melese, G. W. Hart, W. R. Molzon, G. Irwin and D. Ouimette *et al.*, “Fast Parallel Pipelined Readout Architecture for a Completely Flash Digitizing System With Multilevel Trigger,” *Nucl. Instrum. Meth. A* **277**, 517 (1989).
11. C. Mathiazhagan, W. R. Molzon, R. D. Cousins, J. Konigsberg, J. Kubic, P. Melese, P. Rubin and W. E. Slater *et al.*, “New Experimental Limits on  $K_L^0 \rightarrow \mu e$  and  $K_L^0 \rightarrow ee$  Branching Ratios,” *Phys. Rev. Lett.* **63**, 2181 (1989).
12. C. Mathiazhagan, W. R. Molzon, R. D. Cousins, J. Konigsberg, J. Kubic, P. Melese, P. Rubin and W. E. Slater *et al.*, “Measurement of the Branching Ratio for the Decay  $K_L^0 \rightarrow \mu\mu$ ,” *Phys. Rev. Lett.* **63**, 2185 (1989).

13. A. Heinson, J. Horvath, C. Mathiazhagan, W. R. Molzon, K. Arisaka, R. D. Cousins, T. Kaarsberg and J. Konigsberg *et al.*, “Higher statistics measurement of the branching ratio for the decay  $K_L^0 \rightarrow \mu\mu$ ,” *Phys. Rev. D* **44**, 1 (1991).
14. K. Arisaka, L. B. Auerbach, S. Axelrod, J. Belz, K. A. Biery, P. Buchholz, M. D. Chapman and R. D. Cousins *et al.*, “Improved upper limit on the branching ratio  $\mathcal{B}(K_L^0 \rightarrow \mu^\pm e^\mp)$ ,” *Phys. Rev. Lett.* **70**, 1049 (1993).
15. K. Arisaka *et al.* [E791 Collaboration], “Improved sensitivity in a search for the rare decay  $K_L^0 \rightarrow e^+e^-$ ,” *Phys. Rev. Lett.* **71**, 3910 (1993).
16. J. L. Ritchie and S. G. Wojcicki, “Rare  $K$  decays,” *Rev. Mod. Phys.* **65**, 1149 (1993).
17. A. Heinson *et al.* [E791 Collaboration], “Measurement of the branching ratio for the rare decay  $K_L^0 \rightarrow \mu^+\mu^-$ ,” *Phys. Rev. D* **51**, 985 (1995).
18. M. May *et al.* [BNL-E888 Collaboration], “Search for the presence of H particles in a neutral beam,” *Nucl. Phys. A* **585**, 97C (1995).
19. J. L. Ritchie, “Rare kaon decays,” *SLAC Beam Line* **25N4**, 28 (1995) [*SLAC Beam Line* **25**, 28 (1995)].
20. J. Belz *et al.* [BNL-E888 Collaboration], “Search for diffractive dissociation of a longlived H dibaryon,” *Phys. Rev. D* **53**, 3487 (1996).
21. J. Belz *et al.* [BNL-E888 Collaboration], “Search for the weak decay of an H dibaryon,” *Phys. Rev. Lett.* **76**, 3277 (1996) [*Phys. Rev. C* **56**, 1164 (1997)] [hep-ex/9603002].
22. J. Belz *et al.* [E871 Collaboration], “A Compact beam stop for a rare kaon decay experiment,” *Nucl. Instrum. Meth. A* **428**, 239 (1999) [hep-ex/9808037].
23. D. Ambrose *et al.* [BNL E871 Collaboration], “First observation of the rare decay mode  $K_L^0 \rightarrow e^+e^-$ ,” *Phys. Rev. Lett.* **81**, 4309 (1998) [hep-ex/9810007].
24. D. Ambrose *et al.* [BNL Collaboration], “New limit on muon and electron lepton number violation from  $K_L^0 \rightarrow \mu^\pm e^\mp$  decay,” *Phys. Rev. Lett.* **81**, 5734 (1998) [hep-ex/9811038].
25. D. Ambrose *et al.* [E871 Collaboration], “Improved branching ratio measurement for the decay  $K_L^0 \rightarrow \mu^+\mu^-$ ,” *Phys. Rev. Lett.* **84**, 1389 (2000).
26. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction and CP-violating asymmetries in neutral  $B$  decays to  $D^{*\pm}D^\mp$ ,” *Phys. Rev. Lett.* **90**, 221801 (2003) [hep-ex/0303004].
27. B. Aubert *et al.* [BaBar Collaboration], “Study of time-dependent CP asymmetry in neutral  $B$  decays to  $J/\psi\pi^0$ ,” *Phys. Rev. Lett.* **91**, 061802 (2003) [hep-ex/0303018].
28. B. Aubert *et al.* [BaBar Collaboration], “Observation of the decay  $B^\pm \rightarrow \pi^\pm\pi^0$ , study of  $B^\pm \rightarrow K^\pm\pi^0$ , and search for  $B^0 \rightarrow \pi^0\pi^0$ ,” *Phys. Rev. Lett.* **91**, 021801 (2003) [hep-ex/0303028].
29. B. Aubert *et al.* [BaBar Collaboration], “Evidence for  $B^+ \rightarrow J/\psi p\bar{\Lambda}$  and search for  $B^0 \rightarrow J/\psi p\bar{p}$ ,” *Phys. Rev. Lett.* **90**, 231801 (2003) [hep-ex/0303036].

30. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the branching fractions and charge asymmetries of charmless three-body charged  $B$  decays,” Phys. Rev. Lett. **91**, 051801 (2003) [hep-ex/0304006].
31. B. Aubert *et al.* [BaBar Collaboration], “Measurements of CP-violating asymmetries and branching fractions in  $B$  meson decays to  $\eta'K$ ,” Phys. Rev. Lett. **91**, 161801 (2003) [hep-ex/0303046].
32. B. Aubert *et al.* [BaBar Collaboration], “Search for  $D^0 - \bar{D}^0$  mixing and a measurement of the doubly Cabibbo-suppressed decay rate in  $D^0 \rightarrow K\pi$  decays,” Phys. Rev. Lett. **91**, 171801 (2003) [hep-ex/0304007].
33. B. Aubert *et al.* [BaBar Collaboration], “Rare  $B$  decays into states containing a  $J/\psi$  meson and a meson with  $s\bar{s}$  quark content,” Phys. Rev. Lett. **91**, 071801 (2003) [hep-ex/0304014].
34. B. Aubert *et al.* [BaBar Collaboration], “Observation of a narrow meson decaying to  $D_s^+\pi^0$  at a mass of 2.32-GeV/ $c^2$ ,” Phys. Rev. Lett. **90**, 242001 (2003) [hep-ex/0304021].
35. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fractions for the exclusive decays of  $B^0$  and  $B^+$  to  $\bar{D}^{(*)}D^{(*)}K$ ,” Phys. Rev. D **68**, 092001 (2003) [hep-ex/0305003].
36. 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) [hep-ex/0306003].
37. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fractions and CP-violating asymmetries in  $B^0 \rightarrow \rho^\pm h^\mp$  decays,” Phys. Rev. Lett. **91**, 201802 (2003) [hep-ex/0306030].
38. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay  $B^0 \rightarrow D^{*+}D^{*-}$ ,” Phys. Rev. Lett. **91**, 131801 (2003) [hep-ex/0306052].
39. B. Aubert *et al.* [BaBar Collaboration], “Search for the radiative decays  $B \rightarrow \rho\gamma$  and  $B^0 \rightarrow \omega\gamma$ ,” Phys. Rev. Lett. **92**, 111801 (2004) [hep-ex/0306038].
40. B. Aubert *et al.* [BaBar Collaboration], “Rates, polarizations, and asymmetries in charmless vector-vector  $B$  meson decays,” Phys. Rev. Lett. **91**, 171802 (2003) [hep-ex/0307026].
41. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the inclusive charmless semileptonic branching ratio of  $B$  mesons and determination of  $|V_{ub}|$ ,” Phys. Rev. Lett. **92**, 071802 (2004) [hep-ex/0307062].
42. B. Aubert *et al.* [BaBar Collaboration], “Observation of the decay  $B^0 \rightarrow \pi^0\pi^0$ ,” Phys. Rev. Lett. **91**, 241801 (2003) [hep-ex/0308012].
43. 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) [hep-ex/0308042].

44. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time dependent CP asymmetry in  $B^0 \rightarrow D^{(*)\pm}\pi^\mp$  decays and constraints on  $|\sin(2\beta + \gamma)|$ ,” Phys. Rev. Lett. **92**, 251801 (2004) [hep-ex/0308018].
45. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^0 \rightarrow K_2^*(1430)^0\gamma$  and  $B^+ \rightarrow K_2^*(1430)^+\gamma$  branching fractions,” Phys. Rev. D **70**, 091105 (2004) [hep-ex/0409035, hep-ex/0308021].
46. K. Lang *et al.* [BNL E871 Collaboration], “A Straw drift chamber spectrometer for studies of rare kaon decays,” Nucl. Instrum. Meth. A **522**, 274 (2004) [physics/0308047].
47. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction and polarization for the decay  $B^- \rightarrow D^{0*}K^{*-}$ ,” Phys. Rev. Lett. **92**, 141801 (2004) [hep-ex/0308057].
48. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the branching fractions of charged  $B$  decays to  $K^\pm\pi^\mp\pi^\pm$  final states,” Phys. Rev. D **70**, 092001 (2004) [hep-ex/0308065].
49. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fractions in  $B \rightarrow \phi K$  and  $B \rightarrow \phi\pi$  and search for direct CP violation in  $B^\pm \rightarrow \phi K^\pm$ ,” Phys. Rev. D **69**, 011102 (2004) [hep-ex/0309025].
50. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $\sin(2\beta)$  using hadronic  $J/\psi$  decays,” Phys. Rev. D **69**, 052001 (2004) [hep-ex/0309039].
51. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction for  $B^\pm \rightarrow \chi_c^0 K^\pm$ ,” Phys. Rev. D **69**, 071103 (2004) [hep-ex/0310015].
52. B. Aubert *et al.* [BaBar Collaboration], “ $J/\psi$  production via initial state radiation in  $e^+e^- \rightarrow \mu^+\mu^-\gamma$  at an  $e^+e^-$  center-of-mass energy near 10.6-GeV,” Phys. Rev. D **69**, 011103 (2004) [hep-ex/0310027].
53. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions of color-suppressed decays of the  $\bar{B}^0$  meson to  $D^{(*)0}\pi^0$ ,  $D^{(*)0}\eta$ ,  $D^{(*)0}\omega$ , and  $D^0\eta'$ ,” Phys. Rev. D **69**, 032004 (2004) [hep-ex/0310028].
54. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP asymmetries and constraints on  $\sin(2\beta + \gamma)$  with partial reconstruction of  $B^0 \rightarrow D^{*\mp}\pi^\pm$  decays,” Phys. Rev. Lett. **92**, 251802 (2004) [hep-ex/0310037].
55. 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) [hep-ex/0310050].
56. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the average  $\phi$  multiplicity in  $B$  meson decay,” Phys. Rev. D **69**, 052005 (2004) [hep-ex/0311008].
57. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^0 \rightarrow \omega K^0$ ,  $B^+ \rightarrow \eta\pi^+$ , and  $B^+ \rightarrow \eta K^+$  and study of related decays,” Phys. Rev. Lett. **92**, 061801 (2004) [hep-ex/0311016].
58. B. Aubert *et al.* [BaBar Collaboration], “Observation of the decay  $B^0 \rightarrow \rho^+\rho^-$  and measurement of the branching fraction and polarization,” Phys. Rev. D **69**, 031102 (2004) [hep-ex/0311017].

59. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fractions and CP-asymmetry of  $B^- \rightarrow D^0(CP)K^-$  decays with the BaBar detector,” Phys. Rev. Lett. **92**, 202002 (2004) [hep-ex/0311032].
60. B. Aubert *et al.* [BaBar Collaboration], “Limits on the decay-rate difference of neutral  $B$  mesons and on CP, T, and CPT violation in  $B^0\bar{B}^0$  oscillations,” Phys. Rev. Lett. **92**, 181801 (2004) [hep-ex/0311037].
61. 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) [hep-ex/0311038].
62. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions and charge asymmetries in  $B^\pm \rightarrow \rho^\pm\pi^0$  and  $B^\pm \rightarrow \rho^0\pi^\pm$  decays, and search for  $B^0 \rightarrow \rho^0\pi^0$ ,” Phys. Rev. Lett. **93**, 051802 (2004) [hep-ex/0311049].
63. B. Aubert *et al.* [BaBar Collaboration], “Search for lepton flavor violation in the decay  $\tau^- \rightarrow \ell^- \ell^+ \ell^-$ ,” Phys. Rev. Lett. **92**, 121801 (2004) [hep-ex/0312027].
64. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction for  $B^- \rightarrow D^0 K^{*-}$ ,” Phys. Rev. D **69**, 051101 (2004) [hep-ex/0312051].
65. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fractions and CP-violating asymmetries in  $B$  meson decays to charmless two-body states containing a  $K^0$ ,” Phys. Rev. Lett. **92**, 201802 (2004) [hep-ex/0312055].
66. B. Aubert *et al.* [BaBar Collaboration], “Search for the rare leptonic decay  $B^+ \rightarrow \mu^+ \nu_\mu$ ,” Phys. Rev. Lett. **92**, 221803 (2004) [hep-ex/0401002].
67. B. Aubert *et al.* [BaBar Collaboration], “Study of high momentum  $\eta'$  production in  $B \rightarrow \eta' X_s$ ,” Phys. Rev. Lett. **93**, 061801 (2004) [hep-ex/0401006].
68. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^+/B^0$  production ratio from the  $\Upsilon(4S)$  meson using  $B^+ \rightarrow J/\psi K^+$  and  $B^0 \rightarrow J/\psi K_S^0$  decays,” Phys. Rev. D **69**, 071101 (2004) [hep-ex/0401028].
69. B. Aubert *et al.* [BaBar Collaboration], “Study of  $B^\pm \rightarrow J/\psi\pi^\pm$  and  $B^\pm \rightarrow J/\psi K^\pm$  decays: Measurement of the ratio of branching fractions and search for direct CP violation,” Phys. Rev. Lett. **92**, 241802 (2004) [hep-ex/0401035].
70. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B^\pm \rightarrow (K^\mp\pi^\pm)(D)K^\pm$  and upper limit on the  $b \rightarrow u$  amplitude in  $B^\pm \rightarrow DK^\pm$ ,” Phys. Rev. Lett. **93**, 131804 (2004) [hep-ex/0402024].
71. B. Aubert *et al.* [BaBar Collaboration], “Observation of the decay  $B \rightarrow J/\psi\eta K$  and search for  $X(3872) \rightarrow J/\psi\eta$ ,” Phys. Rev. Lett. **93**, 041801 (2004) [hep-ex/0402025].
72. B. Aubert *et al.* [BaBar Collaboration], “Measurements of CP violating asymmetries in  $B^0 \rightarrow K_S^0\pi^0$  decays,” Phys. Rev. Lett. **93**, 131805 (2004) [hep-ex/0403001].
73. B. Aubert *et al.* [BaBar Collaboration], “Limits on the decay rate difference of neutral- $B$  mesons and on CP, T, and CPT violation in  $B^0\bar{B}^0$  oscillations,” Phys. Rev. D **70**, 012007 (2004) [hep-ex/0403002].
74. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^0 \rightarrow p\bar{p}$ ,” Phys. Rev. D **69**, 091503 (2004) [hep-ex/0403003].

75. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction measurements of  $B \rightarrow \eta_c K$  decays,” Phys. Rev. D **70**, 011101 (2004) [hep-ex/0403007].
76. B. Aubert *et al.* [BaBar Collaboration], “ $B$  meson decays to  $\eta^{(\prime)} K^*$ ,  $\eta^{(\prime)} \rho$ ,  $\eta^{(\prime)} \pi^0$ ,  $\omega \pi^0$ , and  $\phi \pi^0$ ,” Phys. Rev. D **70**, 032006 (2004) [hep-ex/0403025].
77. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the time-dependent CP asymmetry in the  $B^0 \rightarrow \phi K^0$  decay,” Phys. Rev. Lett. **93**, 071801 (2004) [hep-ex/0403026].
78. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the electron energy spectrum and its moments in inclusive  $B \rightarrow X e \nu$  decays,” Phys. Rev. D **69**, 111104 (2004) [hep-ex/0403030].
79. B. Aubert *et al.* [BaBar Collaboration], “Measurements of moments of the hadronic mass distribution in semileptonic  $B$  decays,” Phys. Rev. D **69**, 111103 (2004) [hep-ex/0403031].
80. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the direct CP asymmetry in  $b \rightarrow s \gamma$  decays,” Phys. Rev. Lett. **93**, 021804 (2004) [hep-ex/0403035].
81. B. Aubert *et al.* [BaBar Collaboration], “Searches for  $B^0$  decays to combinations of charmless isoscalar mesons,” Phys. Rev. Lett. **93**, 181806 (2004) [hep-ex/0403046].
82. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the ratio of decay amplitudes for  $\bar{B}^0 \rightarrow J/\psi K^{*0}$  and  $B^0 \rightarrow J/\psi K^{*0}$ ,” Phys. Rev. Lett. **93**, 081801 (2004) [hep-ex/0404005].
83. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B \rightarrow X_s \ell^+ \ell^-$  branching fraction with a sum over exclusive modes,” Phys. Rev. Lett. **93**, 081802 (2004) [hep-ex/0404006].
84. B. Aubert *et al.* [BaBar Collaboration], “Determination of the branching fraction for  $B \rightarrow X_c \ell \nu$  decays and of  $|V_{cb}|$  from hadronic mass and lepton energy moments,” Phys. Rev. Lett. **93**, 011803 (2004) [hep-ex/0404017].
85. B. Aubert *et al.* [BaBar Collaboration], “Study of the decay  $B^0(\bar{B}^0) \rightarrow \rho^+ \rho^-$ , and constraints on the CKM angle  $\alpha$ ,” Phys. Rev. Lett. **93**, 231801 (2004) [hep-ex/0404029].
86. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B^0$  decays to invisible final states and to  $\nu \bar{\nu} \gamma$ ,” Phys. Rev. Lett. **93**, 091802 (2004) [hep-ex/0405071].
87. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP-violating asymmetries in  $B^0 \rightarrow K^{*0} \gamma (K^{*0} \rightarrow K_S^0 \pi^0)$  decays,” Phys. Rev. Lett. **93**, 201801 (2004) [hep-ex/0405082].
88. B. Aubert *et al.* [BaBar Collaboration], “A measurement of the total width, the electronic width, and the mass of the  $\Upsilon(10580)$  resonance,” Phys. Rev. D **72**, 032005 (2005) [hep-ex/0405025].
89. B. Aubert *et al.* [BaBar Collaboration], “Branching fractions and CP asymmetries in  $B^0 \rightarrow K^+ K^- K_S^0$  and  $B^+ \rightarrow K^+ K_S^0 K_S^0$ ,” Phys. Rev. Lett. **93**, 181805 (2004) [hep-ex/0406005].

90. B. Aubert *et al.* [BaBar Collaboration], “Study of the  $B \rightarrow J/\psi K^- \pi^+ \pi^-$  decay and measurement of the  $B \rightarrow X(3872)K^-$  branching fraction,” Phys. Rev. D **71**, 071103 (2005) [hep-ex/0406022].
91. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the branching fraction and CP-violation asymmetries in  $B^0 \rightarrow f_0(980)K_S^0$ ,” Phys. Rev. Lett. **94**, 041802 (2005) [hep-ex/0406040].
92. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions, and CP and isospin asymmetries, for  $B \rightarrow K^* \gamma$ ,” Phys. Rev. D **70**, 112006 (2004) [hep-ex/0407003].
93. B. Aubert *et al.* [BaBar Collaboration], “Search for B-meson decays to two-body final states with  $a_0(980)$  mesons,” Phys. Rev. D **70**, 111102 (2004) [hep-ex/0407013].
94. B. Aubert *et al.* [BaBar Collaboration], “Observation of direct CP violation in  $B^0 \rightarrow K^+ \pi^-$  decays,” Phys. Rev. Lett. **93**, 131801 (2004) [hep-ex/0407057].
95. B. Aubert *et al.* [BaBar Collaboration], “Search for the rare leptonic decay  $B^- \rightarrow \tau^- \bar{\nu}_\tau$ ,” Phys. Rev. Lett. **95**, 041804 (2005) [hep-ex/0407038].
96. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^0 \rightarrow \phi K^0$  decay amplitudes,” Phys. Rev. Lett. **93**, 231804 (2004) [hep-ex/0408017].
97. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^0 \rightarrow J/\psi \gamma$ ,” Phys. Rev. D **70**, 091104 (2004) [hep-ex/0408018].
98. B. Aubert *et al.* [BaBar Collaboration], “Search for flavor-changing neutral current and lepton flavor violating decays of  $D^0 \rightarrow \ell^+ \ell^-$ ,” Phys. Rev. Lett. **93**, 191801 (2004) [hep-ex/0408023].
99. B. Aubert *et al.* [BaBar Collaboration], “Study of  $B \rightarrow D_{sJ}^{(*)+} \bar{D}^{(*)}$  decays,” Phys. Rev. Lett. **93**, 181801 (2004) [hep-ex/0408041].
100. B. Aubert *et al.* [BaBar Collaboration], “Measurement of neutral  $B$  decay branching fractions to  $K_S^0 \pi^+ \pi^-$  final states,” Phys. Rev. D **70**, 091103 (2004) [hep-ex/0408054].
101. B. Aubert *et al.* [BaBar Collaboration], “Study of  $e^+ e^- \rightarrow \pi^+ \pi^- \pi^0$  process using initial state radiation with BaBar,” Phys. Rev. D **70**, 072004 (2004) [hep-ex/0408078].
102. B. Aubert *et al.* [BaBar Collaboration], “Search for  $D^0 - \bar{D}^0$  mixing using semileptonic decay modes,” Phys. Rev. D **70**, 091102 (2004) [hep-ex/0408066].
103. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fractions for inclusive  $B^-$  and  $\bar{B}^0$  decays to flavor-tagged  $D$ ,  $D_s$  and  $\Lambda_c$ ,” Phys. Rev. D **70**, 091106 (2004) [hep-ex/0408113].
104. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $\bar{B}^0 \rightarrow D^{*+} \ell^- \bar{\nu}_\ell$  decay rate and  $|V_{cb}|$ ,” Phys. Rev. D **71**, 051502 (2005) [hep-ex/0408027].
105. B. Aubert *et al.* [BaBar Collaboration], “Search for the radiative penguin decays  $B^+ \rightarrow \rho^+ \gamma$ ,  $B^0 \rightarrow \rho^0 \gamma$ , and  $B^0 \rightarrow \omega \gamma$ ,” Phys. Rev. Lett. **94**, 011801 (2005) [hep-ex/0408034].

106. B. Aubert *et al.* [BaBar Collaboration], “Search for decays of  $B^0$  mesons into pairs of charged leptons:  $B^0 \rightarrow e^+e^-$ ,  $B^0 \rightarrow \mu^+\mu^-$ ,  $B^0 \rightarrow e^\pm\mu^\mp$ ,” Phys. Rev. Lett. **94**, 221803 (2005) [hep-ex/0408096].
107. 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) [hep-ex/0408127].
108. B. Aubert *et al.* [BaBar Collaboration], “Ambiguity-free measurement of  $\cos(2\beta)$ : Time-integrated and time-dependent angular analyses of  $B \rightarrow J/\psi K\pi$ ,” Phys. Rev. D **71**, 032005 (2005) [hep-ex/0411016].
109. B. Aubert *et al.* [BaBar Collaboration], “Measurements of  $B$  meson decays to  $\omega K^*$  and  $\omega\rho$ ,” Phys. Rev. D **71**, 031103 (2005) [hep-ex/0411054].
110. B. Aubert *et al.* [BaBar Collaboration], “A search for the decay  $B^+ \rightarrow K^+\nu\bar{\nu}$ ,” Phys. Rev. Lett. **94**, 101801 (2005) [hep-ex/0411061].
111. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the ratio  $B(B^- \rightarrow D^{*0}K^-)/B(B^- \rightarrow D^{*0}\pi^-)$  and of the CP asymmetry of  $B^- \rightarrow D_{CP+}^{*0}K^-$  decays,” Phys. Rev. D **71**, 031102 (2005) [hep-ex/0411091].
112. B. Aubert *et al.* [BaBar Collaboration], “Branching fractions and CP asymmetries in  $B^0 \rightarrow \pi^0\pi^0$ ,  $B^+ \rightarrow \pi^+\pi^0$  and  $B^+ \rightarrow K^+\pi^0$  decays and isospin analysis of the  $B \rightarrow \pi\pi$  system,” Phys. Rev. Lett. **94**, 181802 (2005) [hep-ex/0412037].
113. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fraction and Dalitz distribution for  $B^0 \rightarrow D^{(*)\pm}K^0\pi^\mp$  decays,” Phys. Rev. Lett. **95**, 171802 (2005) [hep-ex/0412040].
114. B. Aubert *et al.* [BaBar Collaboration], “Search for a charged partner of the X(3872) in the  $B$  meson decay  $B \rightarrow X^-K$ ,  $X^- \rightarrow J/\psi\pi^-\pi^0$ ,” Phys. Rev. D **71**, 031501 (2005) [hep-ex/0412051].
115. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions and charge asymmetries for exclusive  $B$  decays to charmonium,” Phys. Rev. Lett. **94**, 141801 (2005) [hep-ex/0412062].
116. B. Aubert *et al.* [BaBar Collaboration], “Limit on the  $B^0 \rightarrow \rho^0\rho^0$  branching fraction and implications for the CKM angle alpha,” Phys. Rev. Lett. **94**, 131801 (2005) [hep-ex/0412067].
117. B. Aubert *et al.* [BaBar Collaboration], “Search for the radiative decay  $B \rightarrow \phi\gamma$ ,” Phys. Rev. D **72**, 091103 (2005) [hep-ex/0501038].
118. B. Aubert *et al.* [BaBar Collaboration], “Search for factorization-suppressed  $B \rightarrow \chi_c K^{(*)}$  decays,” Phys. Rev. Lett. **94**, 171801 (2005) [hep-ex/0501061].
119. B. Aubert *et al.* [BaBar Collaboration], “Improved measurements of CP-violating asymmetry amplitudes in  $B^0 \rightarrow \pi^+\pi^-$  decays,” Phys. Rev. Lett. **95**, 151803 (2005) [hep-ex/0501071].
120. B. Aubert *et al.* [BaBar Collaboration], “A search for CP violation and a measurement of the relative branching fraction in  $D^+ \rightarrow K^-K^+\pi^+$  decays,” Phys. Rev. D **71**, 091101 (2005) [hep-ex/0501075].



121. B. Aubert *et al.* [BaBar Collaboration], “Search for strange-pentaquark production in  $e^+e^-$  annihilation at  $\sqrt{s} = 10.58$  GeV,” Phys. Rev. Lett. **95**, 042002 (2005) [hep-ex/0502004].
122. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction and CP asymmetries of  $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ ,” Phys. Rev. Lett. **95**, 011801 (2005) [hep-ex/0502013].
123. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fractions and time-dependent CP-violating asymmetries in  $B \rightarrow \eta' K$  decays,” Phys. Rev. Lett. **94**, 191802 (2005) [hep-ex/0502017].
124. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP asymmetries in  $B^0 \rightarrow \phi K^0$  and  $B^0 \rightarrow K^+ K^- K_S^0$  decays,” Phys. Rev. D **71**, 091102 (2005) [hep-ex/0502019].
125. B. Aubert *et al.* [BaBar Collaboration], “The  $e^+e^- \rightarrow \pi^+\pi^-\pi^+\pi^-$ ,  $K^+K^-\pi^+\pi^-$ , 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) [hep-ex/0502025].
126. B. Aubert *et al.* [BaBar Collaboration], “Search for lepton flavor violation in the decay  $\tau \rightarrow \mu\gamma$ ,” Phys. Rev. Lett. **95**, 041802 (2005) [hep-ex/0502032].
127. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^0 \rightarrow D^{*-} D_s^{*+}$  and  $D_s^+ \rightarrow \phi\pi^+$  branching fractions,” Phys. Rev. D **71**, 091104 (2005) [hep-ex/0502041].
128. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction and the CP-violating asymmetry for the decay  $B^0 \rightarrow K_S^0 \pi^0$ ,” Phys. Rev. D **71**, 111102 (2005) [hep-ex/0503011].
129. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B \rightarrow J/\psi D$  decays,” Phys. Rev. D **71**, 091103 (2005) [hep-ex/0503021].
130. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions and charge asymmetries in  $B^+$  decays to  $\eta\pi^+$ ,  $\eta K^+$ ,  $\eta\rho^+$  and  $\eta'\pi^+$ , and search for  $B^0$  decays to  $\eta K^0$  and  $\eta\omega$ ,” Phys. Rev. Lett. **95**, 131803 (2005) [hep-ex/0503035].
131. B. Aubert *et al.* [BaBar Collaboration], “Improved measurement of the CKM angle  $\alpha$  using  $B^0 \rightarrow \rho^+\rho^-$  decays,” Phys. Rev. Lett. **95**, 041805 (2005) [hep-ex/0503049].
132. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction of  $\Upsilon(4S) \rightarrow B^0 \bar{B}^0$ ,” Phys. Rev. Lett. **95**, 042001 (2005) [hep-ex/0504001].
133. B. Aubert *et al.* [BaBar Collaboration], “Evidence for the decay  $B^\pm \rightarrow K^{*\pm} \pi^0$ ,” Phys. Rev. D **71**, 111101 (2005) [hep-ex/0504009].
134. B. Aubert *et al.* [BaBar Collaboration], “Production and decay of  $\Xi_c^0$  at BABAR,” Phys. Rev. Lett. **95**, 142003 (2005) [hep-ex/0504014].
135. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP-violating asymmetries and constraints on  $\sin(2\beta+\gamma)$  with partial reconstruction of  $B \rightarrow D^{*\mp} \pi^\pm$  decays,” Phys. Rev. D **71**, 112003 (2005) [hep-ex/0504035].
136. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $\gamma$  in  $B^\mp \rightarrow D^{(*)} K^\mp$  decays with a Dalitz analysis of  $D \rightarrow K_S^0 \pi^- \pi^+$ ,” Phys. Rev. Lett. **95**, 121802 (2005) [hep-ex/0504039].

137. B. Aubert *et al.* [BaBar Collaboration], “Search for  $b \rightarrow u$  transitions in  $B^- \rightarrow D^0 K^-$  and  $B^- \rightarrow D^{*0} K^-$ ,” Phys. Rev. D **72**, 032004 (2005) [hep-ex/0504047].
138. B. Aubert *et al.* [BaBar Collaboration], “Study of the  $\tau^- \rightarrow 3h^- 2h^+ \nu_\tau$  decay,” Phys. Rev. D **72**, 072001 (2005) [hep-ex/0505004].
139. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction and decay rate asymmetry of  $B^- \rightarrow D(\pi^+ \pi^- \pi^0) K^-$ ,” Phys. Rev. D **72**, 071102 (2005) [hep-ex/0505084].
140. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP asymmetries in  $B^0 \rightarrow D^{(*)\pm} D^\mp$  decays,” Phys. Rev. Lett. **95**, 131802 (2005) [hep-ex/0505092].
141. B. Aubert *et al.* [BaBar Collaboration], “Search for the rare decays  $B^+ \rightarrow D^{(*)+} K_S^0$ ,” Phys. Rev. D **72**, 011102 (2005) [hep-ex/0505099].
142. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $\tau^- \rightarrow 4\pi^- 3\pi^+(\pi^0)\nu_\tau$ ,” Phys. Rev. D **72**, 012003 (2005) [hep-ex/0506007].
143. B. Aubert *et al.* [BaBar Collaboration], “Measurement of double charmonium production in  $e^+e^-$  annihilations at  $\sqrt{s} = 10.6$  GeV,” Phys. Rev. D **72**, 031101 (2005) [hep-ex/0506062].
144. B. Aubert *et al.* [BaBar Collaboration], “Search for lepton-flavor and lepton-number violation in the decay  $\tau^- \rightarrow \ell^\mp h^\pm h'^-$ ,” Phys. Rev. Lett. **95**, 191801 (2005) [hep-ex/0506066].
145. B. Aubert *et al.* [BaBar Collaboration], “Search for the rare decay  $\bar{B}^0 \rightarrow D^{*0} \gamma$ ,” Phys. Rev. D **72**, 051106 (2005) [hep-ex/0506070].
146. B. Aubert *et al.* [BaBar Collaboration], “Observation of a broad structure in the  $\pi^+ \pi^- J/\psi$  mass spectrum around 4.26-GeV/ $c^2$ ,” Phys. Rev. Lett. **95**, 142001 (2005) [hep-ex/0506081].
147. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay  $B^0 \rightarrow D^{*+} D^{*-}$ ,” Phys. Rev. Lett. **95**, 151804 (2005) [hep-ex/0506082].
148. B. Aubert *et al.* [BaBar Collaboration], “Determination of  $|V_{ub}|$  from measurements of the electron and neutrino momenta in inclusive semileptonic  $B$  decays,” Phys. Rev. Lett. **95**, 111801 (2005) [Erratum-ibid. **97**, 019903 (2006)] [hep-ex/0506036].
149. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP asymmetries for the decays  $B^\pm \rightarrow D_{CP}^0 K^{*\pm}$ ,” Phys. Rev. D **72**, 071103 (2005) [hep-ex/0507002].
150. B. Aubert *et al.* [BaBar Collaboration], “Study of  $B \rightarrow \pi \ell \nu$  and  $B \rightarrow \rho \ell \nu$  decays and determination of  $|V_{ub}|$ ,” Phys. Rev. D **72**, 051102 (2005) [hep-ex/0507003].
151. B. Aubert *et al.* [BaBar Collaboration], “A precision measurement of the  $\Lambda_c^+$  baryon mass,” Phys. Rev. D **72**, 052006 (2005) [hep-ex/0507009].
152. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^+ \rightarrow p \bar{p} K^+$  branching fraction and study of the decay dynamics,” Phys. Rev. D **72**, 051101 (2005) [hep-ex/0507012].

153. B. Aubert *et al.* [BaBar Collaboration], “Evidence for  $B^+ \rightarrow \bar{K}^0 K^+$  and  $B^0 \rightarrow K^0 \bar{K}^0$ , and measurement of the branching fraction and search for direct CP violation in  $B^+ \rightarrow K^0 \pi^+$ ,” Phys. Rev. Lett. **95**, 221801 (2005) [hep-ex/0507023].
154. B. Aubert *et al.* [BaBar Collaboration], “An amplitude analysis of the decay  $B^\pm \rightarrow \pi^\pm \pi^\pm \pi^\mp$ ,” Phys. Rev. D **72**, 052002 (2005) [hep-ex/0507025].
155. B. Aubert *et al.* [BaBar Collaboration], “Dalitz plot analysis of  $D^0 \rightarrow \bar{K}^0 K^+ K^-$ ,” Phys. Rev. D **72**, 052008 (2005) [hep-ex/0507026].
156. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the time-dependent CP-violating asymmetry in  $B^0 \rightarrow K_S^0 \pi^0 \gamma$  decays,” Phys. Rev. D **72**, 051103 (2005) [hep-ex/0507038].
157. B. Aubert *et al.* [BaBar Collaboration], “Dalitz-plot analysis of the decays  $B^\pm \rightarrow K^\pm \pi^\mp \pi^\pm$ ,” Phys. Rev. D **72**, 072003 (2005) [Erratum-ibid. D **74**, 099903 (2006)] [hep-ex/0507004].
158. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $\bar{B}^0$  lifetime and the  $B^0 \bar{B}^0$  oscillation frequency using partially reconstructed  $\bar{B}^0 \rightarrow D^{*+} \ell^- \bar{\nu}_\ell$  decays,” Phys. Rev. D **73**, 012004 (2006) [hep-ex/0507054].
159. B. Aubert *et al.* [BaBar Collaboration], “A search for the decay  $B^+ \rightarrow \tau^+ \nu_\tau$ ,” Phys. Rev. D **73**, 057101 (2006) [hep-ex/0507069].
160. B. Aubert *et al.* [BaBar Collaboration], “Study of  $J/\psi \pi^+ \pi^-$  states produced in  $B^0 \rightarrow J/\psi \pi^+ \pi^- K^0$  and  $B^- \rightarrow J/\psi \pi^+ \pi^- K^-$ ,” Phys. Rev. D **73**, 011101 (2006) [hep-ex/0507090].
161. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions and mass spectra of  $B \rightarrow K \pi \pi \gamma$ ,” Phys. Rev. Lett. **98**, 211804 (2007) [Erratum-ibid. **100**, 189903 (2008)] [Erratum-ibid. **100**, 199905 (2008)] [hep-ex/0507031].
162. B. Aubert *et al.* [BaBar Collaboration], “A study of  $b \rightarrow c$  and  $b \rightarrow u$  interference in the decay  $B^- \rightarrow (K^+ \pi^-) D K^{*-}$ ,” Phys. Rev. D **72**, 071104 (2005) [hep-ex/0508001].
163. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the  $B \rightarrow X_s \gamma$  branching fraction and photon spectrum from a sum of exclusive final states,” Phys. Rev. D **72**, 052004 (2005) [hep-ex/0508004].
164. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching ratios  $\Gamma(D_s^{*+} \rightarrow D_s^+ \pi^0)/\Gamma(D_s^{*+} \rightarrow D_s^+ \gamma)$  and  $\Gamma(D^{*0} \rightarrow D^0 \pi^0)/\Gamma(D^{*0} \rightarrow D^0 \gamma)$ ,” Phys. Rev. D **72**, 091101 (2005) [hep-ex/0508039].
165. B. Aubert *et al.* [BaBar Collaboration], “Search for lepton flavor violation in the decay  $\tau^\pm \rightarrow e^\pm \gamma$ ,” Phys. Rev. Lett. **96**, 041801 (2006) [hep-ex/0508012].
166. B. Aubert *et al.* [BaBar Collaboration], “Measurements of neutral  $B$  decay branching fractions to  $K_S^0 \pi^+ \pi^-$  final states and the charge asymmetry of  $B^0 \rightarrow K^{*+} \pi^-$ ,” Phys. Rev. D **73**, 031101 (2006) [hep-ex/0508013].
167. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions and resonance contributions for  $B^0 \rightarrow \bar{D}^0 K^+ \pi^-$  and search for  $B^0 \rightarrow D^0 K^+ \pi^-$  decays,” Phys. Rev. Lett. **96**, 011803 (2006) [hep-ex/0509036].

168. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic endpoint and determination of  $-\text{V}(\text{ub})-$ ,” Phys. Rev. D **73**, 012006 (2006) [hep-ex/0509040].
169. B. Aubert *et al.* [BaBar Collaboration], “Search for the  $W^-$  exchange decays  $B^0 \rightarrow D_s^*(*) - D_s^*(*) +$ ,” Phys. Rev. D **72**, 111101 (2005) [hep-ex/0510051].
170. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the absolute branching fractions of  $B^\pm \rightarrow K^\pm X(c\bar{c})$ ,” Phys. Rev. Lett. **96**, 052002 (2006) [hep-ex/0510070].
171. B. Aubert *et al.* [BaBar Collaboration], “A search for the rare decay  $B^0 \rightarrow \tau^+\tau^-$  at BABAR,” Phys. Rev. Lett. **96**, 241802 (2006) [hep-ex/0511015].
172. B. Aubert *et al.* [BaBar Collaboration], “A Study of  $e^+e^- \rightarrow p\bar{p}$  using initial state radiation with BABAR,” Phys. Rev. D **73**, 012005 (2006) [hep-ex/0512023].
173. B. Aubert *et al.* [BaBar Collaboration], “Search for rare quark-annihilation decays,  $B^- \rightarrow D_s^*(*) - \phi$ ,” Phys. Rev. D **73**, 011103 (2006) [hep-ex/0512028].
174. B. Aubert *et al.* [BaBar Collaboration], “Search for the rare decays  $B^0 \rightarrow D^{(*)} + (s) a-0(2)$ ,” Phys. Rev. D **73**, 071103 (2006) [hep-ex/0512031].
175. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the branching fractions and CP-asymmetries of  $B^- \rightarrow D_{CP}^0 K$  decays,” Phys. Rev. D **73**, 051105 (2006) [hep-ex/0512067].
176. B. Aubert *et al.* [BaBar Collaboration], “Determinations of  $-\text{V}(\text{ub})-$  from inclusive semileptonic B decays with reduced model dependence,” Phys. Rev. Lett. **96**, 221801 (2006) [hep-ex/0601046].
177. B. Aubert *et al.* [BaBar Collaboration], “Measurements of Lambda(c)+ branching fractions of Cabibbo-suppressed decay modes involving Lambda and Sigma0,” Phys. Rev. D **75**, 052002 (2007) [hep-ex/0601017].
178. B. Aubert *et al.* [BaBar Collaboration], “The  $e^+e^- \rightarrow 3(\pi^+\pi^-), 2(\pi^+\pi^-\pi^0)$  and  $K^+K^-2(\pi^+\pi^-)$  cross sections at center-of-mass energies from production threshold to 4.5-GeV measured with initial-state radiation,” Phys. Rev. D **73**, 052003 (2006) [hep-ex/0602006].
179. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the  $B \rightarrow D^*$  form-factors using the decay  $\bar{B}^0 \rightarrow D^{*+}e^-$  electron-neutrino,” Phys. Rev. D **74**, 092004 (2006) [hep-ex/0602023].
180. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP asymmetries in  $B^0 \rightarrow D^{(*)} +-\pi^\mp$  and  $B^0 \rightarrow D^\pm \rho^\mp$  decays,” Phys. Rev. D **73**, 111101 (2006) [hep-ex/0602049].
181. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the branching fraction and time-dependent CP asymmetries of  $B^0 \rightarrow J/\psi\pi^0$  decays,” Phys. Rev. D **74**, 011101 (2006) [hep-ex/0603012].
182. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction limits for B0 decays to eta-prime eta, eta- prime pi0 and eta pi0,” Phys. Rev. D **73**, 071102 (2006) [hep-ex/0603013].

183. B. Aubert *et al.* [BaBar Collaboration], “Measurements of CP-violating asymmetries and branching fractions in B decays to omega K and omega pi,” Phys. Rev. D **74**, 011106 (2006) [hep-ex/0603040].
184. B. Aubert *et al.* [BaBar Collaboration], “Observation of B0 Meson Decay to a+(1)(1260) pi-+,” Phys. Rev. Lett. **97**, 051802 (2006) [hep-ex/0603050].
185. B. Aubert *et al.* [BaBar Collaboration], “Search for T, CP and CPT violation in B0 anti-B0 mMixing with inclusive dilepton events,” Phys. Rev. Lett. **96**, 251802 (2006) [hep-ex/0603053].
186. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions in radiative B decays to eta K gamma and search for B decays to eta-prime K gamma,” Phys. Rev. D **74**, 031102 (2006) [hep-ex/0603054].
187. B. Aubert *et al.* [BaBar Collaboration], “Observation of a charmed baryon decaying to D0p at a mass near 2.94-GeV/c\*\*2,” Phys. Rev. Lett. **98**, 012001 (2007) [hep-ex/0603052].
188. B. Aubert *et al.* [BaBar Collaboration], “Search for the charmed pentaquark candidate Theta(c)(3100)0 in e+ e- annihilations at s\*\*(1/2) = 10.58-GeV,” Phys. Rev. D **73**, 091101 (2006) [hep-ex/0604006].
189. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays  $B \rightarrow K\ell^+\ell^-$  and  $B \rightarrow K^*\ell^+\ell^-$ ,” Phys. Rev. D **73**, 092001 (2006) [hep-ex/0604007].
190. B. Aubert *et al.* [BaBar Collaboration], “Study of the decay  $\bar{B}^0 \rightarrow D^{*+}\omega\pi^-$ ,” Phys. Rev. D **74**, 012001 (2006) [hep-ex/0604009].
191. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $\tau^- \rightarrow 3\pi^-2\pi^+2\pi^0\nu_{\tau}$ ,” Phys. Rev. D **73**, 112003 (2006) [hep-ex/0604014].
192. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $\bar{b}^0 \rightarrow D^{(*)}0\bar{K}^0$  branching fractions,” Phys. Rev. D **74**, 031101 (2006) [hep-ex/0604016].
193. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^- \rightarrow D^0K^{*-}$  branching fraction,” Phys. Rev. D **73**, 111104 (2006) [hep-ex/0604017].
194. B. Aubert *et al.* [BaBar Collaboration], “A Study of the D\*(sJ)(2317) and D(sJ)(2460) Mesons in Inclusive c anti-c Production Near (s)\*\*(1/2) = 10.6-GeV,” Phys. Rev. D **74**, 032007 (2006) [hep-ex/0604030].
195. B. Aubert *et al.* [BaBar Collaboration], “Observation of Upsilon(4S) decays to pi+ pi- Upsilon(1S) and pi+ pi- Upsilon(2S),” Phys. Rev. Lett. **96**, 232001 (2006) [hep-ex/0604031].
196. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions and CP-violating charge asymmetries for B meson decays to D(\*) anti-D(\*), and implications for the CKM angle gamma,” Phys. Rev. D **73**, 112004 (2006) [hep-ex/0604037].
197. B. Aubert *et al.* [BaBar Collaboration], “Observation of Decays  $B^0 \rightarrow D_s^0 + \pi^-$  and  $B^0 \rightarrow D_s^0 - K^+$ ,” Phys. Rev. Lett. **98**, 081801 (2007) [hep-ex/0604012].
198. B. Aubert *et al.* [BaBar Collaboration], “Dalitz plot analysis of the decay  $B^\pm \rightarrow K^\pm K^\pm K^\mp$ ,” Phys. Rev. D **74**, 032003 (2006) [hep-ex/0605003].

199. B. Aubert *et al.* [BaBar Collaboration], “Search for B Meson Decays to eta’ eta’ K,” Phys. Rev. D **74**, 031105 (2006) [hep-ex/0605008].
200. B. Aubert *et al.* [BaBar Collaboration], “B meson decays to mega K\*, omega rho, omega omega, omega phi, and omega f(0),” Phys. Rev. D **74**, 051102 (2006) [hep-ex/0605017].
201. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the eta and eta-prime transition form-factors at  $q^{*2} = 112\text{-GeV}^{*2}$ ,” Phys. Rev. D **74**, 012002 (2006) [hep-ex/0605018].
202. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^0 \rightarrow a(1) + \rho^\pm$ ,” Phys. Rev. D **74**, 031104 (2006) [hep-ex/0605024].
203. B. Aubert *et al.* [BaBar Collaboration], “Study of  $B \rightarrow D^{(*)}D^{(*)} (s(J))$  Decays and Measurement of  $D_s^-$  and  $D_{sJ} (2460)$  - Branching Fractions,” Phys. Rev. D **74**, 031103 (2006) [hep-ex/0605036].
204. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B^+ \rightarrow \phi\pi^+$  and  $B^0 \rightarrow \phi\pi^0$  Decays,” Phys. Rev. D **74**, 011102 (2006) [hep-ex/0605037].
205. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $D^+ \rightarrow \pi^+\pi^0$  and  $D^+ \rightarrow K^+\pi^0$  branching fractions,” Phys. Rev. D **74**, 011107 (2006) [hep-ex/0605044].
206. B. Aubert *et al.* [BaBar Collaboration], “Search for doubly charmed baryons Xi(cc)+ and Xi(cc)++ in BABAR,” Phys. Rev. D **74**, 011103 (2006) [hep-ex/0605075].
207. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^0 \rightarrow K_s^0 K_s^0 K_L^0$ ,” Phys. Rev. D **74**, 032005 (2006) [hep-ex/0606031].
208. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the spin of the Omega-hyperon at BABAR,” Phys. Rev. Lett. **97**, 112001 (2006) [hep-ex/0606039].
209. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay of a B0 or anti-B0 meson to anti-K\*0 K0 or K\*0 anti-K0,” Phys. Rev. D **74**, 072008 (2006) [hep-ex/0606050].
210. B. Aubert *et al.* [BaBar Collaboration], “Observation of e+e- Annihilations into the C = +1 Hadronic Final States rho0 rho0 and phi rho0,” Phys. Rev. Lett. **97**, 112002 (2006) [hep-ex/0606054].
211. B. Aubert *et al.* [BaBar Collaboration], “Study of inclusive B- and anti-B0 decays to flavor-tagged D, D(s) and Lambda+(c),” Phys. Rev. D **75**, 072002 (2007) [hep-ex/0606026].
212. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the Decays  $B^0 \rightarrow \bar{D}^0 p\bar{p}$ ,  $B^0 \rightarrow \bar{D}^* 0 p\bar{p}$ ,  $B^0 \rightarrow D^- p\bar{p}\pi^+$ , and  $B^0 \rightarrow D^{*-} p\bar{p}\pi^+$ ,” Phys. Rev. D **74**, 051101 (2006) [hep-ex/0607039].
213. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B^+ \rightarrow X(3872)K^+$ ,  $X_{3872} \rightarrow J/\psi\gamma$ ,” Phys. Rev. D **74**, 071101 (2006) [hep-ex/0607050].
214. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in  $B \rightarrow \rho K^*$  and  $B \rightarrow f_0(980) K^*$  decays,” Phys. Rev. Lett. **97**, 201801 (2006) [hep-ex/0607057].

215. B. Aubert *et al.* [BaBar Collaboration], “Searches for B0 decays to eta K0, eta eta, eta-prime eta-prime, eta phi, and eta-prime phi,” Phys. Rev. D **74**, 051106 (2006) [hep-ex/0607063].
216. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction and photon energy moments of  $B \rightarrow X_s \gamma$  and  $A_{CP}(B \rightarrow X_{s+d} \gamma)$ ,” Phys. Rev. Lett. **97**, 171803 (2006) [hep-ex/0607071].
217. B. Aubert *et al.* [BaBar Collaboration], “Observation of a New D(s) Meson Decaying to DK at a Mass of 2.86-GeV/c<sup>2</sup>,” Phys. Rev. Lett. **97**, 222001 (2006) [hep-ex/0607082].
218. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B \rightarrow \pi \ell \nu$  Branching Fraction and Determination of  $|V_{ub}|$  with Tagged B Mesons,” Phys. Rev. Lett. **97**, 211801 (2006) [hep-ex/0607089].
219. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fraction, polarization, and charge asymmetry of  $B^\pm \rightarrow \rho^\pm \rho^0$  and a search for  $B^\pm \rightarrow \rho^\pm f_0(980)$ ,” Phys. Rev. Lett. **97**, 261801 (2006) [hep-ex/0607092].
220. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the ratio  $B(B^+ \rightarrow X e \nu) / B(B^0 \rightarrow X e \nu)$ ,” Phys. Rev. D **74**, 091105 (2006) [hep-ex/0607111].
221. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction measurements of charged B decays to  $K^*+ K+ K-$ ,  $K^*+ \pi+ K-$ ,  $K^*+ K+ \pi-$  and  $K^*+ \pi+ \pi-$  final states,” Phys. Rev. D **74**, 051104 (2006) [hep-ex/0607113].
222. B. Aubert *et al.* [BaBar Collaboration], “Search for the reactions  $e^+ e^- \rightarrow \mu^+ \tau^-$  and  $e^+ e^- \rightarrow e^+ \tau^-$ ,” Phys. Rev. D **75**, 031103 (2007) [hep-ex/0607044].
223. B. Aubert *et al.* [BaBar Collaboration], “Study of the Exclusive Initial-State Radiation Production of the D anti-D System,” Phys. Rev. D **76**, 111105 (2007) [hep-ex/0607083].
224. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Pseudoscalar Decay Constant  $f(D(s))$  Using Charm-Tagged Events in  $e^+ e^-$  Collisions at  $s^{*}(1/2) = 10.58$ -GeV,” Phys. Rev. Lett. **98**, 141801 (2007) [hep-ex/0607094].
225. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B \rightarrow \eta' K^*$  and evidence for  $B^+ \rightarrow \eta' \rho^+$ ,” Phys. Rev. Lett. **98**, 051802 (2007) [hep-ex/0607109].
226. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a K\* meson,” Phys. Rev. Lett. **97**, 201802 (2006) [hep-ex/0608005].
227. B. Aubert *et al.* [BaBar Collaboration], “Search for  $D^0$ -anti- $D^0$  Mixing and Branching-Ratio Measurement in the Decay  $D^0 \rightarrow K^+ \pi^- \pi^0$ ,” Phys. Rev. Lett. **97**, 221803 (2006) [hep-ex/0608006].
228. B. Aubert *et al.* [BaBar Collaboration], “Precise Branching Ratio Measurements of the Decays  $D^0 \rightarrow \pi^- \pi^+ \pi^0$  and  $D^0 \rightarrow K^- K^+ \pi^0$ ,” Phys. Rev. D **74**, 091102 (2006) [hep-ex/0608009].
229. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Branching Fraction and Time-Dependent CP Asymmetry in the Decay  $B^0 \rightarrow D^{*+} D^{*-} K_s^0$ ,” Phys. Rev. D **74**, 091101 (2006) [hep-ex/0608016].

230. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^+ \rightarrow \bar{K}^0 K^+$  and  $B^0 \rightarrow K^0 \bar{K}^0$ ,” Phys. Rev. Lett. **97**, 171805 (2006) [hep-ex/0608036].
231. B. Aubert *et al.* [BaBar Collaboration], “Observation of an excited charm baryon  $\Omega(C)^*$  decaying to  $\Omega(C)0$  gamma,” Phys. Rev. Lett. **97**, 232001 (2006) [hep-ex/0608055].
232. B. Aubert *et al.* [BaBar Collaboration], “Improved Measurements of the Branching Fractions for  $B^0 \rightarrow \pi^+ \pi^-$  and  $B^0 \rightarrow K^+ \pi^-$ , and a Search for  $B^0 \rightarrow K^+ K^-$ ,” Phys. Rev. D **75**, 012008 (2007) [hep-ex/0608003].
233. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the CP asymmetry and branching fraction of  $B^0 \rightarrow \rho^0 K^0$ ,” Phys. Rev. Lett. **98**, 051803 (2007) [hep-ex/0608051].
234. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^+ \rightarrow \phi \phi K^+$  and evidence for  $B^0 \rightarrow \phi \phi K^0$  below  $\eta c$  threshold,” Phys. Rev. Lett. **97**, 261803 (2006) [hep-ex/0609027].
235. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the absolute branching fractions  $B$  to  $D\pi$ ,  $D^* \pi$ ,  $D^{\pi i}$  with a missing mass method,” Phys. Rev. D **74**, 111102 (2006) [hep-ex/0609033].
236. B. Aubert *et al.* [BaBar Collaboration], “Inclusive  $\Lambda(c)^+$  Production in  $e^+ e^-$  Annihilations at  $s^{*(1/2)} = 10.54$ -GeV and in  $\Upsilon(4S)$  Decays,” Phys. Rev. D **75**, 012003 (2007) [hep-ex/0609004].
237. B. Aubert *et al.* [BaBar Collaboration], “Observation of CP violation in  $B^0 \rightarrow \eta' K^0$  decays,” Phys. Rev. Lett. **98**, 031801 (2007) [hep-ex/0609052].
238. B. Aubert *et al.* [BaBar Collaboration], “A Structure at 2175-MeV in  $e^+ e^- \rightarrow \phi f_0(980)$  Observed via Initial-State Radiation,” Phys. Rev. D **74**, 091103 (2006) [hep-ex/0610018].
239. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction measurement of  $B^0 \rightarrow D^{(*)} + \pi^-$ ,  $B^- \rightarrow D^{(*)} 0 \pi^-$  and isospin analysis of  $\bar{B} \rightarrow D^{(*)} \pi$  decays,” Phys. Rev. D **75**, 031101 (2007) [hep-ex/0610027].
240. B. Aubert *et al.* [BaBar Collaboration], “Evidence of a broad structure at an invariant mass of  $4.32$ -  $GeV/c^2$  in the reaction  $e^+ e^- \rightarrow \pi^+ \pi^- \psi_{2S}$  measured at BaBar,” Phys. Rev. Lett. **98**, 212001 (2007) [hep-ex/0610057].
241. B. Aubert *et al.* [BaBar Collaboration], “Search for Lepton Flavor Violating Decays  $\tau^\pm \rightarrow \ell^\pm \pi^0$ ,  $\ell^\pm \eta$ ,  $\ell^\pm \eta'$ ,” Phys. Rev. Lett. **98**, 061803 (2007) [hep-ex/0610067].
242. B. Aubert *et al.* [BaBar Collaboration], “Vector-tensor and vector-vector decay amplitude analysis of  $B^0 \rightarrow \phi K^* 0$ ,” Phys. Rev. Lett. **98**, 051801 (2007) [hep-ex/0610073].
243. B. Aubert *et al.* [BaBar Collaboration], “Observation of the Exclusive Reaction  $e^+ e^- \rightarrow \phi \eta$  at  $\sqrt{s} = 10.58$ -GeV,” Phys. Rev. D **74**, 111103 (2006) [hep-ex/0611028].
244. B. Aubert *et al.* [BaBar Collaboration], “Evidence for the Rare Decay  $B^+ \rightarrow D_s^+ \pi^0$ ,” Phys. Rev. Lett. **98**, 171801 (2007) [hep-ex/0611030].
245. B. Aubert *et al.* [BaBar Collaboration], “Measurement of B Decays to  $\phi K$  gamma,” Phys. Rev. D **75**, 051102 (2007) [hep-ex/0611037].



246. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction measurements of  $B^+ \rightarrow \rho^+ \gamma$ ,  $B^0 \rightarrow \rho^0 \gamma$ , and  $B^0 \rightarrow \omega \gamma$ ,” Phys. Rev. Lett. **98**, 151802 (2007) [hep-ex/0612017].
247. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^0 \rightarrow \pi^- \ell^+ \nu$  form-factor shape and branching fraction, and determination of  $|V_{ub}|$  with a loose neutrino reconstruction technique,” Phys. Rev. Lett. **98**, 091801 (2007) [hep-ex/0612020].
248. B. Aubert *et al.* [BaBar Collaboration], “Evidence for  $B^0 \rightarrow \rho^0 \rho^0$  decay and implications for the CKM angle  $\alpha$ ,” Phys. Rev. Lett. **98**, 111801 (2007) [hep-ex/0612021].
249. B. Aubert *et al.* [BaBar Collaboration], “Measurements of CP-Violating Asymmetries in  $B^0 \rightarrow a^{+-}(1)(1260) \pi^\mp$  decays,” Phys. Rev. Lett. **98**, 181803 (2007) [hep-ex/0612050].
250. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^\pm \rightarrow \rho^\pm \pi^0$  Branching Fraction and Direct CP Asymmetry,” Phys. Rev. D **75**, 091103 (2007) [hep-ex/0701035].
251. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP Asymmetry in  $B^0 \rightarrow K_s \pi^0 \pi^0$  Decays,” Phys. Rev. D **76**, 071101 (2007) [hep-ex/0702010].
252. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^+$  to  $\rho^+ K^0$  and Measurement of its Branching Fraction and Charge Asymmetry,” Phys. Rev. D **76**, 011103 (2007) [hep-ex/0702043 [HEP-EX]].
253. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP Asymmetries in  $B^0 \rightarrow K_S^0 K_S^0 K_S^0$  Decays,” Phys. Rev. D **76**, 091101 (2007) [hep-ex/0702046].
254. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP-violating asymmetries in  $B^0 \rightarrow (\rho\pi) 0$  using a time-dependent Dalitz plot analysis,” Phys. Rev. D **76**, 012004 (2007) [hep-ex/0703008 [HEP-EX]].
255. B. Aubert *et al.* [BaBar Collaboration], “Observation of CP violation in  $B^0 \rightarrow K^+ \pi^-$  and  $B^0 \rightarrow \pi^+ \pi^-$ ,” Phys. Rev. Lett. **99**, 021603 (2007) [hep-ex/0703016 [HEP-EX]].
256. B. Aubert *et al.* [BaBar Collaboration], “Search for the rare decay  $B \rightarrow \pi \ell^+ \ell^-$ ,” Phys. Rev. Lett. **99**, 051801 (2007) [hep-ex/0703018].
257. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the time-dependent CP asymmetry in  $B^0 \rightarrow D^{(*)}$  (CP) h0 decays,” Phys. Rev. Lett. **99**, 081801 (2007) [hep-ex/0703019 [HEP-EX]].
258. B. Aubert *et al.* [BaBar Collaboration], “Evidence for  $D^0$  -anti-D0 Mixing,” Phys. Rev. Lett. **98**, 211802 (2007) [hep-ex/0703020 [HEP-EX]].
259. B. Aubert *et al.* [BaBar Collaboration], “Improved measurement of CP violation in neutral B decays to c anti-c s,” Phys. Rev. Lett. **99**, 171803 (2007) [hep-ex/0703021].
260. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the relative branching fractions of  $\bar{B} \rightarrow D/D^*/D^{**} \ell^- \bar{\nu}(\ell)$  decays in events with a fully reconstructed B meson,” Phys. Rev. D **76**, 051101 (2007) [hep-ex/0703027 [HEP-EX]].
261. B. Aubert *et al.* [BaBar Collaboration], “Production and decay of Omega0(c),” Phys. Rev. Lett. **99**, 062001 (2007) [hep-ex/0703030 [HEP-EX]].

262. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP Violation Parameters with a Dalitz Plot Analysis of  $B^\pm \rightarrow D(\pi^+ \pi^- \pi^0) K^\pm$ ,” Phys. Rev. Lett. **99**, 251801 (2007) [hep-ex/0703037 [HEP-EX]].
263. B. Aubert *et al.* [BaBar Collaboration], “Search for Neutral B-Meson Decays to  $a_0$   $\pi$ ,  $a_0$   $K$ ,  $\eta$   $\rho^0$ , and  $\eta$   $f_0$ ,” Phys. Rev. D **75**, 111102 (2007) [hep-ex/0703038 [HEP-EX]].
264. B. Aubert *et al.* [BaBar Collaboration], “The  $e^+e^- \rightarrow K^+K^-\pi^+\pi^-$ ,  $K^+K^-\pi^0\pi^0$  and  $K^+K^-K^+K^-$  cross-sections measured with initial-state radiation,” Phys. Rev. D **76**, 012008 (2007) [arXiv:0704.0630 [hep-ex]].
265. B. Aubert *et al.* [BaBar Collaboration], “Measurement of decay amplitudes of  $B \rightarrow J/\psi K^*$ ,  $\psi(2S)K^*$ , and  $\chi_{c1}K^*$  with an angular analysis,” Phys. Rev. D **76**, 031102 (2007) [arXiv:0704.0522 [hep-ex]].
266. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction and charge asymmetry measurements in  $B \rightarrow J/\psi\pi\pi$  decays,” Phys. Rev. D **76**, 031101 (2007) [arXiv:0704.1266 [hep-ex]].
267. B. Aubert *et al.* [BaBar Collaboration], “Amplitude analysis of the decay  $D^0 \rightarrow K^-K^+\pi^0$ ,” Phys. Rev. D **76**, 011102 (2007) [arXiv:0704.3593 [hep-ex]].
268. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the hadronic form-factor in  $D^0 \rightarrow K^-e^+\nu_e$  1,” Phys. Rev. D **76**, 052005 (2007) [arXiv:0704.0020 [hep-ex]].
269. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the absolute branching fraction of  $D^0 \rightarrow K^-\pi^+$ ,” Phys. Rev. Lett. **100**, 051802 (2008) [arXiv:0704.2080 [hep-ex]].
270. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B^0 \rightarrow \phi(K^+\pi^-)$  decays with large  $K^+\pi^-$  invariant mass,” Phys. Rev. D **76**, 051103 (2007) [arXiv:0705.0398 [hep-ex]].
271. B. Aubert *et al.* [BaBar Collaboration], “Search for  $D^0$  - anti- $D^0$  mixing using doubly flavor tagged semileptonic decay modes,” Phys. Rev. D **76**, 014018 (2007) [arXiv:0705.0704 [hep-ex]].
272. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP-violating asymmetries in  $B^0 \rightarrow D^{(*)\pm}D^\mp$ ,” Phys. Rev. Lett. **99**, 071801 (2007) [arXiv:0705.1190 [hep-ex]].
273. B. Aubert *et al.* [BaBar Collaboration], “Amplitude Analysis of the  $B^\pm \rightarrow \phi K^*(892)^\pm$  Decay,” Phys. Rev. Lett. **99**, 201802 (2007) [arXiv:0705.1798 [hep-ex]].
274. B. Aubert *et al.* [BaBar Collaboration], “A Search for  $B^+ \rightarrow \tau^+\nu$ ,” Phys. Rev. D **76**, 052002 (2007) [arXiv:0705.1820 [hep-ex]].
275. B. Aubert *et al.* [Babar Collaboration], “A Study of  $B^0 \rightarrow \rho^+\rho^-$  Decays and Constraints on the CKM Angle  $\alpha$ ,” Phys. Rev. D **76**, 052007 (2007) [arXiv:0705.2157 [hep-ex]].
276. B. Aubert *et al.* [BaBar Collaboration], “Determination of the form-factors for the decay  $B^0 \rightarrow D^{*-}\ell^+\nu_\ell$  and of the CKM matrix element  $|V_{cb}|$ ,” Phys. Rev. D **77**, 032002 (2008) [arXiv:0705.4008 [hep-ex]].

277. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^+ \rightarrow \bar{K}^* 0(892) K^+$ ,” Phys. Rev. D **76**, 071103 (2007) [arXiv:0706.1059 [hep-ex]].
278. B. Aubert *et al.* [BaBar Collaboration], “Measurements of CP-violating asymmetries in the decay  $B^0 \rightarrow K^+ K^- K^0$ ,” Phys. Rev. Lett. **99**, 161802 (2007) [arXiv:0706.3885 [hep-ex]].
279. B. Aubert *et al.* [BaBar Collaboration], “Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to eta K $^{+-}$ , eta pi $^{+-}$ , eta-prime K, eta-prime pi $^{+-}$ , omega K, and omega pi $^{+-}$ ,” Phys. Rev. D **76**, 031103 (2007) [arXiv:0706.3893 [hep-ex]].
280. B. Aubert *et al.* [BaBar Collaboration], “Search for the decays  $B^0 \rightarrow e^+ e^- \gamma$  and  $B^0 \rightarrow \mu^+ \mu^- \gamma$ ,” Phys. Rev. D **77**, 011104 (2008) [arXiv:0706.2870 [hep-ex]].
281. B. Aubert *et al.* [BaBar Collaboration], “Search for Prompt Production of chi(c) and X(3872) in e+e- Annihilations,” Phys. Rev. D **76**, 071102 (2007) [arXiv:0707.1633 [hep-ex]].
282. B. Aubert *et al.* [BaBar Collaboration], “Evidence for the  $B^0 \rightarrow p\bar{p}K^{*0}$  and  $B^+ \rightarrow \eta_c K^{*+}$  decays and Study of the Decay Dynamics of B Meson Decays into  $p\bar{p}h$  final states,” Phys. Rev. D **76**, 092004 (2007) [arXiv:0707.1648 [hep-ex]].
283. B. Aubert *et al.* [BaBar Collaboration], “Study of  $B^0 \rightarrow \pi^0 \pi^0$ ,  $B^\pm \rightarrow \pi^\pm \pi^0$ , and  $B^\pm \rightarrow K^\pm \pi^0$  Decays, and Isospin Analysis of  $B \rightarrow \pi\pi$  Decays,” Phys. Rev. D **76**, 091102 (2007) [arXiv:0707.2798 [hep-ex]].
284. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $\tau^- \rightarrow K^- \pi^0 \nu_{\tau}$  branching fraction,” Phys. Rev. D **76**, 051104 (2007) [arXiv:0707.2922 [hep-ex]].
285. B. Aubert *et al.* [BaBar Collaboration], “Observation of B-meson decays to b(1) pi and b(1) K,” Phys. Rev. Lett. **99**, 241803 (2007) [arXiv:0707.4561 [hep-ex]].
286. B. Aubert *et al.* [BaBar Collaboration], “Observation of tree-level B decays with s anti-s production from gluon radiation,” Phys. Rev. Lett. **100**, 171803 (2008) [arXiv:0707.1043 [hep-ex]].
287. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the CP-violating asymmetries in  $B^0 \rightarrow K_S^0 \pi^0$  and of the branching fraction of  $B^0 \rightarrow K^0 \pi^0$ ,” Phys. Rev. D **77**, 012003 (2008) [arXiv:0707.2980 [hep-ex]].
288. B. Aubert *et al.* [BaBar Collaboration], “Exclusive branching fraction measurements of semileptonic tau decays into three charged hadrons,  $\tau^- \rightarrow \phi \pi^- \nu_{\tau} a u$  and  $\tau^- \rightarrow \phi K^- \nu_{\tau}$ ,” Phys. Rev. Lett. **100**, 011801 (2008) [arXiv:0707.2981 [hep-ex]].
289. B. Aubert *et al.* [BaBar Collaboration], “Evidence for charged B meson decays to  $a_1^\pm(1260)\pi^0$  and  $a_1^0(1260)\pi^\pm$ ,” Phys. Rev. Lett. **99**, 261801 (2007) [arXiv:0708.0050 [hep-ex]].
290. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B \rightarrow u$  transitions in  $B^- \rightarrow [K^+ \pi^- \pi^0] (D) K^-$ ,” Phys. Rev. D **76**, 111101 (2007) [arXiv:0708.0182 [hep-ex]].
291. B. Aubert *et al.* [BaBar Collaboration], “Observation of the Decay  $B^+ \rightarrow K^+ K^- \pi^+$ ,” Phys. Rev. Lett. **99**, 221801 (2007) [arXiv:0708.0376 [hep-ex]].

292. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^+ \rightarrow K^+ \tau^\mp \mu^\pm$ ,” Phys. Rev. Lett. **99**, 201801 (2007) [arXiv:0708.1303 [hep-ex]].
293. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $\cos 2\beta$  in  $B^0 \rightarrow D^{(*)} h0$  Decays with a Time-Dependent Dalitz Plot Analysis of  $D \rightarrow K_S^0 \pi^+ \pi^-$ ,” Phys. Rev. Lett. **99**, 231802 (2007) [arXiv:0708.1544 [hep-ex]].
294. B. Aubert *et al.* [BaBar Collaboration], “Improved Measurement of Time-Dependent CP Asymmetries and the CP-Odd Fraction in the Decay  $B^0 \rightarrow D^{*+} D^{*-}$ ,” Phys. Rev. D **76**, 111102 (2007) [arXiv:0708.1549 [hep-ex]].
295. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the Branching Fractions of  $B^0 \rightarrow K^{*0} K^+ K^-$ ,  $B^0 \rightarrow K^{*0} \pi^+ K^-$ ,  $B^0 \rightarrow K^{*0} K^+ \pi^-$ , and  $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ ,” Phys. Rev. D **76**, 071104 (2007) [arXiv:0708.2543 [hep-ex]].
296. B. Aubert *et al.* [BaBar Collaboration], “Improved limits on the lepton-flavor violating decays  $\tau^- \rightarrow \ell^- \ell^+ \ell^-$ ,” Phys. Rev. Lett. **99**, 251803 (2007) [arXiv:0708.3650 [hep-ex]].
297. B. Aubert *et al.* [BaBar Collaboration], “The  $e^+ e^- \rightarrow 2(\pi^+ \pi^-) \pi^0$ ,  $2(\pi^+ \pi^-) \eta$ ,  $K^+ K^- \pi^+ \pi^- \pi^0$  and  $K^+ K^- \pi^+ \pi^- \eta$  Cross Sections Measured with Initial-State Radiation,” Phys. Rev. D **76**, 092005 (2007) [Erratum-ibid. D **77**, 119902 (2008)] [arXiv:0708.2461 [hep-ex]].
298. B. Aubert *et al.* [BaBar Collaboration], “Search for the rare charmless hadronic decay  $B^+ \rightarrow a_1^+ \pi^0$ ,” Phys. Rev. D **77**, 011101 (2008) [arXiv:0708.0963 [hep-ex]].
299. B. Aubert *et al.* [BaBar Collaboration], “Study of Resonances in Exclusive B Decays to anti- $D^{(*)} D^{(*)} K$ ,” Phys. Rev. D **77**, 011102 (2008) [arXiv:0708.1565 [hep-ex]].
300. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^0 \rightarrow K^{*0} \bar{K}^{*0}$  and search for  $B^0 \rightarrow K^{*0} K^{*0}$ ,” Phys. Rev. Lett. **100**, 081801 (2008) [arXiv:0708.2248 [hep-ex]].
301. B. Aubert *et al.* [BaBar Collaboration], “A Search for  $B^+ \rightarrow \tau^+ \nu$  with Hadronic B tags,” Phys. Rev. D **77**, 011107 (2008) [arXiv:0708.2260 [hep-ex]].
302. B. Aubert *et al.* [BaBar Collaboration], “Measurements of Partial Branching Fractions for  $\bar{B} \rightarrow X_u \ell \bar{\nu}$  and Determination of  $|V_{ub}|$ ,” Phys. Rev. Lett. **100**, 171802 (2008) [arXiv:0708.3702 [hep-ex]].
303. B. Aubert *et al.* [BaBar Collaboration], “Study of  $e^+ e^- \rightarrow \Lambda \bar{\Lambda}$ ,  $\Lambda \bar{\Sigma}^0$ ,  $\Sigma^0 \bar{\Sigma}^0$  using initial state radiation with BABAR,” Phys. Rev. D **76**, 092006 (2007) [arXiv:0709.1988 [hep-ex]].
304. B. Aubert *et al.* [BaBar Collaboration], “Observation of the semileptonic decays  $B \rightarrow D^{*} \tau^- \bar{\nu}(\tau)$  and evidence for  $B \rightarrow D \tau^- \bar{\nu}(\tau)$ ,” Phys. Rev. Lett. **100**, 021801 (2008) [arXiv:0709.1698 [hep-ex]].
305. B. Aubert *et al.* [BaBar Collaboration], “Search for CP violation in the decays  $D^0 \rightarrow K^- K^+$  and  $D^0 \rightarrow \pi^- \pi^+$ ,” Phys. Rev. Lett. **100**, 061803 (2008) [arXiv:0709.2715 [hep-ex]].
306. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^+ \rightarrow a_1^+(1260) K^0$  and  $B^0 \rightarrow a_1^-(1260) K^+$ ,” Phys. Rev. Lett. **100**, 051803 (2008) [arXiv:0709.4165 [hep-ex]].
307. B. Aubert *et al.* [BaBar Collaboration], “Measurements of  $e^+ e^- \rightarrow K^+ K^- \eta$ ,  $K^+ K^- \pi^0$  and  $K_S^0 K^\pm \pi^\mp$  cross- sections using initial state radiation events,” Phys. Rev. D **77**, 092002 (2008) [arXiv:0710.4451 [hep-ex]].

308. B. Aubert *et al.* [BaBar Collaboration], “A Study of Excited Charm-Strange Baryons with Evidence for new Baryons  $\chi_c(3055)^+$  and  $\chi_c(3123)^+$ ,” Phys. Rev. D **77**, 012002 (2008) [arXiv:0710.5763 [hep-ex]].
309. B. Aubert *et al.* [BaBar Collaboration], “A Study of  $\bar{B} \rightarrow \chi_c \bar{\Lambda}_c$  and  $\bar{B} \rightarrow \bar{\Lambda}_c^+ \bar{\Lambda}_c \bar{K}$ ,” Phys. Rev. D **77**, 031101 (2008) [arXiv:0710.5775 [hep-ex]].
310. B. Aubert *et al.* [BaBar Collaboration], “Search for lepton flavor violating decays  $\tau^\pm \rightarrow \ell^\pm \omega$  ( $\ell = e, \mu$ ),” Phys. Rev. Lett. **100**, 071802 (2008) [arXiv:0711.0980 [hep-ex]].
311. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $Y(3940) \rightarrow J/\psi \omega$  in  $B \rightarrow J/\psi \omega K$  at BABAR,” Phys. Rev. Lett. **101**, 082001 (2008) [arXiv:0711.2047 [hep-ex]].
312. B. Aubert *et al.* [BaBar Collaboration], “Search for CPT and Lorentz violation in  $B^0$ - $\bar{B}^0$  oscillations with dilepton events,” Phys. Rev. Lett. **100**, 131802 (2008) [arXiv:0711.2713 [hep-ex]].
313. B. Aubert *et al.* [BaBar Collaboration], “Dalitz Plot Analysis of the Decay  $B^0$  (anti- $B^0$ )  $\rightarrow K^\pm \pi^\mp \pi^0$ ,” Phys. Rev. D **78**, 052005 (2008) [arXiv:0711.4417 [hep-ex]].
314. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B \rightarrow X_s \gamma$  branching fraction and photon energy spectrum using the recoil method,” Phys. Rev. D **77**, 051103 (2008) [arXiv:0711.4889 [hep-ex]].
315. B. Aubert *et al.* [BaBar Collaboration], “Search for decays of  $B^0 \rightarrow$  mesons into  $e^+ e^-$ ,  $\mu^+ \mu^-$ , and  $e^\pm \mu^\mp$  final states,” Phys. Rev. D **77**, 032007 (2008) [arXiv:0712.1516 [hep-ex]].
316. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $D^0 - \bar{D}^0$  mixing using the ratio of lifetimes for the decays  $D^0 \rightarrow K^- \pi^+$ ,  $K^- K^+$ , and  $\pi^- \pi^+$ ,” Phys. Rev. D **78**, 011105 (2008) [arXiv:0712.2249 [hep-ex]].
317. B. Aubert *et al.* [BaBar Collaboration], “Time-dependent Dalitz plot analysis of  $B^0 \rightarrow D^\mp K^0$   $\text{P}i^\pm$  decays,” Phys. Rev. D **77**, 071102 (2008) [arXiv:0712.3469 [hep-ex]].
318. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Decay  $B^- \rightarrow D^{*0} e^- \bar{\nu}(e)$ ,” Phys. Rev. Lett. **100**, 231803 (2008) [arXiv:0712.3493 [hep-ex]].
319. B. Aubert *et al.* [BaBar Collaboration], “A Measurement of the branching fractions of exclusive  $\bar{B} \rightarrow D^{(*)}(\pi) \ell^- \bar{\nu}(\ell)$  decays in events with a fully reconstructed  $B$  meson,” Phys. Rev. Lett. **100**, 151802 (2008) [arXiv:0712.3503 [hep-ex]].
320. B. Aubert *et al.* [BaBar Collaboration], “Searches for the decays  $B^0 \rightarrow \ell^\pm \tau^\mp$  and  $B^+ \rightarrow \ell^+ \nu$  ( $\ell = e, \mu$ ) using hadronic tag reconstruction,” Phys. Rev. D **77**, 091104 (2008) [arXiv:0801.0697 [hep-ex]].
321. B. Aubert *et al.* [BaBar Collaboration], “Search for CP Violation in Neutral D Meson Cabibbo-suppressed Three-body Decays,” Phys. Rev. D **78**, 051102 (2008) [arXiv:0802.4035 [hep-ex]].
322. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP observables in  $B^\pm \rightarrow D_{CP}^0 K^\pm$  decays,” Phys. Rev. D **77**, 111102 (2008) [arXiv:0802.4052 [hep-ex]].
323. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $\tau^- \rightarrow \eta \pi^- \pi \pi^- \nu_{\text{tau}}$  Branching Fraction and a Search for a Second-Class Current in the  $\tau^- \rightarrow \eta'(958) \pi^- \nu_{\text{tau}}$  Decay,” Phys. Rev. D **77**, 112002 (2008) [arXiv:0803.0772 [hep-ex]].

324. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Spin of the Xi(1530) Resonance,” Phys. Rev. D **78**, 034008 (2008) [arXiv:0803.1863 [hep-ex]].
325. B. Aubert *et al.* [BaBar Collaboration], “A Study of  $B \rightarrow X(3872)K$ , with  $X_{3872} \rightarrow J/\Psi\pi^+\pi^-$ ,” Phys. Rev. D **77**, 111101 (2008) [arXiv:0803.2838 [hep-ex]].
326. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Branching Fractions of the Rare Decays  $B^0 \rightarrow D_s^*(*) + \pi^-$ ,  $B^0 \rightarrow D_s^*(*) + \rho^-$ , and  $B^0 \rightarrow D_s^*(*) - K^{(*)+}$ ,” Phys. Rev. D **78**, 032005 (2008) [arXiv:0803.4296 [hep-ex]].
327. B. Aubert *et al.* [BaBar Collaboration], “Evidence for Direct CP Violation from Dalitz-plot analysis of  $B^\pm \rightarrow K^\pm\pi^\mp\pi^\pm$ ,” Phys. Rev. D **78**, 012004 (2008) [arXiv:0803.4451 [hep-ex]].
328. B. Aubert *et al.* [BaBar Collaboration], “Study of B Meson Decays with Excited eta and eta-prime Mesons,” Phys. Rev. Lett. **101**, 091801 (2008) [arXiv:0804.0411 [hep-ex]].
329. B. Aubert *et al.* [BaBar Collaboration], “Evidence for CP violation in  $B^0 \rightarrow J/\psi\pi^0$  decays,” Phys. Rev. Lett. **101**, 021801 (2008) [arXiv:0804.0896 [hep-ex]].
330. B. Aubert *et al.* [BaBar Collaboration], “Study of B-meson decays to eta(c)  $K^*$ , eta(c)(2S)  $K^*$  and eta(c) gamma  $K^*$ ,” Phys. Rev. D **78**, 012006 (2008) [arXiv:0804.1208 [hep-ex]].
331. B. Aubert *et al.* [BaBar Collaboration], “Improved measurement of the CKM angle  $\gamma$  in  $B^\mp \rightarrow D^{(*)}K^{*\mp}$  decays with a Dalitz plot analysis of  $D$  decays to  $K_S^0\pi^+\pi^-$  and  $K_S^0K^+K^-$ ,” Phys. Rev. D **78**, 034023 (2008) [arXiv:0804.2089 [hep-ex]].
332. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^+ \rightarrow \eta\rho^+$  and search for  $B^0$  decays to  $\eta'\eta$ ,  $\eta\pi^0$ ,  $\eta'\pi^0$ , and  $\omega\pi^0$ ,” Phys. Rev. D **78**, 011107 (2008) [arXiv:0804.2422 [hep-ex]].
333. B. Aubert *et al.* [BaBar Collaboration], “Angular Distributions in the Decays  $B \rightarrow K^*\ell^+\ell^-$ ,” Phys. Rev. D **79**, 031102 (2009) [arXiv:0804.4412 [hep-ex]].
334. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Mass Difference  $m(B^0) - m(B^+)$ ,” Phys. Rev. D **78**, 011103 (2008) [arXiv:0805.0497 [hep-ex]].
335. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^+ \rightarrow b_1^+K^0$  and search for B-meson decays to  $b_1^0K^0$  and  $b_1\pi^0$ ,” Phys. Rev. D **78**, 011104 (2008) [arXiv:0805.1217 [hep-ex]].
336. B. Aubert *et al.* [BaBar Collaboration], “Measurements of  $B \rightarrow \{\pi, \eta, \eta'\}\ell\nu_\ell$  Branching Fractions and Determination of  $|V_{ub}|$  with Semileptonically Tagged  $B$  Mesons,” Phys. Rev. Lett. **101**, 081801 (2008) [arXiv:0805.2408 [hep-ex]].
337. B. Aubert *et al.* [BaBar Collaboration], “A Measurement of CP Asymmetry in  $b \rightarrow s\gamma$  using a Sum of Exclusive Final States,” Phys. Rev. Lett. **101**, 171804 (2008) [arXiv:0805.4796 [hep-ex]].
338. B. Aubert *et al.* [BaBar Collaboration], “Branching Fractions and CP-Violating Asymmetries in Radiative B Decays to  $\eta K\gamma$ ,” Phys. Rev. D **79**, 011102 (2009) [arXiv:0805.1317 [hep-ex]].

339. B. Aubert *et al.* [BaBar Collaboration], “Constraints on the CKM angle  $\gamma$  in  $B^0 \rightarrow \bar{D}^0(D^0)K^{*0}$  with a Dalitz analysis of  $D^0 \rightarrow K_S\pi^+\pi^-$ ,” Phys. Rev. D **79**, 072003 (2009) [arXiv:0805.2001 [hep-ex]].
340. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $e^+e^- \rightarrow \rho^+\rho^-$  near  $\sqrt{s} = 10.58\text{-GeV}$ ,” Phys. Rev. D **78**, 071103 (2008) [arXiv:0806.3893 [hep-ex]].
341. B. Aubert *et al.* [BaBar Collaboration], “Observation and Polarization Measurements of  $B^\pm \rightarrow \phi K_1^\pm$  and  $B^\pm \rightarrow \phi K_2^{*\pm}$ ,” Phys. Rev. Lett. **101**, 161801 (2008) [arXiv:0806.4419 [hep-ex]].
342. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B^0 \rightarrow K^{*+}K^{*-}$ ,” Phys. Rev. D **78**, 051103 (2008) [arXiv:0806.4467 [hep-ex]].
343. B. Aubert *et al.* [BaBar Collaboration], “Study of the decay  $D_s^+ \rightarrow K^+K^-e^+\nu_e$ ,” Phys. Rev. D **78**, 051101 (2008) [arXiv:0807.1599 [hep-ex]].
344. B. Aubert *et al.* [BaBar Collaboration], “Study of hadronic transitions between Upsilon states and observation of  $\Upsilon(4S) \rightarrow \eta\Upsilon(1S)$  decay,” Phys. Rev. D **78**, 112002 (2008) [arXiv:0807.2014 [hep-ex]].
345. B. Aubert *et al.* [BaBar Collaboration], “Measurement of Ratios of Branching Fractions and CP-Violating Asymmetries of  $B^\pm \rightarrow D^*K^\pm$  Decays,” Phys. Rev. D **78**, 092002 (2008) [arXiv:0807.2408 [hep-ex]].
346. B. Aubert *et al.* [BaBar Collaboration], “Measurement of Time-Dependent CP Asymmetry in  $B^0 \rightarrow K_S^0\pi^0\gamma$  Decays,” Phys. Rev. D **78**, 071102 (2008) [arXiv:0807.3103 [hep-ex]].
347. B. Aubert *et al.* [BaBar Collaboration], “Searches for B meson decays to  $\phi\phi$ ,  $\phi\rho$ ,  $\phi f_0(980)$ , and  $f_0(980) f_0(980)$  final states,” Phys. Rev. Lett. **101**, 201801 (2008) [arXiv:0807.3935 [hep-ex]].
348. B. Aubert *et al.* [BaBar Collaboration], “Measurements of  $\mathcal{B}(\bar{B}^0 \rightarrow \Lambda_c^+\bar{p})$  and  $\mathcal{B}(B^- \rightarrow \Lambda_c^+\bar{p}\pi^-)$  and Studies of  $\Lambda_c^+\pi^-$  Resonances,” Phys. Rev. D **78**, 112003 (2008) [arXiv:0807.4974 [hep-ex]].
349. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Branching Fraction, Polarization, and CP Asymmetries in  $B^0 \rightarrow \rho^0\rho^0$  Decay, and Implications for the CKM Angle  $\alpha$ ,” Phys. Rev. D **78**, 071104 (2008) [arXiv:0807.4977 [hep-ex]].
350. B. Aubert *et al.* [BaBar Collaboration], “Observation of the bottomonium ground state in the decay  $v_{3S} \rightarrow \gamma\eta_{ab}$ ,” Phys. Rev. Lett. **101**, 071801 (2008) [Erratum-ibid. **102**, 029901 (2009)] [arXiv:0807.1086 [hep-ex]].
351. B. Aubert *et al.* [BaBar Collaboration], “Direct CP, Lepton Flavor and Isospin Asymmetries in the Decays  $B \rightarrow K^{(*)}\ell^+\ell^-$ ,” Phys. Rev. Lett. **102**, 091803 (2009) [arXiv:0807.4119 [hep-ex]].
352. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $D^0 - \bar{D}^0$  mixing from a time-dependent amplitude analysis of  $D^0 \rightarrow K^+\pi^-\pi^0$  decays,” Phys. Rev. Lett. **103**, 211801 (2009) [arXiv:0807.4544 [hep-ex]].
353. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $B \rightarrow X\gamma$  Decays and Determination of  $|V(td)/V(ts)|$ ,” Phys. Rev. Lett. **102**, 161803 (2009) [arXiv:0807.4975 [hep-ex]].

354. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Branching Fractions of  $\bar{B} \rightarrow D^{**}\ell^{-}\bar{\nu}_\ell$  Decays in Events Tagged by a Fully Reconstructed B Meson,” Phys. Rev. Lett. **101**, 261802 (2008) [arXiv:0808.0528 [hep-ex]].
355. B. Aubert *et al.* [BaBar Collaboration], “Search for the highly suppressed decays  $B^{-} \rightarrow K^{+}\pi^{-}\pi^{-}$  and  $B^{-} \rightarrow K^{-}K^{-}\pi^{+}$ ,” Phys. Rev. D **78**, 091102 (2008) [arXiv:0808.0900 [hep-ex]].
356. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B \rightarrow K^{*}\nu\bar{\nu}$  decays,” Phys. Rev. D **78**, 072007 (2008) [arXiv:0808.1338 [hep-ex]].
357. B. Aubert *et al.* [BaBar Collaboration], “Measurements of Branching Fractions for  $B^{+} \rightarrow \rho^{+}\gamma$ ,  $B^{0} \rightarrow \rho^{0}\gamma$ , and  $B^{0} \rightarrow \omega\gamma$ ,” Phys. Rev. D **78**, 112001 (2008) [arXiv:0808.1379 [hep-ex]].
358. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $B^{0} \rightarrow \chi_c^0 K^{*0}$  and evidence for  $B^{+} \rightarrow \chi_c^0 K^{*+}$ ,” Phys. Rev. D **78**, 091101 (2008) [arXiv:0808.1487 [hep-ex]].
359. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Branching Fractions of the Radiative Charm Decays  $D^0 \rightarrow \bar{K}^{*0}\gamma$  and  $D^0 \rightarrow \phi\gamma$ ,” Phys. Rev. D **78**, 071101 (2008) [arXiv:0808.1838 [hep-ex]].
360. B. Aubert *et al.* [BaBar Collaboration], “Measurement of Semileptonic B Decays into Orbitally-Excited Charmed Mesons,” Phys. Rev. Lett. **103**, 051803 (2009) [arXiv:0808.0333 [hep-ex]].
361. B. Aubert *et al.* [BaBar Collaboration], “Dalitz Plot Analysis of  $D_{s+} \rightarrow \pi^{+}\pi^{-}\pi^{+}$ ,” Phys. Rev. D **79**, 032003 (2009) [arXiv:0808.0971 [hep-ex]].
362. B. Aubert *et al.* [BaBar Collaboration], “Measurements of time-dependent CP asymmetries in  $B^0 \rightarrow D^{(*)+}D^{(*)-}$  decays,” Phys. Rev. D **79**, 032002 (2009) [arXiv:0808.1866 [hep-ex]].
363. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^{+} \rightarrow \omega\ell^{+}\nu$  and  $B^{-} \rightarrow \eta\ell^{+}\nu$  Branching Fractions,” Phys. Rev. D **79**, 052011 (2009) [arXiv:0808.3524 [hep-ex]].
364. B. Aubert *et al.* [BaBar Collaboration], “Time-Dependent and Time-Integrated Angular Analysis of  $B \rightarrow \phi K_S \pi^0$  and  $B \rightarrow \phi K^{+}\pi^{-}$ ,” Phys. Rev. D **78**, 092008 (2008) [arXiv:0808.3586 [hep-ex]].
365. B. Aubert *et al.* [BaBar Collaboration], “Evidence for  $X(3872) \rightarrow \psi_{2S}\gamma$  in  $B^{\pm} \rightarrow X_{3872}K^{\pm}$  decays, and a study of  $B \rightarrow c\bar{c}\gamma K$ ,” Phys. Rev. Lett. **102**, 132001 (2009) [arXiv:0809.0042 [hep-ex]].
366. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the Semileptonic Decays  $\bar{B} \rightarrow D\ell\bar{\nu}$  and  $\bar{B} \rightarrow D^{*}\ell\bar{\nu}$  Using a Global Fit to  $DX\ell\bar{\nu}$  Final States,” Phys. Rev. D **79**, 012002 (2009) [arXiv:0809.0828 [hep-ex]].
367. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time dependent CP asymmetry parameters in B0 meson decays to  $\omega K_S^0$ ,  $\eta' K^0$ , and  $\pi^0 K_S^0$ ,” Phys. Rev. D **79**, 052003 (2009) [arXiv:0809.1174 [hep-ex]].
368. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $e^{+}e^{-} \rightarrow b\bar{b}$  cross section between  $\sqrt{s} = 10.54$ -GeV and 11.20-GeV,” Phys. Rev. Lett. **102**, 012001 (2009) [arXiv:0809.4120 [hep-ex]].



369. B. Aubert *et al.* [BaBar Collaboration], “Search for the  $Z(4430)^-$  at BABAR,” Phys. Rev. D **79**, 112001 (2009) [arXiv:0811.0564 [hep-ex]].
370. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^+ \rightarrow K_S^0 K_S^0 \pi^+$ ,” Phys. Rev. D **79**, 051101 (2009) [arXiv:0811.1979 [hep-ex]].
371. B. Aubert *et al.* [BaBar Collaboration], “Search for Lepton Flavor Violating Decays  $\tau \rightarrow \ell^- K_S^0$  with the BABAR Experiment,” Phys. Rev. D **79**, 012004 (2009) [arXiv:0812.3804 [hep-ex]].
372. B. Aubert *et al.* [BaBar Collaboration], “Evidence for  $B^+ \rightarrow \bar{K}^{*0} K^{*+}$ ,” Phys. Rev. D **79**, 051102 (2009) [arXiv:0901.1223 [hep-ex]].
373. B. Aubert *et al.* [BaBar Collaboration], “Dalitz Plot Analysis of  $B^- \rightarrow D^+ \pi^- \pi^-$ ,” Phys. Rev. D **79**, 112004 (2009) [arXiv:0901.1291 [hep-ex]].
374. B. Aubert *et al.* [BaBar Collaboration], “Improved Measurement of  $B^+ \rightarrow \rho^+ \rho^0$  and Determination of the Quark-Mixing Phase Angle  $\alpha$ ,” Phys. Rev. Lett. **102**, 141802 (2009) [arXiv:0901.3522 [hep-ex]].
375. B. Aubert *et al.* [BaBar Collaboration], “Observation of B Meson Decays to  $\omega K^*$  and Improved Measurements for  $\omega \rho$  and  $\omega f^0$ ,” Phys. Rev. D **79**, 052005 (2009) [arXiv:0901.3703 [hep-ex]].
376. B. Aubert *et al.* [BaBar Collaboration], “Measurement of Time-Dependent CP Asymmetry in  $B^0 \rightarrow c\bar{c}K^{(*)0}$  Decays,” Phys. Rev. D **79**, 072009 (2009) [arXiv:0902.1708 [hep-ex]].
377. B. Aubert *et al.* [BaBar Collaboration], “Dalitz Plot Analysis of  $B^\pm \rightarrow \pi^\pm \pi^\pm \pi^\mp$  Decays,” Phys. Rev. D **79**, 072006 (2009) [arXiv:0902.2051 [hep-ex]].
378. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Semileptonic Decays  $B \rightarrow D\tau^- \bar{\nu}_t au$  and  $B \rightarrow D^* \tau^- \bar{\nu}_t au$ ,” Phys. Rev. D **79**, 092002 (2009) [arXiv:0902.2660 [hep-ex]].
379. B. Aubert *et al.* [BaBar Collaboration], “Evidence for the  $\eta_b(1S)$  Meson in Radiative  $\Upsilon(2S)$  Decay,” Phys. Rev. Lett. **103**, 161801 (2009) [arXiv:0903.1124 [hep-ex]].
380. B. Aubert *et al.* [BaBar Collaboration], “Search for the Rare Leptonic Decays  $B^+ \rightarrow \ell^+ \nu_\ell$  ( $\ell = e, \mu$ ),” Phys. Rev. D **79**, 091101 (2009) [arXiv:0903.1220 [hep-ex]].
381. B. Aubert *et al.* [BaBar Collaboration], “Exclusive Initial-State-Radiation Production of the  $D\bar{D}$ ,  $D^* \bar{D}^*$ , and  $D^* \bar{D}^*$  Systems,” Phys. Rev. D **79**, 092001 (2009) [arXiv:0903.1597 [hep-ex]].
382. B. Aubert *et al.* [BaBar Collaboration], “Improved limits on lepton flavor violating tau decays to  $\ell\phi$ ,  $\ell\rho$ ,  $\ell K^*$  and  $\ell\bar{K}^*$ ,” Phys. Rev. Lett. **103**, 021801 (2009) [arXiv:0904.0339 [hep-ex]].
383. B. Aubert *et al.* [BaBar Collaboration], “Search for  $b \rightarrow u$  transitions in  $B^0 \rightarrow D^0 K^{*0}$  decays,” Phys. Rev. D **80**, 031102 (2009) [arXiv:0904.2112 [hep-ex]].
384. B. Aubert *et al.* [BaBar Collaboration], “Search for Second-Class Currents in  $\tau^- \omega \pi^- \nu_t au$ ,” Phys. Rev. Lett. **103**, 041802 (2009) [arXiv:0904.3080 [hep-ex]].

385. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Branching Fraction and anti-Lambda Polarization in  $B^0 \rightarrow \bar{\Lambda}p\pi^-$ ,” Phys. Rev. D **79**, 112009 (2009) [arXiv:0904.4724 [hep-ex]].
386. B. Aubert *et al.* [BaBar Collaboration], “Measurement of  $|V(cb)|$  and the Form-Factor Slope in  $\bar{B} \rightarrow D\ell^-\bar{\nu}$  Decays in Events Tagged by a Fully Reconstructed B Meson,” Phys. Rev. Lett. **104**, 011802 (2010) [arXiv:0904.4063 [hep-ex]].
387. B. Aubert *et al.* [BaBar Collaboration], “Search for  $B^0$  Meson Decays to  $\pi^0 K_S^0 K_S^0$ ,  $\eta K_S^0 K_S^0$ , and  $\eta' K_S^0 K_S^0$ ,” Phys. Rev. D **80**, 011101 (2009) [arXiv:0905.0868 [hep-ex]].
388. B. Aubert *et al.* [BaBar Collaboration], “Time-dependent amplitude analysis of  $B^0 \rightarrow K_S^0 \pi^+ \pi^-$ ,” Phys. Rev. D **80**, 112001 (2009) [arXiv:0905.3615 [hep-ex]].
389. B. Aubert *et al.* [BaBar Collaboration], “Search for Dimuon Decays of a Light Scalar Boson in Radiative Transitions  $\Upsilon \rightarrow \gamma A^0$ ,” Phys. Rev. Lett. **103**, 081803 (2009) [arXiv:0905.4539 [hep-ex]].
390. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $\gamma\gamma^* \rightarrow \pi^0$  transition form factor,” Phys. Rev. D **80**, 052002 (2009) [arXiv:0905.4778 [hep-ex]].
391. B. Aubert *et al.* [BaBar Collaboration], “Measurement of Branching Fractions and CP and Isospin Asymmetries in  $B \rightarrow K^*(892)\gamma$  Decays,” Phys. Rev. Lett. **103**, 211802 (2009) [arXiv:0906.2177 [hep-ex]].
392. B. Aubert *et al.* [BaBar Collaboration], “Search for a low-mass Higgs boson in  $\Upsilon(3S) \rightarrow \gamma A^0$ ,  $A^0 \rightarrow \tau^+ \tau^-$  at BABAR,” Phys. Rev. Lett. **103**, 181801 (2009) [arXiv:0906.2219 [hep-ex]].
393. B. Aubert *et al.* [BaBar Collaboration], “A Model-independent search for the decay  $B^+ \rightarrow \ell^+ \nu_\ell \gamma$ ,” Phys. Rev. D **80**, 111105 (2009) [arXiv:0907.1681 [hep-ex]].
394. B. Aubert *et al.* [BaBar Collaboration], “B meson decays to charmless meson pairs containing  $\eta$  or  $\eta'$  mesons,” Phys. Rev. D **80**, 112002 (2009) [arXiv:0907.1743 [hep-ex]].
395. B. Aubert *et al.* [BaBar Collaboration], “Observation and Polarization Measurement of  $B^0 \rightarrow a_1(1260)^+ a_1(1260)^-$  Decay,” Phys. Rev. D **80**, 092007 (2009) [arXiv:0907.1776 [hep-ex]].
396. B. Aubert *et al.* [BaBar Collaboration], “Search for B-meson decays to  $b_1 \rho$  and  $b_1 K^*$ ,” Phys. Rev. D **80**, 051101 (2009) [arXiv:0907.3485 [hep-ex]].
397. B. Aubert *et al.* [BaBar Collaboration], “Observation of the baryonic B-decay anti-B0  $\rightarrow \bar{\Lambda}(c) + \text{anti-p} K^- \pi^+$ ,” Phys. Rev. D **80**, 051105 (2009) [arXiv:0907.4566 [hep-ex]].
398. B. Aubert *et al.* [BaBar Collaboration], “Measurement of D0 - anti-D0 Mixing using the Ratio of Lifetimes for the Decays D0  $\rightarrow \bar{\Lambda} K^- \pi^+$  and K+ K-,” Phys. Rev. D **80**, 071103 (2009) [arXiv:0908.0761 [hep-ex]].
399. B. Aubert *et al.* [BaBar Collaboration], “Study of D(sJ) decays to D\*K in inclusive e+ e- interactions,” Phys. Rev. D **80**, 092003 (2009) [arXiv:0908.0806 [hep-ex]].
400. B. Aubert *et al.* [BaBar Collaboration], “A Search for Invisible Decays of the Upsilon(1S),” Phys. Rev. Lett. **103**, 251801 (2009) [arXiv:0908.2840 [hep-ex]].

401. B. Aubert *et al.* [BaBar Collaboration], “Precise measurement of the  $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$  cross section with the Initial State Radiation method at BABAR,” *Phys. Rev. Lett.* **103**, 231801 (2009) [arXiv:0908.3589 [hep-ex]].
402. B. Aubert *et al.* [BaBar Collaboration], “Measurement and interpretation of moments in inclusive semileptonic decays anti-B  $\rightarrow$   $l^- X(c) l^-$  anti-nu,” *Phys. Rev. D* **81**, 032003 (2010) [arXiv:0908.0415 [hep-ex]].
403. B. Aubert *et al.* [BaBar Collaboration], “Searches for Lepton Flavor Violation in the Decays  $\tau^\pm \rightarrow e^\pm\gamma$  and  $\tau^\pm \rightarrow \mu^\pm\gamma$ ,” *Phys. Rev. Lett.* **104**, 021802 (2010) [arXiv:0908.2381 [hep-ex]].
404. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the  $\tau$  mass and the mass difference of the  $\tau^+$  and  $\tau^-$  at BABAR,” *Phys. Rev. D* **80**, 092005 (2009) [arXiv:0909.3562 [hep-ex]].
405. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP violation observables and parameters for the decays B $^{+-} \rightarrow$   $l^- D K^{*+-}$ ,” *Phys. Rev. D* **80**, 092001 (2009) [arXiv:0909.3981 [hep-ex]].
406. B. Aubert *et al.* [BaBar Collaboration], “Measurement of branching fractions of B decays to K(1)(1270)pi and K(1)(1400)pi and determination of the CKM angle alpha from B0  $\rightarrow$   $l^- a(1)(1260)^+ \pi^-$ ,” *Phys. Rev. D* **81**, 052009 (2010) [arXiv:0909.2171 [hep-ex]].
407. B. Aubert *et al.* [BaBar Collaboration], “Observation of inclusive D $^{*+-}$  production in the decay of Upsilon(1S),” *Phys. Rev. D* **81**, 011102 (2010) [arXiv:0911.2024 [hep-ex]].
408. B. Aubert *et al.* [BaBar Collaboration], “Measurements of Charged Current Lepton Universality and  $V_{us}$  using Tau Lepton Decays to  $e^- \nu(e)\bar{\nu}(\tau)$ ,  $\mu^- \bar{\nu}(\mu)\bar{\nu}(\tau)$ ,  $\pi^- \nu(\tau)$  and  $K^- \nu(\tau)$ ,” *Phys. Rev. Lett.* **105**, 051602 (2010) [arXiv:0912.0242 [hep-ex]].
409. B. Aubert *et al.* [BaBar Collaboration], “A Search for  $B^+ \rightarrow \ell^+ \nu_\ell$  Recoiling Against  $B^- \rightarrow D^0 \ell^- \bar{\nu} X$ ,” *Phys. Rev. D* **81**, 051101 (2010) [arXiv:0912.2453 [hep-ex]].
410. J. P. Lees *et al.* [BaBar Collaboration], “Search for Charged Lepton Flavor Violation in Narrow Upsilon Decays,” *Phys. Rev. Lett.* **104**, 151802 (2010) [arXiv:1001.1883 [hep-ex]].
411. B. Aubert *et al.* [BaBar Collaboration], “Observation of the  $\chi_{c2}(2P)$  meson in the reaction  $\gamma\gamma \rightarrow$   $l^- D \bar{D}$  at BABAR,” *Phys. Rev. D* **81**, 092003 (2010) [arXiv:1002.0281 [hep-ex]].
412. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $\gamma\gamma^* \rightarrow \eta_c$  transition form factor,” *Phys. Rev. D* **81**, 052010 (2010) [arXiv:1002.3000 [hep-ex]].
413. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Test of lepton universality in Upsilon(1S) decays at BaBar,” *Phys. Rev. Lett.* **104**, 191801 (2010) [arXiv:1002.4358 [hep-ex]].
414. J. P. Lees *et al.* [BaBar Collaboration], “Limits on tau Lepton-Flavor Violating Decays in three charged leptons,” *Phys. Rev. D* **81**, 111101 (2010) [arXiv:1002.4550 [hep-ex]].
415. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Observation of the Rare Decay B0  $\rightarrow$   $l^- K_0(s) K^+ \pi^-$ ,” *Phys. Rev. D* **82**, 031101 (2010) [arXiv:1003.0640 [hep-ex]].

416. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for CP violation using  $T$ -odd correlations in  $D^0 \rightarrow K^+K^-\pi^+\pi^-$  decays,” Phys. Rev. D **81**, 111103 (2010) [arXiv:1003.3397 [hep-ex]].
417. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Observation of the  $\Upsilon 1^3D_J$  Bottomonium State through Decays to  $\pi^+\pi^-\Upsilon 1S$ ,” Phys. Rev. D **82**, 111102 (2010) [arXiv:1004.0175 [hep-ex]].
418. P. del Amo Sanchez *et al.* [BaBar Collaboration], “B-meson decays to  $\eta'\rho$ ,  $\eta'f_0$ , and  $\eta'K^*$ ,” Phys. Rev. D **82**, 011502 (2010) [arXiv:1004.0240 [hep-ex]].
419. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of  $D^0$ -anti $D^0$  mixing parameters using  $D^0 \rightarrow K(S)0 \pi^+ \pi^-$  and  $D^0 \rightarrow K(S)0 K^+ K^-$  decays,” Phys. Rev. Lett. **105**, 081803 (2010) [arXiv:1004.5053 [hep-ex]].
420. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for  $B^+ \rightarrow D^+K^0$  and  $B^+ \rightarrow D^+K^{*0}$  decays,” Phys. Rev. D **82**, 092006 (2010) [arXiv:1005.0068 [hep-ex]].
421. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Evidence for direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle  $\gamma$  with  $B^+ \rightarrow D^{(*)} K^{(*)-}$  decays,” Phys. Rev. Lett. **105**, 121801 (2010) [arXiv:1005.1096 [hep-ex]].
422. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Study of  $B \rightarrow X\gamma$  decays and determination of  $|V_{td}/V_{ts}|$ ,” Phys. Rev. D **82**, 051101 (2010) [arXiv:1005.4087 [hep-ex]].
423. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Evidence for the decay  $X(3872) \rightarrow J/\psi \omega$ ,” Phys. Rev. D **82**, 011101 (2010) [arXiv:1005.5190 [hep-ex]].
424. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Study of  $B \rightarrow \pi \ell \nu$  and  $B \rightarrow \rho \ell \nu$  Decays and Determination of  $|V_{ub}|$ ,” Phys. Rev. D **83**, 032007 (2011) [arXiv:1005.3288 [hep-ex]].
425. B. Aubert *et al.* [BaBar Collaboration], “Correlated leading baryon-antibaryon production in  $e^+e^- \rightarrow c\bar{c} \rightarrow \Lambda_c^+ \Lambda_c^- X$ ,” Phys. Rev. D **82**, 091102 (2010) [arXiv:1006.2216 [hep-ex]].
426. P. del Amo Sanchez *et al.* [Babar Collaboration], “Search for  $b \rightarrow u$  transitions in  $B^- \rightarrow DK^-$  and  $D^*K^-$  Decays,” Phys. Rev. D **82**, 072006 (2010) [arXiv:1006.4241 [hep-ex]].
427. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of CP observables in  $B^{+-} \rightarrow D_{CP}K^{+-}$  decays and constraints on the CKM angle  $\gamma$ ,” Phys. Rev. D **82**, 072004 (2010) [arXiv:1007.0504 [hep-ex]].
428. B. Aubert *et al.* [BaBar Collaboration], “Observation of the decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} p i^0$ ,” Phys. Rev. D **82**, 031102 (2010) [arXiv:1007.1370 [hep-ex]].
429. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for  $B^+$  meson decay to  $a_1^+(1260)K^{*0}(892)$ ,” Phys. Rev. D **82**, 091101 (2010) [arXiv:1007.2732 [hep-ex]].
430. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for  $f_J(2220)$  in radiative  $J/\psi$  decays,” Phys. Rev. Lett. **105**, 172001 (2010) [arXiv:1007.3526 [hep-ex]].
431. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for Production of Invisible Final States in Single-Photon Decays of  $\Upsilon(1S)$ ,” Phys. Rev. Lett. **107**, 021804 (2011) [arXiv:1007.4646 [hep-ex]].

432. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Exclusive Production of  $D_s^+ D_s^-$ ,  $D_s^{*+} D_s^-$ , and  $D_s^{*+} D_s^{*-}$  via  $e^+ e^-$  Annihilation with Initial-State-Radiation,” Phys. Rev. D **82**, 052004 (2010) [arXiv:1008.0338 [hep-ex]].
433. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of the Absolute Branching Fractions for  $D_s^- \rightarrow \ell^- \bar{\nu}_\ell$  and Extraction of the Decay Constant  $f_{D_s}$ ,” Phys. Rev. D **82**, 091103 (2010) [arXiv:1008.4080 [hep-ex]].
434. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Observation of new resonances decaying to  $D\pi$  and  $D^*\pi$  in inclusive  $e^+ e^-$  collisions near  $\sqrt{s} = 10.58$  GeV,” Phys. Rev. D **82**, 111101 (2010) [arXiv:1009.2076 [hep-ex]].
435. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for the Rare Decay  $B \rightarrow K\nu\bar{\nu}$ ,” Phys. Rev. D **82**, 112002 (2010) [arXiv:1009.1529 [hep-ex]].
436. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of the  $B^0 \rightarrow \pi^\ell \ell^+ \nu$  and  $B^+ \rightarrow \eta^{(\prime)} \ell^+ \nu$  Branching Fractions, the  $B^0 \rightarrow \pi^- \ell^+ \nu$  and  $B^+ \rightarrow \eta \ell^+ \nu$  Form-Factor Shapes, and Determination of  $|V_{ub}|$ ,” Phys. Rev. D **83**, 052011 (2011) [arXiv:1010.0987 [hep-ex]].
437. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for the Decay  $B^0 \rightarrow \gamma\gamma$ ,” Phys. Rev. D **83**, 032006 (2011) [arXiv:1010.2229 [hep-ex]].
438. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of the  $B \rightarrow_i D$ -bar(\*)D(\*)K branching fractions,” Phys. Rev. D **83**, 032004 (2011) [arXiv:1011.3929 [hep-ex]].
439. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Studies of tau-  $\rightarrow_i$  eta K-nu and tau-  $\rightarrow_i$  eta pi- nu(tau) at BaBar and a search for a second-class current,” Phys. Rev. D **83**, 032002 (2011) [arXiv:1011.3917 [hep-ex]].
440. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Dalitz plot analysis of  $D_s^+ \rightarrow K^+ K^- \pi^+$ ,” Phys. Rev. D **83**, 052001 (2011) [arXiv:1011.4190 [hep-ex]].
441. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Analysis of the  $D^+ \rightarrow K^- \pi^+ e^+ \nu_e$  decay channel,” Phys. Rev. D **83**, 072001 (2011) [arXiv:1012.1810 [hep-ex]].
442. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Observation of the Decay  $B^- \rightarrow D_s^{(*)+} K^- \ell^- \bar{\nu}_\ell$ ,” Phys. Rev. Lett. **107**, 041804 (2011) [arXiv:1012.4158 [hep-ex]].
443. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in  $B^+ \rightarrow \rho^0 K^{*+}$  and  $B^+ \rightarrow f^0(980) K^{*+}$  decays,” Phys. Rev. D **83**, 051101 (2011) [arXiv:1012.4044 [hep-ex]].
444. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of partial branching fractions of inclusive charmless B meson decays to  $K^+$ ,  $K^0$ , and  $\pi^+$ ,” Phys. Rev. D **83**, 031103 (2011) [arXiv:1012.5031 [hep-ex]].
445. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of the  $\gamma\gamma^* \rightarrow \eta$  and  $\gamma\gamma^* \rightarrow \eta'$  transition form factors,” Phys. Rev. D **84**, 052001 (2011) [arXiv:1101.1142 [hep-ex]].
446. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Searches for the baryon- and lepton-number violating decays  $B^0 \rightarrow \Lambda_c^+ \ell^-$ ,  $B^- \rightarrow \Lambda \ell^-$ , and  $B^- \rightarrow \bar{\Lambda} \ell^-$ ,” Phys. Rev. D **83**, 091101 (2011) [arXiv:1101.3830 [hep-ex]].

447. J. P. Lees *et al.* [BaBar Collaboration], “Evidence for the  $h_b(1P)$  meson in the decay  $\Upsilon(3S) \rightarrow \pi^0 h_b(1P)$ ,” Phys. Rev. D **84**, 091101 (2011) [arXiv:1102.4565 [hep-ex]].
448. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the mass and width of the  $D(s1)(2536)^+$  meson,” Phys. Rev. D **83**, 072003 (2011) [arXiv:1103.2675 [hep-ex]].
449. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Observation of  $\eta_c(1S)$  and  $\eta_c(2S)$  decays to  $K^+ K^- \pi^+ \pi^- \pi^0$  in two-photon interactions,” Phys. Rev. D **84**, 012004 (2011) [arXiv:1103.3971 [hep-ex]].
450. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for CP violation in the decay  $D^\pm \rightarrow K_S^0 \pi^\pm$ ,” Phys. Rev. D **83**, 071103 (2011) [arXiv:1011.5477 [hep-ex]].
451. J. P. Lees *et al.* [BaBar Collaboration], “Cross Sections for the Reactions  $e^+ e^- \rightarrow K^+ K^- \pi^+ \pi^-$ ,  $K^+ K^- \pi^0 \pi^0$ , and  $K^+ K^- K^+ K^-$  Measured Using Initial-State Radiation Events,” Phys. Rev. D **86**, 012008 (2012) [arXiv:1103.3001 [hep-ex]].
452. J. P. Lees *et al.* [BaBar Collaboration], “Search for  $b \rightarrow u$  Transitions in  $B^\pm \rightarrow [K^\mp \pi^\pm \pi^0]_D K^\pm$  Decays,” Phys. Rev. D **84**, 012002 (2011) [arXiv:1104.4472 [hep-ex]].
453. J. P. Lees *et al.* [BaBar Collaboration], “Study of radiative bottomonium transitions using converted photons,” Phys. Rev. D **84**, 072002 (2011) [arXiv:1104.5254 [hep-ex]].
454. J. P. Lees *et al.* [BaBar Collaboration], “Amplitude Analysis of  $B^0 \rightarrow K^+ \pi^- \pi^0$  and Evidence of Direct CP Violation in  $B \rightarrow K^* \pi$  decays,” Phys. Rev. D **83**, 112010 (2011) [arXiv:1105.0125 [hep-ex]].
455. J. P. Lees *et al.* [BaBar Collaboration], “Search for CP violation using  $T$ -odd correlations in  $D^+ \rightarrow K^+ K_S^0 \pi^+ \pi^-$  and  $D_s^+ \rightarrow K^+ K_S^0 \pi^+ \pi^-$  decays,” Phys. Rev. D **84**, 031103 (2011) [arXiv:1105.4410 [hep-ex]].
456. J. P. Lees *et al.* [BaBar Collaboration], “Study of di-pion bottomonium transitions and search for the  $h_b(1P)$  state,” Phys. Rev. D **84**, 011104 (2011) [arXiv:1105.4234 [hep-ex]].
457. J. P. Lees *et al.* [BaBar Collaboration], “Measurements of branching fractions and CP asymmetries and studies of angular distributions for  $B \rightarrow \phi \phi K$  decays,” Phys. Rev. D **84**, 012001 (2011) [arXiv:1105.5159 [hep-ex]].
458. J. P. Lees *et al.* [BaBar Collaboration], “Searches for Rare or Forbidden Semileptonic Charm Decays,” Phys. Rev. D **84**, 072006 (2011) [arXiv:1107.4465 [hep-ex]].
459. J. P. Lees *et al.* [BaBar Collaboration], “Branching Fraction Measurements of the Color-Suppressed Decays  $\bar{B}^0 \rightarrow D^{(*)0} \pi^0$ ,  $D^{(*)0} \eta$ ,  $D^{(*)0} \omega$ , and  $D^{(*)0} \eta'$  and Measurement of the Polarization in the Decay  $\bar{B}^0 \rightarrow D^* \omega$ ,” Phys. Rev. D **84**, 112007 (2011) [Erratum-ibid. D **87**, no. 3, 039901 (2013)] [arXiv:1107.5751 [hep-ex]].
460. J. P. Lees *et al.* [BaBar Collaboration], “Observation of the baryonic  $B$  decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{\Lambda} K^-$ ,” Phys. Rev. D **84**, 071102 (2011) [arXiv:1108.3211 [hep-ex]].
461. J. P. Lees *et al.* [BaBar Collaboration], “Search for hadronic decays of a light Higgs boson in the radiative decay  $\Upsilon \rightarrow \gamma A^0$ ,” Phys. Rev. Lett. **107**, 221803 (2011) [arXiv:1108.3549 [hep-ex]].
462. J. P. Lees *et al.* [BaBar Collaboration], “Study of  $\Upsilon(3S, 2S) \rightarrow \eta \Upsilon(1S)$  and  $\Upsilon(3S, 2S) \rightarrow \pi^+ \pi^- \Upsilon(1S)$  hadronic transitions,” Phys. Rev. D **84**, 092003 (2011) [arXiv:1108.5874 [hep-ex]].

463. J. P. Lees *et al.* [BaBar Collaboration], “Observation of the rare decay  $B^{+-} \rightarrow K^+\pi^0\pi^0$  and measurement of the quasi-two body contributions  $B^{+-} \rightarrow K^*(892)^+\pi^0$ ,  $B^{+-} \rightarrow f_0(980)K^+$  and  $B^{+-} \rightarrow \chi_{c0}K^+$ ,” Phys. Rev. D **84**, 092007 (2011) [arXiv:1109.0143 [hep-ex]].
464. J. P. Lees *et al.* [BaBar Collaboration], “Search for CP Violation in the Decay  $\tau^- \rightarrow \pi^- K_S^0 (>= 0\pi^0) \nu_{\tau} \mu$ ,” Phys. Rev. D **85**, 031102 (2012) [Erratum-ibid. D **85**, 099904 (2012)] [arXiv:1109.1527 [hep-ex]].
465. J. P. Lees *et al.* [BaBar Collaboration], “A Measurement of the Semileptonic Branching Fraction of the  $B_s$  Meson,” Phys. Rev. D **85**, 011101 (2012) [arXiv:1110.5600 [hep-ex]].
466. J. P. Lees *et al.* [BaBar Collaboration], “Search for  $\bar{B} \rightarrow \Lambda_c^+ X \ell^- \nu_\ell$  Decays in Events With a Fully Reconstructed B Meson,” Phys. Rev. D **85**, 011102 (2012) [arXiv:1110.6005 [hep-ex]].
467. J. P. Lees *et al.* [BaBar Collaboration], “Search for the Decay  $D^{0-} \rightarrow \gamma\gamma$  and Measurement of the Branching Fraction for  $D^{0-} \rightarrow \pi^0\pi^0$ ,” Phys. Rev. D **85**, 091107 (2012) [arXiv:1110.6480 [hep-ex]].
468. J. P. Lees *et al.* [BaBar Collaboration], “Amplitude analysis and measurement of the time-dependent CP asymmetry of  $B^0 \rightarrow K_S^0 K_S^0 K_S^0$  decays,” Phys. Rev. D **85**, 054023 (2012) [arXiv:1111.3636 [hep-ex]].
469. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Observation and study of the baryonic B-meson decays  $B \rightarrow D^{(*)} p \bar{p}$  ( $\pi$ ) ( $\pi$ ),” Phys. Rev. D **85**, 092017 (2012) [arXiv:1111.4387 [hep-ex]].
470. J. P. Lees *et al.* [BaBar Collaboration], “Search for the  $Z_1(4050)^+$  and  $Z_2(4250)^+$  states in  $\bar{B}^0 \rightarrow \chi_{c1} K^- \pi^+$  and  $B^+ \rightarrow \chi_{c1} K_S^0 \pi^+$ ,” Phys. Rev. D **85**, 052003 (2012) [arXiv:1111.5919 [hep-ex]].
471. J. P. Lees *et al.* [BaBar Collaboration], “Study of  $\bar{B} \rightarrow X_u \ell \bar{\nu}$  decays in  $B\bar{B}$  events tagged by a fully reconstructed B-meson decay and determination of  $\|V_{ub}\|$ ,” Phys. Rev. D **86**, 032004 (2012) [arXiv:1112.0702 [hep-ex]].
472. J. P. Lees *et al.* [BaBar Collaboration], “ $B^0$  meson decays to  $\rho^0 K^{*0}$ ,  $f_0 K^{*0}$ , and  $\rho^- K^{*+}$ , including higher  $K^*$  resonances,” Phys. Rev. D **85**, 072005 (2012) [arXiv:1112.3896 [hep-ex]].
473. J. P. Lees *et al.* [BaBar Collaboration], “Initial-State Radiation Measurement of the  $e^+e^- \rightarrow \pi^+\pi^-\pi^+\pi^-$  Cross Section,” Phys. Rev. D **85**, 112009 (2012) [arXiv:1201.5677 [hep-ex]].
474. J. P. Lees *et al.* [BaBar Collaboration], “Study of CP violation in Dalitz-plot analyses of  $B^0 \rightarrow \bar{c} K+K-K^0(S)$ ,  $B^+ \rightarrow \bar{c} K+K-K^+$ , and  $B^+ \rightarrow \bar{c} K^0(S)K^0(S)K^+$ ,” Phys. Rev. D **85**, 112010 (2012) [arXiv:1201.5897 [hep-ex]].
475. J. P. Lees *et al.* [BaBar Collaboration], “Search for Low-Mass Dark-Sector Higgs Bosons,” Phys. Rev. Lett. **108**, 211801 (2012) [arXiv:1202.1313 [hep-ex]].
476. J. P. Lees *et al.* [BaBar Collaboration], “Search for lepton-number violating processes in  $B^+ \rightarrow \bar{c} h^- l^+ l^+$  decays,” Phys. Rev. D **85**, 071103 (2012) [arXiv:1202.3650 [hep-ex]].

477. J. P. Lees *et al.* [BaBar Collaboration], “Study of the reaction  $e^+e^- \rightarrow J/\psi\pi^+\pi^-$  via initial-state radiation at BaBar,” Phys. Rev. D **86**, 051102 (2012) [arXiv:1204.2158 [hep-ex]].
478. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of Branching Fractions and Rate Asymmetries in the Rare Decays  $B \rightarrow K^{(*)}l^+l^-$ ,” Phys. Rev. D **86**, 032012 (2012) [arXiv:1204.3933 [hep-ex]].
479. J. P. Lees *et al.* [Babar Collaboration], “A search for the decay modes  $B^{+-} \rightarrow h^{+-}\tau^{+-}l$ ,” Phys. Rev. D **86**, 012004 (2012) [arXiv:1204.2852 [hep-ex]].
480. J. P. Lees *et al.* [BaBar Collaboration], “Precise Measurement of the  $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$  Cross Section with the Initial-State Radiation Method at BABAR,” Phys. Rev. D **86**, 032013 (2012) [arXiv:1205.2228 [hep-ex]].
481. J. P. Lees *et al.* [BaBar Collaboration], “Evidence for an excess of  $\bar{B} \rightarrow D^{(*)}\tau^-\bar{\nu}_\tau$  decays,” Phys. Rev. Lett. **109**, 101802 (2012) [arXiv:1205.5442 [hep-ex]].
482. J. P. Lees *et al.* [BaBar Collaboration], “Search for resonances decaying to  $\eta_c\pi^+\pi^-$  in two-photon interactions,” Phys. Rev. D **86**, 092005 (2012) [arXiv:1206.2008 [hep-ex]].
483. J. P. Lees *et al.* [BaBar Collaboration], “Improved Limits on  $B^0$  Decays to Invisible Final States and to  $\nu\bar{\nu}\gamma$ ,” Phys. Rev. D **86**, 051105 (2012) [arXiv:1206.2543 [hep-ex]].
484. J. P. Lees *et al.* [BaBar Collaboration], “Search for the decay modes  $D^0 \rightarrow e^+e^-$ ,  $D^0 \rightarrow \mu^+\mu^-$ , and  $D^0 \rightarrow e\mu$ ,” Phys. Rev. D **86**, 032001 (2012) [arXiv:1206.5419 [hep-ex]].
485. J. P. Lees *et al.* [BaBar Collaboration], “Exclusive Measurements of  $b \rightarrow s\gamma$  Transition Rate and Photon Energy Spectrum,” Phys. Rev. D **86**, 052012 (2012) [arXiv:1207.2520 [hep-ex]].
486. J. P. Lees *et al.* [BaBar Collaboration], “Study of  $X(3915) \rightarrow J/\psi\omega$  in two-photon collisions,” Phys. Rev. D **86**, 072002 (2012) [arXiv:1207.2651 [hep-ex]].
487. J. P. Lees *et al.* [BaBar Collaboration], “Precision Measurement of the  $B \rightarrow X_s\gamma$  Photon Energy Spectrum, Branching Fraction, and Direct CP Asymmetry  $A_{CP}(B \rightarrow X_{s+d}\gamma)$ ,” Phys. Rev. Lett. **109**, 191801 (2012) [arXiv:1207.2690 [hep-ex]].
488. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of  $B(B \rightarrow X_s\gamma)$ , the  $B \rightarrow X_s\gamma$  photon energy spectrum, and the direct CP asymmetry in  $B \rightarrow X_{s+d}\gamma$  decays,” Phys. Rev. D **86**, 112008 (2012) [arXiv:1207.5772 [hep-ex]].
489. J. P. Lees *et al.* [BaBar Collaboration], “Observation of Time Reversal Violation in the  $B^0$  Meson System,” Phys. Rev. Lett. **109**, 211801 (2012) [arXiv:1207.5832 [hep-ex]].
490. J. P. Lees *et al.* [BaBar Collaboration], “The branching fraction of  $\tau^- \rightarrow \pi^- K_S^0 K_S^0 (\pi^0) \nu_\tau$  decays,” Phys. Rev. D **86**, 092013 (2012) [arXiv:1208.0376 [hep-ex]].
491. J. P. Lees *et al.* [BaBar Collaboration], “Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of  $|V_{ub}|$ ,” Phys. Rev. D **86**, 092004 (2012) [arXiv:1208.1253 [hep-ex]].
492. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the Time-Dependent CP Asymmetry of Partially Reconstructed  $B^0 \rightarrow D^{*+}D^{*-}$  Decays,” Phys. Rev. D **86**, 112006 (2012) [arXiv:1208.1282 [hep-ex]].



493. J. P. Lees *et al.* [BaBar Collaboration], “Study of the baryonic  $B$  decay  $B^- \rightarrow \Sigma_c^{++} \bar{p} \pi^- \pi^-$ ,” Phys. Rev. D **86**, 091102 (2012) [arXiv:1208.3086 [hep-ex]].
494. J. P. Lees *et al.* [BaBar Collaboration], “Study of high-multiplicity 3-prong and 5-prong  $\tau$  decays at BABAR,” Phys. Rev. D **86**, 092010 (2012) [arXiv:1209.2734 [hep-ex]].
495. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of  $D^0 - \bar{D}^0$  Mixing and CP Violation in Two-Body  $D^0$  Decays,” Phys. Rev. D **87**, 012004 (2013) [arXiv:1209.3896 [hep-ex]].
496. J. P. Lees *et al.* [BaBar Collaboration], “Branching fraction measurement of  $B \rightarrow \omega \ell \nu$  decays,” Phys. Rev. D **87**, 032004 (2013) [arXiv:1205.6245 [hep-ex]].
497. J. P. Lees *et al.* [BaBar Collaboration], “Search for di-muon decays of a low-mass Higgs boson in radiative decays of the  $\Upsilon(1S)$ ,” Phys. Rev. D **87**, no. 3, 031102 (2013) [arXiv:1210.0287 [hep-ex]].
498. J. P. Lees *et al.* [BaBar Collaboration], “Search for direct CP-violation in singly-Cabibbo suppressed  $D^\pm \rightarrow K^+ K^- \pi^\pm$  decays,” Phys. Rev. D **87**, 052010 (2013) [arXiv:1212.1856 [hep-ex]].
499. J. P. Lees *et al.* [BaBar Collaboration], “Search for CP violation in the Decays  $D^\pm \rightarrow K_S^0 K^\pm$ ,  $D_s^\pm \rightarrow K_S^0 K^\pm$ , and  $D_s^\pm \rightarrow K_S^0 \pi^\pm$ ,” Phys. Rev. D **87**, 052012 (2013) [arXiv:1212.3003 [hep-ex]].
500. J. P. Lees *et al.* [BaBar Collaboration], “Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle gamma with  $B^\pm \rightarrow D^{(*)} K^{(*)\pm}$  decays,” Phys. Rev. D **87**, 052015 (2013) [arXiv:1301.1029 [hep-ex]].
501. J. P. Lees *et al.* [BaBar Collaboration], “Study of  $e^+ e^- \rightarrow p \bar{p}$  via initial-state radiation at BABAR,” Phys. Rev. D **87**, 092005 (2013) [arXiv:1302.0055 [hep-ex]].
502. J. P. Lees *et al.* [Babar Collaboration], “Study of the decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} \pi^+ \pi^-$  and its intermediate states,” Phys. Rev. D **87**, 092004 (2013) [arXiv:1302.0191 [hep-ex]].
503. J. P. Lees *et al.* [BaBar Collaboration], “Search for  $B \rightarrow K^{(*)} \nu \bar{\nu}$  and invisible quarkonium decays,” Phys. Rev. D **87**, 112005 (2013) [arXiv:1303.7465 [hep-ex]].
504. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of CP-violating asymmetries in  $B^0 \rightarrow \rho \pi^0$  decays using a time-dependent Dalitz plot analysis,” Phys. Rev. D **88**, 012003 (2013) [arXiv:1304.3503 [hep-ex]].
505. J. P. Lees *et al.* [BaBar Collaboration], “Search for a light Higgs boson decaying to two gluons or  $s\bar{s}$  in the radiative decays of  $\Upsilon(1S)$ ,” Phys. Rev. D **88**, 031701 (2013) [arXiv:1307.5306 [hep-ex]].
506. J. P. Lees *et al.* [BaBar Collaboration], “Evidence of  $B \rightarrow \tau \nu$  decays with hadronic  $B$  tags,” Phys. Rev. D **88**, 031102 (2013) [arXiv:1207.0698 [hep-ex]].
507. J. P. Lees *et al.* [BaBar Collaboration], “Production of charged pions, kaons and protons in  $e^+ e^-$  annihilations into hadrons at  $\sqrt{s} = 10.54$  GeV,” Phys. Rev. D **88**, 032011 (2013) [arXiv:1306.2895 [hep-ex]].
508. J. P. Lees *et al.* [BaBar Collaboration], “A Search for the Rare Decays  $B \rightarrow \pi \ell^+ \ell^-$  and  $B^0 \rightarrow \eta \ell^+ \ell^-$ ,” Phys. Rev. D **88**, 032012 (2013) [arXiv:1303.6010 [hep-ex]].

509. J. P. Lees *et al.* [BaBar Collaboration], “Search for CP Violation in  $B^0$ - $\bar{B}^0$  Mixing using Partial Reconstruction of  $B^0 \rightarrow D^{*-} X \ell^+ \nu$  and a Kaon Tag,” *Phys. Rev. Lett.* **111**, 101802 (2013) [arXiv:1305.1575 [hep-ex]].
510. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $D^*(2010)^+$  natural line width and the  $D^*(2010)^+-D^0$  mass difference,” *Phys. Rev. D* **88**, 052003 (2013) [arXiv:1304.5009 [hep-ex]].
511. J. P. Lees *et al.* [BaBar Collaboration], “Time-Integrated Luminosity Recorded by the BABAR Detector at the PEP-II  $e^+e^-$  Collider,” *Nucl. Instrum. Meth. A* **726**, 203 (2013) [arXiv:1301.2703 [hep-ex]].
512. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of an Excess of  $\bar{B} \rightarrow D^{(*)} \tau^- \bar{\nu}_\tau$  Decays and Implications for Charged Higgs Bosons,” *Phys. Rev. D* **88**, 072012 (2013) [arXiv:1303.0571 [hep-ex]].
513. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of CP-violating asymmetries in  $B^0 \rightarrow (\rho\pi)^0$  decays using a time-dependent Dalitz plot analysis,” *Phys. Rev. D* **88**, 012003 (2013) [arXiv:1304.3503 [hep-ex]].
514. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $D^*(2010)^+$  natural line width and the  $D^*(2010)^+-D^0$  mass difference,” *Phys. Rev. D* **88**, 052003 (2013) [*Phys. Rev. D* **88**, 079902 (2013)] [arXiv:1304.5009 [hep-ex]].
515. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $D^*(2010)^+$  meson width and the  $D^*(2010)^+-D^0$  mass difference,” *Phys. Rev. Lett.* **111**, 111801 (2013) [arXiv:1304.5657 [hep-ex]].
516. J. P. Lees *et al.* [BaBar Collaboration], “Search for CP Violation in  $B^0$ - $\bar{B}^0$  Mixing using Partial Reconstruction of  $B^0 \rightarrow D^{*-} X \ell^+ \nu_\ell$  and a Kaon Tag,” *Phys. Rev. Lett.* **111**, 101802 (2013) [*Phys. Rev. Lett.* **111**, 159901 (2013)] [arXiv:1305.1575 [hep-ex]].
517. B. Aubert *et al.* [BaBar Collaboration], “The BABAR Detector: Upgrades, Operation and Performance,” *Nucl. Instrum. Meth. A* **729**, 615 (2013) [arXiv:1305.3560 [physics.ins-det]].
518. J. P. Lees *et al.* [BaBar Collaboration], “Production of charged pions, kaons, and protons in  $e^+e^-$  annihilations into hadrons at  $\sqrt{s}=10.54\text{GeV}$ ,” *Phys. Rev. D* **88**, 032011 (2013) [arXiv:1306.2895 [hep-ex]].
519. J. P. Lees *et al.* [BaBar Collaboration], “Precision measurement of the  $e^+e^- K^+ K^- (\gamma)$  cross section with the initial-state radiation method at BABAR,” *Phys. Rev. D* **88**, 032013 (2013) [arXiv:1306.3600 [hep-ex]].
520. J. P. Lees *et al.* [BaBar Collaboration], “Search for a light Higgs boson decaying to two gluons or  $s\bar{s}$  in the radiative decays of  $\Upsilon(1S)$ ,” *Phys. Rev. D* **88**, 031701 (2013) [arXiv:1307.5306 [hep-ex]].
521. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the Mass of the  $D^0$  Meson,” *Phys. Rev. D* **88**, 071104 (2013) [arXiv:1308.1151 [hep-ex]].
522. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $e^+e^- \rightarrow p\bar{p}$  cross section in the energy range from 3.0 to 6.5 GeV,” *Phys. Rev. D* **88**, 072009 (2013) [arXiv:1308.1795 [hep-ex]].

523. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $B^+ \rightarrow \omega \ell^+ \nu$  branching fraction with semileptonically tagged B mesons,” Phys. Rev. D **88**, 072006 (2013) [arXiv:1308.2589 [hep-ex]].
524. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of Collins asymmetries in inclusive production of charged pion pairs in  $e^+e^-$  annihilation at BABAR,” Phys. Rev. D **90**, 052003 (2014) [arXiv:1309.5278 [hep-ex]].
525. J. P. Lees *et al.* [BaBar Collaboration], “Search for lepton-number violating  $B^+ \rightarrow X \ell^+ \ell^+$  decays,” Phys. Rev. D **89**, 011102 (2014) [arXiv:1310.8238 [hep-ex]].
526. J. P. Lees *et al.* [BaBar Collaboration], “Evidence for the decay  $B^0 \rightarrow \omega \omega$  and search for  $B^0 \rightarrow \omega \phi$ ,” Phys. Rev. D **89** 5, 051101 (2014) [arXiv:1312.0056 [hep-ex]].
527. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $B \rightarrow X_s \ell^+ \ell^-$  branching fraction and search for direct CP violation from a sum of exclusive final states,” Phys. Rev. Lett. **112**, 211802 (2014) [arXiv:1312.5364 [hep-ex]].
528. J. P. Lees *et al.* [BaBar Collaboration], “Search for the decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} p \bar{p}$ ,” Phys. Rev. D **89** 7, 071102 (2014) [arXiv:1312.6800 [hep-ex]].
529. J. P. Lees *et al.* [BaBar Collaboration], “Evidence for the baryonic decay  $\bar{B}^0 \rightarrow D^0 \Lambda \bar{\Lambda}$ ,” Phys. Rev. D **89** 11, 112002 (2014) [arXiv:1401.5990 [hep-ex]].
530. J. P. Lees *et al.* [BaBar Collaboration], “Antideuteron production in  $\Upsilon(nS)$  decays and in  $e^+e^- \rightarrow q\bar{q}$  at  $\sqrt{s} \approx 10.58$  GeV,” Phys. Rev. D **89** 11, 111102 (2014) [arXiv:1403.4409 [hep-ex]].
531. J. P. Lees *et al.* [BaBar Collaboration], “Dalitz plot analysis of  $\eta_c \rightarrow K^+ K^- \eta$  and  $\eta_c \rightarrow K^+ K^- \pi^0$  in two-photon interactions,” Phys. Rev. D **89** 11, 112004 (2014) [arXiv:1403.7051 [hep-ex]].
532. J. P. Lees *et al.* [BaBar Collaboration], “Cross sections for the reactions  $e^+e^- \rightarrow K_S^0 K_L^0$ ,  $K_S^0 K_L^0 \pi^+ \pi^-$ ,  $K_S^0 K_S^0 \pi^+ \pi^-$ , and  $K_S^0 K_S^0 K^+ K^-$  from events with initial-state radiation,” Phys. Rev. D **89** 9, 092002 (2014) [arXiv:1403.7593 [hep-ex]].
533. J. P. Lees *et al.* [BaBar Collaboration], “Measurements of direct CP asymmetries in  $BX_s$  decays using sum of exclusive decays,” Phys. Rev. D **90** 9, 092001 (2014) [arXiv:1406.0534 [hep-ex]].
534. Lees:2014xha J. P. Lees *et al.* [BaBar Collaboration], “Search for a Dark Photon in  $e^+e^-$  Collisions at BaBar,” Phys. Rev. Lett. **113** 20, 201801 (2014) [arXiv:1406.2980 [hep-ex]].
535. 5Bevan:2014iga A. J. Bevan *et al.* [BaBar and Belle Collaborations], “The Physics of the B Factories,” Eur. Phys. J. C **74** 11, 3026 (2014) [arXiv:1406.6311 [hep-ex]].
536. J. P. Lees *et al.* [BaBar Collaboration], “Bottomonium spectroscopy and radiative transitions involving the  $\chi_b J(1P, 2P)$  states at BABAR,” Phys. Rev. D **90** 11, 112010 (2014) [arXiv:1410.3902 [hep-ex]].
537. J. P. Lees *et al.* [BaBar Collaboration], “Search for new  $\pi^0$ -like particles produced in association with a  $\tau$ -lepton pair,” Phys. Rev. D **90** 11, 112011 (2014) [arXiv:1411.1806 [hep-ex]].

538. J. P. Lees *et al.* [BaBar Collaboration], “Study of  $B^{\pm,0} \rightarrow J/\psi K^+ K^- K^{\pm,0}$  and search for  $B^0 \rightarrow J/\psi \phi$  at BABAR,” *Phys. Rev. D* **91** 1, 012003 (2015) [arXiv:1407.7244 [hep-ex]].
539. J. P. Lees *et al.* [BaBar Collaboration], “Observation of the baryonic decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} K^- K^+$ ,” *Phys. Rev. D* **91** 3, 031102 (2015) [arXiv:1410.3644 [hep-ex]].
540. J. P. Lees *et al.* [BaBar Collaboration], “Study of  $CP$  Asymmetry in  $B^0 - \bar{B}^0$  Mixing with Inclusive Dilepton Events,” *Phys. Rev. Lett.* **114** (2015) 8, 081801 (2015) [arXiv:1411.1842 [hep-ex]].
541. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $D^0 \rightarrow \pi^- e^+ \nu_e$  differential decay branching fraction as a function of  $q^2$  and study of form factor parameterizations,” *Phys. Rev. D* **91** 5, 052022 (2015) [arXiv:1412.5502 [hep-ex]].
542. J. P. Lees *et al.* [BaBar Collaboration], “Dalitz plot analyses of  $B^0 D D^0 K^+$  and  $B^+ \bar{D}^0 D^0 K^+$  decays,” *Phys. Rev. D* **91** 5, 052002 (2015) [arXiv:1412.6751 [hep-ex]].
543. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the branching fractions of the radiative leptonic  $\tau$  decays  $\tau \rightarrow e \gamma \nu$  and  $\tau \rightarrow \mu \gamma \nu$  at *BABAR*,” *Phys. Rev. D* **91** 051103 (2015) [arXiv:1502.01784 [hep-ex]].
544. J. P. Lees *et al.* [BaBar Collaboration], “Search for a light Higgs resonance in radiative decays of the  $Y(1S)$  with a charm tag,” *Phys. Rev. D* **91** 7, 071102 (2015) [arXiv:1502.06019 [hep-ex]].
545. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of the Absolute Branching Fractions for  $D_s^- \rightarrow \ell^- \bar{\nu}_\ell$  and Extraction of the Decay Constant  $f_{D_s}$ ,” *Phys. Rev. D* **82**, 091103 (2010) Erratum: [*Phys. Rev. D* **91**, no. 1, 019901 (2015)] [arXiv:1008.4080 [hep-ex]].
546. J. P. Lees *et al.* [BaBar Collaboration], “Search for Long-Lived Particles in  $e^+ e^-$  Collisions,” *Phys. Rev. Lett.* **114**, no. 17, 171801 (2015) [arXiv:1502.02580 [hep-ex]].
547. A. Abdesselam *et al.* [BaBar and Belle Collaborations], “First Observation of  $CP$  Violation in  $\bar{B}^0 \rightarrow D_{CP}^{(*)} h^0$  Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data,” *Phys. Rev. Lett.* **115**, no. 12, 121604 (2015) [arXiv:1505.04147 [hep-ex]].
548. J. P. Lees *et al.* [BaBar Collaboration], “Search for mixing-induced  $CP$  violation using partial reconstruction of  $\bar{B}^0 \rightarrow D^{*+} X \ell^- \bar{\nu}_\ell$  and kaon tagging,” *Phys. Rev. D* **93**, no. 3, 032001 (2016) [arXiv:1506.00234 [hep-ex]].
549. J. P. Lees *et al.* [BaBar Collaboration], “Collins asymmetries in inclusive charged  $KK$  and  $K\pi$  pairs produced in  $e^+ e^-$  annihilation,” *Phys. Rev. D* **92**, no. 11, 111101 (2015) [arXiv:1506.05864 [hep-ex]].
550. J. P. Lees *et al.* [BaBar Collaboration], “Study of the  $e^+ e^- \rightarrow K^+ K^-$  reaction in the energy range from 2.6 to 8.0 GeV,” *Phys. Rev. D* **92**, no. 7, 072008 (2015) [arXiv:1507.04638 [hep-ex]].
551. J. P. Lees *et al.* [BaBar Collaboration], “Observation of  $\bar{B} \rightarrow D^{(*)} \pi^+ \pi^- \ell^- \bar{\nu}$  decays in  $e^+ e^-$  collisions at the  $\Upsilon(4S)$  resonance,” *Phys. Rev. Lett.* **116**, no. 4, 041801 (2016) [arXiv:1507.08303 [hep-ex]].

552. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of initial-statefinal-state radiation interference in the processes  $e^+e^{-+-}$  and  $e^+e^{-+-}$ ,” Phys. Rev. D **92**, no. 7, 072015 (2015) [arXiv:1508.04008 [hep-ex]].
553. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of angular asymmetries in the decays  $B \rightarrow K^{*+-}$ ,” Phys. Rev. D **93**, no. 5, 052015 (2016) [arXiv:1508.07960 [hep-ex]].
554. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $I=1/2$   $K\pi$   $S$ -wave amplitude from Dalitz plot analyses of  $\eta_c \rightarrow K\bar{K}\pi$  in two-photon interactions,” Phys. Rev. D **93**, 012005 (2016) [arXiv:1511.02310 [hep-ex]].
555. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Time-dependent analysis of  $B^0 \rightarrow K_S^0\pi^-\pi^+\gamma$  decays and studies of the  $K^+\pi^-\pi^+$  system in  $B^+ \rightarrow K^+\pi^-\pi^+\gamma$  decays,” Phys. Rev. D **93**, no. 5, 052013 (2016) [arXiv:1512.03579 [hep-ex]].
556. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the neutral  $D$  meson mixing parameters in a time-dependent amplitude analysis of the  $D^0 \rightarrow \pi^+\pi^-\pi^0$  decay,” Phys. Rev. D **93**, no. 11, 112014 (2016) [arXiv:1604.00857 [hep-ex]].
557. J. P. Lees *et al.* [BaBar Collaboration], “Tests of CPT symmetry in  $B^0 - \bar{B}^0$  mixing and in  $B^0 \rightarrow c\bar{c}K^0$  decays,” Phys. Rev. D **94**, no. 1, 011101 (2016) [arXiv:1605.04545 [hep-ex]].
558. J. P. Lees *et al.* [BaBar Collaboration], “Search for  $B^+ \rightarrow K^+\tau^+\tau^-$  at the BaBar experiment,” Phys. Rev. Lett. **118**, no. 3, 031802 (2017) [arXiv:1605.09637 [hep-ex]].
559. J. P. Lees *et al.* [BaBar Collaboration], “Search for a muonic dark force at BABAR,” Phys. Rev. D **94**, no. 1, 011102 (2016) [arXiv:1606.03501 [hep-ex]].
560. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the  $B^0 \rightarrow D^* - \pi^+\pi^-\pi^+$  branching fraction,” Phys. Rev. D **94**, no. 9, 091101 (2016) [arXiv:1609.06802 [hep-ex]].
561. J. P. Lees *et al.* [BaBar Collaboration], “Measurement of the inclusive electron spectrum from B meson decays and determination of  $|V_{ub}|$ ,” Phys. Rev. D **95**, no. 7, 072001 (2017) [arXiv:1611.05624 [hep-ex]].
562. J. P. Lees *et al.* [BABAR Collaboration], “Cross sections for the reactions  $e^+e^- \rightarrow K_S^0K_L^0\pi^0$ ,  $K_S^0K_L^0\eta$ , and  $K_S^0K_L^0\pi^0\pi^0$  from events with initial-state radiation,” Phys. Rev. D **95**, no. 5, 052001 (2017) [arXiv:1701.08297 [hep-ex]].
563. J. P. Lees *et al.* [BaBar Collaboration], “Dalitz plot analyses of  $J/\psi \rightarrow \pi^+\pi^-\pi^0$ ,  $J/\psi \rightarrow K^+K^-\pi^0$ , and  $J/\psi \rightarrow K_S^0K^\pm\pi^\mp$  produced via  $e^+e^-$  annihilation with initial-state radiation,” Phys. Rev. D **95**, no. 7, 072007 (2017) [arXiv:1702.01551 [hep-ex]].