

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 π^- 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 π^- 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/ψ 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/c²,” 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/ψ 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/ψ 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/c²,” Phys. Rev. D **69**, 031101 (2004) [hep-ex/0310050].
56. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the average ϕ 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 η_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 $B^- \rightarrow D^0K^{*-}$,” 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 η' 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 α ,” 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 $B^0 \rightarrow f0(980)K_S^0$,” 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 $a0(980)$ 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 Λ_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 ωK^* 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 $B^0 \rightarrow D_s^{*-} D_s^{*+}$ 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 $\eta\pi^+$, ηK^+ , $\eta\rho^+$ and $\eta'\pi^+$, and search for B^0 decays to ηK^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 Ξ_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 γ 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 $\overline{B}^0 \rightarrow D^{*0}\gamma$,” 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/c²,” 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 Λ_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 —V(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 —V(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 $B^0 \rightarrow D_s(*) + \pi^-$ and $B^0 \rightarrow D_s(*) - K^+$,” 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 $B^0 \rightarrow a(1) \pm \rho^\pm$,” 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 B^0 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**2,” 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 $B(B^+ \rightarrow Xe\nu) / B(B^0 \rightarrow Xe\nu)$,” 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 η_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^{*+} , D^{*0} , D^{*+} 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 $s^{**}(1/2) = 10.54\text{-GeV}$ 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 $4.32\text{-GeV}/c^2$ 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 $\sqrt{s} = 10.58\text{-GeV}$,” 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 α ,” 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 ρ^+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 $B^0 \rightarrow D^{(*)}(\text{CP}) h_0$ decays,” Phys. Rev. Lett. **99**, 081801 (2007) [hep-ex/0703019 [HEP-EX]].
258. B. Aubert *et al.* [BaBar Collaboration], “Evidence for D^0 -anti- D^0 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 a0 pi, a0 K, eta rho0, and eta f0,” 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 D0 - anti-D0 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 $B^0 \rightarrow D^{*-} \ell^+ \nu_l$ 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 $\tau^- \rightarrow K^- \pi^0 \nu_{\text{tau}}$ 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, $\tau^- \rightarrow \phi \pi^- \nu_{\text{tau}}$ 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 $a_1^\pm(1260)\pi^\pm$,” 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 $B^+ \rightarrow a+0 \pi^0$,” 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 $K_S^0K^\pm\pi^\mp$ 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 $D^0 \rightarrow K^-\pi^+$, $K^-\bar{K}^+$, and $\pi^-\bar{\pi}^+$,” Phys. Rev. D **78**, 011105 (2008) [arXiv:0712.2249 [hep-ex]].
317. B. Aubert *et al.* [BaBar Collaboration], “Time-dependent Dalitz plot analysis of $B^0 \rightarrow D^\mp K^0$ Pi+- 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 $\tau^- \rightarrow \eta \pi^- \pi \pi^- \nu_{\tau\mu}$ Branching Fraction and a Search for a Second-Class Current in the $\tau^- \rightarrow \eta'(958) \pi^- \nu_{\tau\mu}$ 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 γ 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 f0(980), and f0(980) f0(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 α ,” 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 ωK_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 $\sqrt{s} = 10.54\text{-GeV}$ 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 α ,” Phys. Rev. Lett. **102**, 141802 (2009) [arXiv:0901.3522 [hep-ex]].
375. B. Aubert *et al.* [BaBar Collaboration], “Observation of B Meson Decays to ωK^* and Improved Measurements for $\omega\rho$ and ωf^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 $B \rightarrow D\tau^- \bar{\nu}_t \text{au}$ and $B \rightarrow D^* \tau^- \bar{\nu}_t \text{au}$,” 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 $\ell\phi$, $\ell\rho$, ℓK^* 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 $\tau^- \omega \pi^- \nu_t \text{au}$,” 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 η or η' 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_1K^* ,” 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 — $\bar{\iota}$ Lambda(c)+ 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 — $\bar{\iota}$ 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 — 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 τ mass and the mass difference of the τ^+ and τ^- 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+- — 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 — 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 — ℓ D Dbar 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 — ℓ K0(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 D0-antiD0 mixing parameters using $D0 \rightarrow K(S)0\pi^+\pi^-$ and $D0 \rightarrow K(S)0K^+K^-$ decays,” Phys. Rev. Lett. **105**, 081803 (2010) [arXiv:1004.5053 [hep-ex]].
420. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Search for $B+ \rightarrow D+K0$ 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 $B+ \rightarrow D(*)K(*)\gamma$ 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 γ ,” Phys. Rev. D **82**, 072004 (2010) [arXiv:1007.0504 [hep-ex]].
428. B. Aubert *et al.* [BaBar Collaboration], “Observation of the decay $\bar{B}^0 \rightarrow \Lambda_c^+\bar{p}\pi^0$,” 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/ψ 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 $B^+ \rightarrow \eta^{(*)} \ell^+ \nu$ 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 $B \rightarrow D^- \bar{D}^*(*)K$ 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- $\rightarrow \ell^- \eta$ eta K-nu and tau- $\rightarrow \ell^- \eta$ 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 π^+ ,” 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 $B^\pm \rightarrow [K^\mp p i^\pm \pi^0]_D K^\pm$ 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 $\bar{B}^0 \rightarrow D^{*0} \omega$,” 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 $\Upsilon(3S, 2S) - > \eta \Upsilon(1S)$ and $\Upsilon(3S, 2S) - > \pi^+ \pi^- \Upsilon(1S)$ 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 $B^+ -> K^+\pi^0\pi^0$ and measurement of the quasi-two body contributions $B^+ -> K^*(892)^+\pi^0$, $B^+ -> f_0(980)K^+$ and $B^+ -> \chi_{c0}K^+$,” 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 $\tau^- -> \pi^-K_S^0(>=0\pi^0)\nu_t\bar{\nu}_t$,” 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 $D^0 -> \gamma\gamma$ and Measurement of the Branching Fraction for $D^0 -> \pi^0\pi^0$,” 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 to $D^{(*)}$ p pbar (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 $e^+e^- -> \pi^+\pi^-\pi^+\pi^-$ 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 $B0 \rightarrow K+K-K0(S)$, $B+ \rightarrow K+K-K+$, and $B+ \rightarrow K0(S)K0(S)K+$,” 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 $B+ \rightarrow h^- l^+ l^+$ 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 τ 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 π^0 -like particles produced in association with a τ -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 τ decays $\tau \rightarrow e \gamma \nu \bar{\nu}$ and $\tau \rightarrow \mu \gamma \nu \bar{\nu}$ 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]].