

# Claudia Patrignani

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

1,144  
papers

76,871  
citations

91  
h-index

251  
g-index

1,174  
ext. papers

86,043  
ext. citations

5.6  
avg. IF

8.52  
L-index

#	Paper	IF	Citations
1144	Observation of a new $B_0$ state. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	4
1143	Study of $(\mathbf{B})_{\mathbf{s}}^0 \rightarrow J/\psi K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
1142	Measurement of differential $(\overline{b})$ - and $(\overline{c})$ -dijet cross-sections in the forward region of pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
1141	Study of the lineshape of the $\psi(3872)$ state. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	18
1140	Amplitude analysis of the $B^+ \rightarrow D^+ D^0 K^0$ decay. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	34
1139	Constraints on the $K_{\mathbf{S}}^0 \rightarrow \pi^+ \pi^-$ Branching Fraction. <i>Physical Review Letters</i> , <b>2020</b> , 125, 231801	7.4	1
1138	Precision Measurement of the Ratio $B(\psi(3S) \rightarrow \pi^+ \pi^-) / B(\psi(3S) \rightarrow \pi^+ \pi^0)$ . <i>Physical Review Letters</i> , <b>2020</b> , 125, 241801	7.4	0
1137	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 125, 242001	7.4	25
1136	Search for the Rare Decays $B_{\mathbf{s}}^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow e^+ e^-$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 211802	7.4	4
1135	Measurement of the branching fraction of the decay $B_s^0 \rightarrow K_S^0 K_S^0$ . <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
1134	First observation of the decay $B_0 \rightarrow D^0 D^0 K^0$ . <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
1133	First branching fraction measurement of the suppressed decay $\psi \rightarrow \pi^+$ . <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	3
1132	Search for a Dark Leptophilic Scalar in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , <b>2020</b> , 125, 181801	7.4	4
1131	Measurements of the Absolute Branching Fractions of $B^{\pm} \rightarrow K^{\pm} X_{\mathbf{cc}}^{\pm}$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 152001	7.4	4
1130	Test of lepton universality with $(\Lambda_b^0 \rightarrow p K^{\pm} \ell^{\pm} \ell^{\mp})$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	12
1129	Observation of New $\Sigma_c^0$ Baryons Decaying to $\Sigma_c^+ K^-$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 222001	7.4	10
1128	First Observation of Excited $\Sigma_b^{\pm}$ States. <i>Physical Review Letters</i> , <b>2020</b> , 124, 082002	7.4	18

1127	Resonances in $e^+e^-$ annihilation near 2.2 GeV. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	5
1126	Measurement of the $(\Lambda_b^0) \rightarrow J/\psi$ angular distribution and the $(\Lambda_b^0)$ polarisation in pp collisions. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
1125	Measurement of CP-Averaged Observables in the $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , <b>2020</b> , 125, 011802	7.4	46
1124	Measurement of CP observables in $B_{\mu} \rightarrow DK_{\mu}$ and $B_{\mu} \rightarrow D_{\mu}$ with $D \rightarrow (K_{\text{S}}^0 K^{\pm} \pi^{\mp})$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
1123	Precision measurement of the $(\chi_{cc}^{++})$ mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	11
1122	Measurement of $\chi_{cc}^{++}$ production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , <b>2020</b> , 44, 022001	2.2	4
1121	Search for Rare or Forbidden Decays of the $D^0$ Meson. <i>Physical Review Letters</i> , <b>2020</b> , 124, 071802	7.4	2
1120	Amplitude analysis of the $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ decay. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	19
1119	Observation of Several Sources of CP Violation in $B^+ \rightarrow \pi^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 031801	7.4	18
1118	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s}=7$ and $13 \text{ TeV}$ . <i>European Physical Journal C</i> , <b>2020</b> , 80,	4.2	4
1117	Measurement of $ V_{cb} $ with $B_s^0 \rightarrow D_s^{(*)} \pi^0$ decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	6
1116	Measurement of the relative branching fractions of $B^+ \rightarrow h^+ h^+ h^0$ decays. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
1115	Measurement of the $(\eta_c(1S))$ production cross-section in $(p)(p)$ collisions at $(\sqrt{s} = 13)$ ( $\text{TeV}$ ). <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	9
1114	Search for CP violation in $(\chi_{cc}^+ \rightarrow p \bar{K}^+ \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	7
1113	Observation of the semileptonic decay $B^+ \rightarrow p \bar{\mu}^+ \nu_{\mu}$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020,	5.4	1
1112	Measurement of CP violation in $B^0 \rightarrow D^{*0} \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	0
1111	Measurement of the shape of the $(B_s^0 \rightarrow D_s^{*+} \mu^+ \nu_{\mu})$ differential decay rate. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
1110	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ \mu^0$ using $(B_{s2}^{*0})$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8

1109	Observation of a new baryon state in the ( $\Lambda_{\text{b}}^0$ ) mass spectrum. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	7
1108	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	10
1107	Search for the doubly heavy ( $\Xi_{bc}^0$ ) baryon via decays to $D^0 p K$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
1106	Strong constraints on the $b \rightarrow s$ photon polarisation from $B^0 \rightarrow K^* e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	4
1105	Search for the doubly charmed baryon ( $\Xi_{cc}^+$ ). <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2020</b> , 63, 1	3.6	13
1104	Search for lepton-flavor-violating decays $D^0 \rightarrow X^0 e^+ e^-$ . <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
1103	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review Letters</i> , <b>2020</b> , 125, 212001	7.4	1
1102	Precision measurement of the ( $B_c^+$ ) meson mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
1101	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , <b>2020</b> , 2020,	5.4	1112
1100	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	5
1099	Isospin Amplitudes in $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ and $\Lambda_b^0 \rightarrow J/\psi \Lambda^0 \pi$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 111802	7.4	2
1098	Measurement of $f_s/f_u$ Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , <b>2020</b> , 124, 122002	7.4	7
1097	Study of the $\Lambda(3823)$ and $\Lambda(3872)$ states in $B^+ \rightarrow (J/\psi) K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	15
1096	Search for CP violation and observation of P violation in $B^0 \rightarrow p \pi^0$ decays. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	4
1095	Search for $A^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 041801	7.4	60
1094	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	26
1093	Extraction of form Factors from a Four-Dimensional Angular Analysis of $B \rightarrow D^* \pi$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 091801	7.4	8
1092	Measurement of the relative $B \rightarrow D^0/D^{*0}$ branching fractions using $B$ mesons from $B \rightarrow \pi^0$ decays. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	2

1091	Measurement of CP observables in the process $B^0 \rightarrow DK^*0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
1090	Search for the rare decay $(\{B^+\}) \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ . <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	8
1089	Measurement of the CP-violating phase $\gamma$ from $B_s^0 \rightarrow J/\psi$ decays in 13 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134789	4.2	2
1088	Observation of the $(\Lambda_{\text{b}}^0 \rightarrow \chi_{c1})$ (3872) pK decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
1087	Measurement of the Charm-Mixing Parameter $y_{\text{CP}}$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 011802	7.4	8
1086	Search for CP Violation in $D_{s1}^+ \rightarrow K_S^0 \bar{D}^+$ , $D^+ \rightarrow K_S^0 K^+$ , and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191803	7.4	2
1085	Observation of $B_{(s)}^0 \rightarrow J/\psi$ Decays and Precision Measurements of the $B_{(s)}^0$ Masses. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191804	7.4	4
1084	Measurement of $B^+$ , $B^0$ and $\bar{B}^0$ production in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	12
1083	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 211803	7.4	51
1082	Observation of a Narrow Pentaquark State, $P_c(4312)^+$ , and of the Two-Peak Structure of the $P_c(4450)^+$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 222001	7.4	199
1081	Observation of an Excited $B_c^+$ State. <i>Physical Review Letters</i> , <b>2019</b> , 122, 232001	7.4	18
1080	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \bar{D}^0 \bar{D}^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191801	7.4	137
1079	Observation of the doubly Cabibbo-suppressed decay $\bar{D}^+ c \rightarrow p \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
1078	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi K^+ \bar{D}^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 152002	7.4	13
1077	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
1076	Observation of the Decay $D^0 \rightarrow K^+ \bar{D}^+ e^+ e^-$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 081802	7.4	4
1075	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132002	7.4	17
1074	Measurement of the mass and production rate of $\bar{D}$ baryons. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9

1073	Search for a Stable Six-Quark State at BABAR. <i>Physical Review Letters</i> , <b>2019</b> , 122, 072002	7.4	7
1072	Measurement of the branching fractions of the decays $D^+ \rightarrow K\bar{K}^+K^+$ , $D^+ \rightarrow \bar{K}^0K^+$ and $D^+ \rightarrow \bar{K}^0K^+K^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019,	5.4	3
1071	Study of the $B^0 \rightarrow \psi(770)\psi^*(892)0$ decay with an amplitude analysis of $B^0 \rightarrow (\pi\pi)K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
1070	Measurement of the ratio of branching fractions of the decays $D^0 \rightarrow \psi(2S)\pi^0$ and $D^0 \rightarrow J/\psi\pi^0$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
1069	Dalitz plot analysis of the $D^+ \rightarrow K\bar{K}^+K^+$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	4
1068	Precision measurement of the $\bar{\Lambda}^+$ , $\bar{\Sigma}^+$ , and $\bar{\Xi}^0$ baryon lifetimes. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	14
1067	Amplitude analysis of $B^0 \rightarrow K^0 S K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
1066	First Observation of the Radiative Decay $\chi_{b0} \rightarrow \gamma$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 031801	7.4	7
1065	Measurement of the branching fraction and (C)P asymmetry in $(\{B^+ \rightarrow J/\psi\} \{ \rho^+ \})$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	1
1064	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , <b>2019</b> , 122, 231802	7.4	39
1063	Near-threshold ( $\overline{\text{D}}\text{D}$ ) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	16
1062	Amplitude analysis of the $(B_{(s)}^0 \rightarrow K^* \overline{K}^0)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^* \overline{K}^0)$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	3
1061	Observation of New Resonances in the $\chi_{b0} \pi^+ \pi^-$ System. <i>Physical Review Letters</i> , <b>2019</b> , 123, 152001	7.4	22
1060	Updated measurement of time-dependent (CP)-violating observables in $(B^0_{(s)} \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	7
1059	Measurements of CP asymmetries in charmless four-body $(\Lambda^0_{(b)})$ and $(\Xi^0_{(b)})$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	6
1058	Prompt $\bar{D}^c$ production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	10
1057	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P11023-P11023	1	3
1056	A search for $(\chi_{\text{cc}}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5

1055	Measurement of CP violation in the ( $\{B\}_s^0 \rightarrow \phi \phi$ ) decay and search for the $B_0 \rightarrow \tau \tau$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	0
1054	Search for $B \rightarrow \rho \pi$ with the BaBar experiment. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	2
1053	Measurement of the Bc meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	4
1052	Search for the Lepton-Flavor-Violating Decays $B_{s^0} \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ and $B^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 211801	7.4	13
1051	Search for Lepton-Flavor Violating Decays $B^{+} \rightarrow K^{+} \mu^+ \mu^- e^+ \tau^-$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 241802	7.4	8
1050	Measurement of CP-Violating and Mixing-Induced Observables in $B_{s^0} \rightarrow \tau^+ \tau^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 081802	7.4	2
1049	Amplitude Analysis of $B^{\pm} \rightarrow \mu^{\pm} K^+ K^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 231802	7.4	14
1048	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 232001	7.4	3
1047	Observation of Two Resonances in the $\mu^+ \mu^- \mu^+ \mu^-$ Systems and Precise Measurement of $\mu^+ \mu^- \mu^+ \mu^-$ and $\mu^+ \mu^- \mu^+ \mu^-$ Properties. <i>Physical Review Letters</i> , <b>2019</b> , 122, 012001	7.4	29
1046	Search for excited B + c states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
1045	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2018</b> , 120, 061801	7.4	75
1044	First observation of forward $Z \rightarrow b \bar{b}$ production in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 776, 430-439	4.2	1
1043	Measurement of CP observables in $B \rightarrow D^{(*)} K \pi$ and $B \rightarrow D^{(*)} \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 777, 16-30	4.2	10
1042	A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow p K^+ \pi^-$ and $p \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	9
1041	Measurement of CP asymmetry in $B^0 \rightarrow D^+ \pi^- K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
1040	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e \mu \tau$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
1039	First measurement of the CP-violating phase ( $\phi_s^{\overline{d}}$ ) in $B^0 \rightarrow (K^+ \pi^-) K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
1038	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^* \pi$ branching fraction using three-prong $\tau$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	106

1037	Measurement of the Ratio of the $B^0 \rightarrow D^{*-} \mu^+ \nu_\mu$ and $B^0 \rightarrow D^{*-} \tau^+ \nu_\tau$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , <b>2018</b> , 120, 171802	7.4	126
1036	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \mu^+ \nu_\mu) / B(B_{c^+} \rightarrow J/\psi \tau^+ \nu_\tau)$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 121801	7.4	109
1035	Search for $B_c^+$ decays to two charm mesons. <i>Nuclear Physics B</i> , <b>2018</b> , 930, 563-582	2.8	4
1034	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 052002	7.4	44
1033	Measurement of branching fractions of charmless four-body $\mathbb{D}^0 b$ and $\mathbb{D}^0 \bar{b}$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
1032	Review of Particle Physics*. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	4401
1031	Observation of the decay $\mathbb{B}^0 \rightarrow \bar{p} + p + \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 784, 101-111	4.2	7
1030	Observation of a New $\mathbb{B}^0$ Resonance. <i>Physical Review Letters</i> , <b>2018</b> , 121, 072002	7.4	50
1029	Evidence for the Rare Decay $\mu^+ \rightarrow p \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 221803	7.4	8
1028	Central exclusive production of $J/\psi$ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	13
1027	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0_S K^0_S$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
1026	Study of $\eta'$ production in pPb collisions at $(\sqrt{s_{NN}} = 8.16)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
1025	Study of the reactions $e^+e^- \rightarrow \mu^+\mu^- \gamma \gamma$ and $\mu^+\mu^- \rightarrow e^+e^- \gamma \gamma$ at center-of-mass energies from threshold to 4.35 GeV using initial-state radiation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	7
1024	Measurement of $\cos 2\theta$ in $B^0 \rightarrow D^{(*)} h^0$ with $D \rightarrow K S^0$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
1023	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	21
1022	Search for CP violation in $\mathbb{B}^0 \rightarrow p \bar{K}^0$ and $\mathbb{B}^0 \rightarrow p \bar{K}^*$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 787, 124-133	4.2	9
1021	Measurement of the $\mathbb{B}^0 \rightarrow \mu^+$ transition form factor. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	11
1020	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4.2	3



1019	Search for the decay mode $B_0 \rightarrow p\bar{p}p$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	1
1018	First Evidence for $\cos 2\beta_0$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , <b>2018</b> , 121, 261801	7.4	4
1017	Evidence for an resonance in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1019	4.2	26
1016	Observation of the decay $B_{s0} \rightarrow D^0 K + K^0$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
1015	Observation of $B_{s0} \rightarrow D^0 \pi^0$ and search for $B_0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
1014	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 222001	7.4	22
1013	Measurement of the spectral function for the $B \rightarrow K^* K^0$ decay. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	12
1012	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	12
1011	Measurement of $\eta$ production in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
1010	Measurement of forward top pair production in the dilepton channel in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
1009	Observation of the decay ( $\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-$ ) in the $\eta$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	0
1008	Search for a dimuon resonance in the $\eta$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
1007	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 443	4.2	11
1006	Angular moments of the decay $B \rightarrow \mu\mu$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	17
1005	Measurement of $Z \rightarrow \mu\mu$ production in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
1004	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \mu^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 162002	7.4	54
1003	Measurement of $D^0$ $\mu$ s production asymmetry in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
1002	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and $D^0 \rightarrow K^+ K^- \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , <b>2018</b> , 121, 091801	7.4	8

1001	Measurement of the $\Lambda_c^0$ Baryon Lifetime. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092003	7.4	12
1000	Evidence for the decay $(B_S^0 \rightarrow \overline{K}^* \mu^+ \mu^-)$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
999	Measurement of CP asymmetries in two-body B(s)0-meson decays to charged pions and kaons. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	13
998	Observation of the decay $D_b \rightarrow (2S)p$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	5
997	Measurement of the CP asymmetry in $B \rightarrow D \bar{K} D^0$ and $B \rightarrow D D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	1
996	Search for CP violation using triple product asymmetries in $D b \rightarrow p K^* \bar{D} b \rightarrow p K^* K^0$ and $D^0 b \rightarrow p K^* \bar{D}$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
995	Study of $\chi(1S)$ radiative decays to $\pi^0 \pi^0$ and $K^+ K^-$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	2
994	Updated determination of $D^0 \bar{D}^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
993	Search for the rare decay $\bar{D}^+ \rightarrow p \pi^0$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	9
992	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
991	Study of the process $e^+ e^- \rightarrow \pi^0 \pi^0$ using initial state radiation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	8
990	First observation of $B^+ \rightarrow D^+ s K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s \gamma$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
989	Measurements of the branching fractions of $\bar{D}^+ \rightarrow p \pi^0$ , $\bar{D}^+ \rightarrow p K^+ \pi^-$ , and $\bar{D}^+ \rightarrow p K^+$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	8
988	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
987	Amplitude Analysis of the Decay $B^0 \rightarrow K_S^0 \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 261801	7.4	7
986	Search for the CP-violating strong decays $\bar{D}^+ \rightarrow \pi^+ \pi^0$ and $\chi(958) \rightarrow \pi^+ \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 233-240	4.2	7
985	Search for the suppressed decays $B^+ \rightarrow K^+ K^+ \pi^-$ and $B^+ \rightarrow \pi^+ K^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 765, 307-316	4.2	8
984	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , <b>2017</b> , 13, 391-396.	6.2	45

983	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	56
982	Observation of $J/\psi$ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 022003	7.4	98
981	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 081801	7.4	18
980	First Experimental Study of Photon Polarization in Radiative $B_{s^0}$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 021801	7.4	16
979	Measurement of forward $t\bar{t}$ , $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 110-120	4.2	4
978	Observation of the decay $B_s^0 \rightarrow \eta \eta'$ and evidence for $B^0 \rightarrow \eta \eta'$ . <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	17
977	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2017</b> , 118, 052002	7.4	36
976	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \eta \eta'$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2	25
975	Study of the $D^0 \rightarrow \rho^+ \rho^-$ amplitude in $B \rightarrow D^0 \rho^+ \rho^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	33
974	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 224	4.2	35
973	Observation of $B^0 \rightarrow \eta \eta'$ and $B^0 \rightarrow \eta \eta'$ decays. <i>European Physical Journal C</i> , <b>2017</b> , 77, 72	4.2	4
972	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 177-187	4.2	11
971	Search for $B^+ \rightarrow K^+ \eta \eta'$ at the BaBar Experiment. <i>Physical Review Letters</i> , <b>2017</b> , 118, 031802	7.4	24
970	Observation of the Decay $B^0 \rightarrow \rho^+ \rho^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 071801	7.4	7
969	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \phi$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	48
968	Study of prompt $D^0$ meson production in pPb collisions at $(\sqrt{s_{\text{N}}})=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	27
967	Prompt and nonprompt $J/\psi$ production and nuclear modification in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 159-178	4.2	26
966	Observation of charmless baryonic decays $B(s) \rightarrow pp \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5

965	Study of charmonium production in $\pi$ -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 609	4.2	10
964	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 678	4.2	7
963	Search for Invisible Decays of a Dark Photon Produced in $e^+e^-$ Collisions at BaBar. <i>Physical Review Letters</i> , <b>2017</b> , 119, 131804	7.4	113
962	Observation of $B_c \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
961	Measurements of charm mixing and CP violation using $D^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
960	Measurement of the $B_{\pi}$ production asymmetry and the CP asymmetry in $B_{\pi} \rightarrow J/\psi K_{\pi}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
959	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi K^+$ and $B^+ \rightarrow J/\psi K^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	2
958	Search for the $B^0 \rightarrow \eta'$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	1
957	Observation of the decay $B^0 \rightarrow \rho^+ K^- \pi^0$ and a search for CP violation. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	5
956	Measurement of $B_{\pi^0}$ and $D_{\pi^0}$ Meson Lifetimes. <i>Physical Review Letters</i> , <b>2017</b> , 119, 101801	7.4	10
955	Observation of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 112001	7.4	257
954	Measurement of the CP Violation Parameter $A_{FB}^0$ in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 261803	7.4	11
953	Observation of $B_{\pi^0} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 111803	7.4	13
952	Observation of Five New Narrow $\chi_{c^0}$ States Decaying to $\chi_{c^+} K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 182001	7.4	154
951	Measurement of CP asymmetries in $D_{\pi} \rightarrow \pi$ and $D_s \pi \rightarrow \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 21-30	4.2	6
950	Observation of $\psi(2S) \rightarrow p\bar{p}$ and search for $X(3872) \rightarrow p\bar{p}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 305-313	4.2	16
949	Measurement of the $B_{\pi^0} \rightarrow \pi^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 191801	7.4	106
948	Study of $J/\psi$ Production in Jets. <i>Physical Review Letters</i> , <b>2017</b> , 118, 192001	7.4	20

947	Observation of the Decays $B^0 \rightarrow c_1 p K^0$ and $B^0 \rightarrow c_2 p K^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 062001	7.4	22
946	Observation of the $B^+ \rightarrow D^* K^0$ decay. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
945	Search for the Decays $B_{s1}^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 251802	7.4	40
944	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	23
943	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$ , $K_S^0 K_L^0$ and $K_S^0 K_L^0$ from events with initial-state radiation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	12
942	Dalitz plot analyses of $J/\psi \rightarrow \pi^0$ , $J/\psi \rightarrow K^+ K^0$ , and $J/\psi \rightarrow K_S^0 K^0$ produced via $e^+e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	5
941	Observation of the suppressed decay $B^0 \rightarrow \rho^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
940	Measurement of the inclusive electron spectrum from B meson decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	9
939	Test of lepton universality with $B^0 \rightarrow K^* \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	298
938	$c_1$ and $c_2$ Resonance Parameters with the Decays $B^0 \rightarrow J/\psi \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 221801	7.4	8
937	Measurement of the $e^+e^- \rightarrow \pi^0 \pi^0$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	13
936	Observation of $D^0$ Meson Decays to $\pi^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181805	7.4	14
935	Measurement of the $D^{*+} \rightarrow D^+ \pi^0$ Mass Difference. <i>Physical Review Letters</i> , <b>2017</b> , 119, 202003	7.4	1
934	Search for Baryon-Number Violating $B^0$ Oscillations. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181807	7.4	1
933	Measurement of the $J/\psi$ pair production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
932	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , <b>2017</b> , 77, 238	4.2	4
931	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s}=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	16
930	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 345-356	4.2	7

929	Evidence for the two-body charmless baryonic decay ( $\{B\}^{\{+\}} \rightarrow \overline{\text{poverline}\{\text{varLambda}\}}$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
928	First Observation of the Rare Purely Baryonic Decay $B^{\{0\}} \rightarrow \text{pp}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 232001	7-4	4
927	Resonances and CP violation in $B^{\{0\}} \rightarrow J/\psi \{K\}^{\{+\}} \{K\}^{\{-}\}$ decays in the mass region above the $\rho(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	13
926	Study of ( $\text{mathrm}\{b\} \overline{\text{mathrm}\{b\}}$ ) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	5
925	Measurement of CP observables in $B^{\{\pm\}} \rightarrow DK^{\{\pm\}} \pi$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
924	Measurement of $B^{\{0\}}$ , $B_s^{\{0\}}$ , $B^{\{+\}}$ and $\overline{B}^{\{0\}}$ production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 139-158	4-2	10
923	Measurement of the $e^+e^- \rightarrow K_S^{\{0\}} K_L^{\{0\}}$ and $K_S^{\{0\}} K_L^{\{0\}} \pi$ cross sections using initial-state radiation. <i>Physical Review D</i> , <b>2017</b> , 95,	4-9	5
922	Measurement of CP violation in $B^{\{0\}} \rightarrow J/\psi S^{\{0\}}$ and $B^{\{0\}} \rightarrow \rho(2S) K S^{\{0\}}$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	2
921	First Observation of a Baryonic $B_{\{s\}}^{\{0\}}$ Decay. <i>Physical Review Letters</i> , <b>2017</b> , 119, 041802	7-4	10
920	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4-2	23
919	Evidence for CP violation in $B^{\{+\}} \rightarrow K^*(892)^{\{0\}} \pi^{\{0\}}$ from a Dalitz plot analysis of $B^{\{+\}} \rightarrow K_S^{\{0\}} \pi^{\{0\}}$ decays. <i>Physical Review D</i> , <b>2017</b> , 96,	4-9	2
918	Updated branching fraction measurements of $B^{\{s\}} \{0\} \rightarrow K S^{\{0\}} h^{\{+\}} h^{\{+\}} \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	4
917	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	7
916	Observation of the decay $B^{\{s\}} \{0\} \rightarrow \tau^{\{+}\} \nu$ and evidence for $B^{\{s\}} \{0\} \rightarrow \tau^{\{+}\} \nu \pi$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	6
915	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	3
914	Measurement of the $B^{\{\pm\}}$ production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	8
913	Measurement of the $Y(nS)$ polarizations in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	6
912	Measurement of the CP Asymmetry in $B_{\{s\}}^{\{0\}} - \overline{B}_{\{s\}}^{\{0\}}$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 117, 061803	7-4	18

911	Model-Independent Evidence for $J/\psi$ Contributions to $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082002	7.4	85
910	Evidence for Exotic Hadron Contributions to $B^0 \rightarrow J/\psi \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082003	7.4	91
909	Measurement of the $I=1/2$ $K\bar{K}$ -wave amplitude from Dalitz plot analyses of $B \rightarrow KK\pi$ in two-photon interactions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
908	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^* + X$ and kaon tagging. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	2
907	Time-dependent analysis of $B^0 \rightarrow KS^0 \pi^0$ decays and studies of the $K + \bar{K}$ system in $B^+ \rightarrow K + \pi^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	10
906	Measurement of angular asymmetries in the decays $B \rightarrow K^* \pi$ . <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	20
905	Studies of the resonance structure in $D^0 \rightarrow KS^0 K^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	13
904	Measurement of the mass and lifetime of the $\Sigma^0$ baryon. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
903	Measurement of the neutral D meson mixing parameters in a time-dependent amplitude analysis of the $D^0 \rightarrow \pi^0 \pi^0$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	7
902	Observation of $B \rightarrow D^{(*)} \pi^+ \pi^- \pi^0$ Decays in $e^+ e^-$ Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , <b>2016</b> , 116, 041801	7.4	8
901	First Observation of $D^0 - \bar{D}^0$ Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241801	7.4	16
900	First observation of the rare $B^+ \rightarrow D + K + \pi$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
899	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)} \pi$ branching fractions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
898	Constraints on the unitarity triangle angle $\Gamma$ from Dalitz plot analysis of $B^0 \rightarrow DK + \pi$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
897	Observation of $B_{(s)}^0 \rightarrow D^{(*)} K_{(S)}^0$ and Evidence for $B_{(s)}^0 \rightarrow D^{(*)} K_{(S)}^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161802	7.4	5
896	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^+$ and $D^0 \rightarrow \pi^+ \pi^+$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 191601	7.4	25
895	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241601	7.4	22
894	Review of Particle Physics. <i>Chinese Physics C</i> , <b>2016</b> , 40, 100001	2.2	3442

893	Search for Structure in the $B_{s^0}^0$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , <b>2016</b> , 117, 152003	7.4	64
892	Measurement of the $B^0 \rightarrow D^{*0} \pi^0$ branching fraction. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	5
891	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^{*0} \pi^0$ in the $K^{*0,2} (1430)^0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
890	Study of $D^{*0} + sJ$ mesons decaying to $D^{*0} + K^0 S$ and $D^{*0} K^0 +$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
889	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	34
888	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}} = 5)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10
887	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^0 S$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	11
886	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s} = 13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	65
885	First observation of the decay $B^0 \rightarrow K^0 S K^{*0}$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
884	Observation of the $B^0 \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
883	First observation of the decay $D^0 \rightarrow K^0 \pi^0$ in the $\pi\pi$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 558-567	4.2	10
882	Angular analysis of the $B^0 \rightarrow K^{*0} \pi^0$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	232
881	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , <b>2016</b> , 76, 412	4.2	6
880	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , <b>2016</b> , 76, 664	4.2	16
879	Observations of $D^0 \rightarrow K^0 \pi^0$ and $D^0 \rightarrow K^0 K^0$ decays and searches for other $D^0$ decays to $\pi^0 + h^0$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	17
878	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $(\sqrt{s} = 8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
877	Observation of $D^0 \rightarrow \Upsilon(2S) p K^0$ and $D^0 \rightarrow J/\psi \Lambda K^0$ decays and a measurement of the $D^0$ baryon mass. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
876	Measurement of the properties of the $\Lambda_b^0$ baryon. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	15



875	Production of associated $\Upsilon$ and open charm hadrons in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	25
874	Measurement of the CKM angle $\Gamma$ using $B^0 \rightarrow DK^*0$ with $D \rightarrow K^*0$ $\rightarrow$ $\pi^+\pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	6
873	Measurement of the forward Z boson production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
872	Measurement of the ratio of branching fractions ( $\frac{\text{Br}(B^0 \rightarrow K^+ J/\psi K^+)}{\text{Br}(B^0 \rightarrow K^+ J/\psi K^0)}$ ). <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	5
871	Measurement of forward $W \rightarrow e\bar{\nu}$ production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
870	Measurement of the CKM angle $\Gamma$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	23
869	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^*(892)^0 \pi^+ \pi^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	48
868	Study of the production of $\Lambda$ and $\Lambda_c$ hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , <b>2016</b> , 40, 011001	2.2	65
867	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05010-P05010	1	10
866	Amplitude analysis of $B^0 \rightarrow D^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	45
865	Study of $B_c^+$ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow \pi^0 \pi^+$ . <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	17
864	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 261801	7.4	6
863	Measurement of the $B_s^0 \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 484-492	4.2	4
862	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 754, 167-175	4.2	14
861	Model-independent measurement of the CKM angle $\Gamma$ using $B^0 \rightarrow DK^*0$ decays with $D \rightarrow K^*0 \rightarrow \pi^+ \pi^-$ and $K^*0 \rightarrow K^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
860	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \tau^+ \tau^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 253-262	4.2	13
859	Measurements of long-range near-side angular correlations in $\sqrt{s}=5$ TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 473-483	4.2	32
858	Search for $B_c^+$ decays to the $pp^+ \pi^-$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 313-321	4.2	10

857	Observation of the $B_0 \rightarrow \eta$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 282-292	4.2	12
856	Measurement of CP observables in $B_{\mu} \rightarrow DK_{\mu}$ and $B_{\mu} \rightarrow D_{\mu}$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 760, 117-131	4.2	16
855	Tests of CPT symmetry in $B_0 B_{\bar{0}}$ mixing and in $B_0 \rightarrow cc\bar{K}^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	4
854	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	66
853	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , <b>2015</b> , 11, 743-747	7.9	79
852	Determination of $\Gamma_{\text{and}} \Gamma_{\text{B}}$ from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 741, 1-11	4.2	9
851	Study of the rare $B_{s0}$ and $B_0$ decays into the $\eta\eta'$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 46-55	4.2	13
850	Measurement of the branching fractions of the radiative leptonic $B$ decays $B \rightarrow e\pi$ and $B \rightarrow \pi$ at BABAR. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	8
849	Study of $B_{\mu,0} \rightarrow J/\psi + K_{\mu,0}$ and search for $B_0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	27
848	Study of CP asymmetry in $B^{\{0\}} - B^{\{\bar{0}\}}$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2015</b> , 114, 081801	7.4	13
847	Search for Long-Lived Particles in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , <b>2015</b> , 114, 171801	7.4	19
846	Dalitz plot analyses of $B_0 \rightarrow D\bar{D}^0 K^+$ and $B^{+-} \rightarrow D^{\pm} D^0 K^+$ decays. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	22
845	Measurement of the semileptonic CP asymmetry in $B_0 - B^{\bar{0}}$ mixing. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041601	7.4	28
844	Precision measurement of CP violation in $B(S)(0) \rightarrow J/\psi + K^-$ decays. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041801	7.4	53
843	Measurement of $B_c^+$ Production in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 132001	7.4	35
842	LHCb detector performance. <i>International Journal of Modern Physics A</i> , <b>2015</b> , 30, 1530022	1.2	452
841	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
840	Search for CP violation in $D_0 \rightarrow \eta\pi$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 740, 158-167	4.2	16

839	Study of $B^0$ mixing from measurement of $B^0 \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	8
838	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	7
837	Search for the lepton flavour violating decay $B^0 \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	22
836	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B^*(5747)^{0,+}$ states and observation of $B_{u,d}^+ \rightarrow \rho^+ \pi^0$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	14
835	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	14
834	Observation of the rare $B^0 \rightarrow \pi^+ \pi^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , <b>2015</b> , 522, 68-72	5-4	326
833	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P06013-P06013		32
832	Measurement of the $[B^0 \rightarrow \pi^+ \pi^-]$ production cross-section in proton-proton collisions via the decay $[B^0 \rightarrow \pi^+ \pi^-]$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4-2	41
831	Measurement of the $D^0 \rightarrow \pi^+ \pi^-$ differential decay branching fraction as a function of $q^2$ and study of form factor parametrizations. <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	23
830	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	7
829	Study of CP violation in $B^0 \rightarrow D^0 h^0$ ( $h=K, \pi$ ) with the modes $D^0 \rightarrow K^+ \pi^-$ , $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	13
828	Study of the $e^+ e^- \rightarrow K^+ K^-$ reaction in the energy range from 2.6 to 8.0 GeV. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	7
827	Measurement of initial-state final-state radiation interference in the processes $e^+ e^- \rightarrow \pi^+ \pi^-$ and $e^+ e^- \rightarrow \pi^+ \pi^- \gamma$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	6
826	Study of $B^0 \rightarrow DK^0$ and $B^0 \rightarrow D^0 \pi^0$ decays and determination of the CKM angle $\alpha$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	4
825	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , <b>2015</b> , 115, 112001	4-9	16
824	First Observation of CP Violation in $B^0 \rightarrow D_{CP}^{(*)} h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , <b>2015</b> , 115, 121604	7-4	10
823	Evidence for the Strangeness-Changing Weak Decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 241801	7-4	14
822	Observation of the baryonic decay $B^0 \rightarrow \bar{p} \pi^+ K^0$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	2

821	First observation and amplitude analysis of the $B \rightarrow D + K$ decay. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	30
820	Quantum numbers of the X(3872) state and orbital angular momentum in its $\psi J/\psi$ decay. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	34
819	Amplitude analysis of $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	16
818	Dalitz plot analysis of $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	53
817	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	17
816	Measurement of the branching fraction ratio $B(B_c \rightarrow \psi(2S) \pi) / B(B_c \rightarrow J/\psi)$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	11
815	Collins asymmetries in inclusive charged $KK$ and $K\pi$ pairs produced in $e^+e^-$ annihilation. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	13
814	Search for the rare decays $B^0 \rightarrow J/\psi \pi$ and $B_s^0 \rightarrow J/\psi \pi$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	7
813	Model-independent confirmation of the Z(4430) state. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	25
812	Measurement of CP Violation in $B^0 \rightarrow J/\psi \{S\}^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 031601	7.4	22
811	Observation of the $B(s)(0) \rightarrow \pi\pi$ Decay. <i>Physical Review Letters</i> , <b>2015</b> , 115, 051801	7.4	7
810	Observation of $J/\psi$ Resonances Consistent with Pentaquark States in $\psi(b)^0 \rightarrow J/\psi \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 072001	7.4	580
809	Measurement of the ratio of branching fractions $B(B \rightarrow D^{*+} \pi^-) / B(B \rightarrow D^{*0} \pi^0)$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 111803	7.4	316
808	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0} \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 161802	7.4	65
807	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P02007-P02007	7.4	207
806	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P10005-P10005	7.4	105
805	Measurement of CP asymmetries and polarisation fractions in $(B_s^0 \rightarrow \overline{K}^{*0} K^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
804	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	31

803	Search for the $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
802	Measurement of the exclusive $J/\psi$ production cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	42
801	Measurement of the $B^0 \rightarrow \mu^+ \mu^-$ branching fraction and search for the decay $B^0 \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	8
800	Forward production of $J/\psi$ mesons in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	21
799	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \mu^+ \mu^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
798	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^* \mu^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	4
797	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	27
796	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	11
795	Measurement of CP violation parameters and polarisation fractions in ( $B^0 \rightarrow J/\psi \overline{K}^0$ ) decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	12
794	Measurement of forward $Z \rightarrow e^+ e^-$ production at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	17
793	Differential branching fraction and angular analysis of $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	54
792	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow J/\psi K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	9
791	Search for the decay ( $B^0 \rightarrow \overline{D}^0 \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	10
790	Measurement of forward $J/\psi$ production cross-sections in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	47
789	Observation of the decay $B^0 \rightarrow (2S) K^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 484-494	4.2	12
788	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	138
787	Measurement of the inelastic pp cross-section at a centre-of-mass energy of ( $\sqrt{s}$ ) = 7 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	13
786	Angular analysis of the $B^0 \rightarrow K^0 e^+ e^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	20

785	Determination of the branching fractions of $B^0 \rightarrow D^+ S^- K^0$ and $B^0 \rightarrow D^+ B^- K^+$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	5
784	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , <b>2015</b> , 75, 595	4.2	8
783	Observation of the $B^0 \rightarrow \pi^0 \pi^0$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+ \pi^-)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 468-478	4.2	9
782	Measurement of the lifetime of the $B_c^+$ meson using the $B_c^+ \rightarrow J/\psi$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 29-37	4.2	25
781	Observation of two new $\Lambda(b)^{-}$ baryon resonances. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062004	7.4	35
780	Measurement of the CP-violating phase $\arg(B^0 \rightarrow J/\psi)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 38-49	4.2	24
779	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	60
778	Search for a dark photon in $e^+e^-$ collisions at BABAR. <i>Physical Review Letters</i> , <b>2014</b> , 113, 201801	7.4	241
777	Measurement of the $B^0$ and $B^+$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10
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775	Measurement of the CP-violating phase $\arg$ in $B^0 \rightarrow J/\psi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 186-195	4.2	33
774	Evidence for the decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^0$ . <i>Nuclear Physics B</i> , <b>2014</b> , 886, 665-680	2.8	79
773	Addendum: Observation of double charm production involving open charm in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
772	Searches for $(\Lambda_b^0)$ and $(\Xi_b^0)$ decays to $(K_{\text{charm}}^0 \pi^0)$ and $(K_{\text{charm}}^0 \pi^+ \pi^-)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0)$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
771	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	7
770	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	22
769	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
768	Angular analysis of charged and neutral $B \rightarrow K \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18

767	Evidence for the decay $(\text{B}_{\text{c}}^+ \rightarrow \text{J} \psi \text{ left/ right})$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	16
766	Differential branching fractions and isospin asymmetries of $\text{B} \rightarrow \text{K}^* \text{ } \psi \text{ decays}$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	142
765	Measurement of CP asymmetry in $\text{D}^0 \rightarrow \text{K}^+ \text{ } \psi \text{ and } \text{D}^0 \rightarrow \text{ } \psi \text{ decays}$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	42
764	Study of $(\text{varUpsilon})$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	27
763	Observation of the $\text{D}^0 \text{ } \psi \text{ decay}$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	29
762	Observation of the $\text{B}^0 \text{ } \psi \text{ decay}$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	5
761	Study of the kinematic dependences of $\text{D}^0 \text{ } \psi$ production in pp collisions and a measurement of the $\text{D}^0 \text{ } \psi \text{ branching fraction}$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	30
760	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	15
759	Measurement of $\text{Upsilon}$ production in $\text{pp}$ collisions at $\sqrt{s} = 2.76 \text{ TeV}$ . <i>European Physical Journal C</i> , <b>2014</b> , 74,	4-2	23
758	Measurement of the $\text{B}^0 \text{ } \psi$ meson lifetime using $\text{B}^0 \text{ } \psi$ decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4-2	32
757	Measurement of $\text{B}^0 \text{ } \psi$ polarisation in $\text{pp}$ collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4-2	35
756	Measurement of charged particle multiplicities and densities in $\text{pp}$ collisions at $\sqrt{s} = 2.76 \text{ TeV}$ in the forward region. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2888	4-2	20
755	Search for the decay $\text{B}^0 \rightarrow \text{X} \text{ } \psi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 234-243	4-2	8
754	Search for CP violation in the decay $\text{B}^0 \rightarrow \text{X} \text{ } \psi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 585-595	4-2	15
753	Measurement of the charge asymmetry in $\text{B}^0 \rightarrow \text{X} \text{ } \psi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 85-94	4-2	10
752	Search for lepton-number violating $\text{B}^+ \rightarrow \text{X} \text{ } \psi$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	22
751	Observation of the resonant character of the $\text{Z}(4430)^-$ state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222002	7-4	234
750	Observation of photon polarization in the $\text{b} \rightarrow \text{s} \text{ } \psi$ transition. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161801	7-4	29

749	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4.2	43
748	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P12005-P12005	1	79
747	Measurement of the CP-violating phase $\phi_s$ in $B_s(0) \rightarrow D_s(+/-) D_s(-/+)$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 211801	7.4	17
746	Search for new D-like particles produced in association with a dilepton pair. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	1
745	Measurement of CP violation parameters in $B_0 \rightarrow DK^*0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
744	Bottomonium spectroscopy and radiative transitions involving the $B_J(1P,2P)$ states at BaBar. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	5
743	Measurements of CP violation in the three-body phase space of charmless $B_{\pm}$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	47
742	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
741	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 055002	2.9	83
740	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^*0 \pi^{\pm}$ and $B^+ \rightarrow K^+ \pi^{\pm}$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	15
739	Observation of $B_{s^0} \rightarrow \{K^* \pi\} \{K^* \pi\}$ and evidence for $B_{s^0} \rightarrow \{K^* \pi\} \{K^* \pi\}$ decays. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123001	2.9	6
738	Measurement of CP violation and constraints on the CKM angle $\sin 2\beta$ in $B_{\pm} \rightarrow DK^*_{\pm}$ decays. <i>Nuclear Physics B</i> , <b>2014</b> , 888, 169-193	2.8	13
737	Measurement of the $B_{\pm} B_0$ and $B_{\pm} B_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 218-228	4.2	22
736	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
735	Evidence for CP violation in $B^+ \rightarrow \rho^+ \rho^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 141801	7.4	14
734	Measurements of direct CP asymmetries in $B \rightarrow X s \pi$ decays using sum of exclusive decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	9
733	Evidence for the decay $B_0 \rightarrow \rho^0 \pi^0$ and search for $B_0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
732	Cross sections for the reactions $e^+e^- \rightarrow K^0 K^0 L^0$ , $K^0 K^0 L^0$ and $K^0 K^0 K^0$ and $K^0 K^0 K^0 + K^0 \pi^0$ from events with initial-state radiation. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	32



731	First observation of a baryonic $B_c^+$ decay. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152003	7.4	24
730	Measurement of resonant and CP components in $B_s^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	54
729	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131802	7.4	70
728	Measurement of the $B_s^0$ meson lifetime in $D_s^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 172001	7.4	10
727	Search for the decay $B^0 \rightarrow \bar{p} p \pi^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
726	Measurement of Collins asymmetries in inclusive production of charged pion pairs in $e^+e^-$ annihilation at BABAR. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	58
725	Measurement of CP violation in the phase space of $B^0 \rightarrow K^+ K^- \pi^0$ and $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 011801	7.4	61
724	Measurement of the resonant and CP components in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	52
723	Observation of overlapping spin-1 and spin-3 $D_0 K^-$ resonances at mass 2.86 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 162001	7.4	61
722	Measurement of the $B_s(0) \rightarrow D_s D_s^+$ and $B_s(0) \rightarrow D^- D_s^+$ effective lifetimes. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111802	7.4	12
721	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^+ K^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	70
720	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 041801	7.4	18
719	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032001	7.4	30
718	Review of Particle Physics. <i>Chinese Physics C</i> , <b>2014</b> , 38, 090001	2.2	5549
717	Measurement of the $B \rightarrow X s \bar{B}$ Branching Fraction and Search for Direct CP Violation from a Sum of Exclusive Final States. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	66
716	Dalitz plot analysis of $\bar{B} \rightarrow K^+ K^- \pi^0$ and $\bar{B} \rightarrow K^+ K^0 \pi^0$ in two-photon interactions. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
715	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 151601	7.4	542
714	Precision measurement of the mass and lifetime of the $\Lambda_b^0$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242002	7.4	26

713	Measurement of CP violation in $B_s^0 \rightarrow ??$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
712	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
711	Observation of $B(s)(0) \rightarrow J/\psi(1285)$ decays and measurement of the $\psi(1285)$ mixing angle. <i>Physical Review Letters</i> , <b>2014</b> , 112, 091802	7.4	17
710	Evidence for the baryonic decay $B \rightarrow D^0 \Lambda$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	4
709	Measurement of the ratio of $B_c^+$ branching fractions to $J/\psi$ and $J/\psi$ final states. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
708	Study of the reaction $e^+e^- \rightarrow (2S) \Lambda$ via initial-state radiation at BaBar. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	59
707	Studies of beauty baryon decays to $D^0 p \Lambda$ and $\bar{D}^0 h \Lambda$ final states. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
706	Antideuteron production in $\psi(nS)$ decays and in $e^+e^- \rightarrow qq$ at $\sqrt{s} = 0.58$ GeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	9
705	Observation of charmonium pairs produced exclusively in $pp$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 115002	2.9	10
704	Study of $\chi_{c0}(\psi)$ $\Lambda$ meson production in $pp$ collisions at $\sqrt{s} = 7$ and $8$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	33
703	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \Lambda$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
702	Search for CP violation in $D^0 \rightarrow K^+ K^- \Lambda$ and $D^0 \rightarrow K^+ K^- \Lambda$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
701	First observations of the rare decays $B^+ \rightarrow K^+ \Lambda$ and $B^0 \rightarrow K^+ \Lambda$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	7
700	Measurement of the $\Lambda_b(3P)$ mass and of the relative rate of $\Lambda_b(1P)$ and $\Lambda_b(2P)$ production. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	17
699	Measurement of the CKM angle $\alpha$ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^+ K^- \Lambda$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	19
698	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^- \Lambda$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	10
697	Measurement of the forward W boson cross-section in $pp$ collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	14
696	Measurement of the flavour-specific CP-violating asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 607-615	4.2	31

695	A study of CP violation in $B_{\mu} \rightarrow DK_{\mu}$ and $B_{\mu} \rightarrow D_{\mu}$ decays with $D \rightarrow KS0K_{\mu}$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 36-45	4.2	12
694	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	20
693	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	86
692	Search for CP violation in $D \rightarrow \mu^+ \mu^-$ and $(D_s^+ \rightarrow K_S^0 \pi^+)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	14
691	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	48
690	Production of $J/\psi$ and $(\chi_{c0})$ mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	58
689	Measurement of the $B^0 \rightarrow K^0 e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	22
688	Limits on neutral Higgs boson production in the forward region in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	4
687	Measurement of the fragmentation fraction ratio $f_s/f_d$ and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	78
686	Measurement of CP observables in $B^0 \rightarrow DK^0$ with $D \rightarrow K + K$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
685	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	43
684	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	63
683	First evidence for the annihilation decay mode $\{B^+\} \rightarrow D_s^+ \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	13
682	Measurement of $J/\psi$ production in pp collisions at $(\sqrt{s}=2.76; \text{TeV})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	28
681	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2421	4.2	17
680	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2462	4.2	19
679	Search for $D(s) \rightarrow \mu^+ \mu^-$ and $D(s) \rightarrow \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 203-212	4.2	30
678	Model-independent search for CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 623-633	4.2	19

677	Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow J/\psi K_S^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 721, 24-31	4.2	11
676	Recent Results in Bottomonium. <i>Annual Review of Nuclear and Particle Science</i> , <b>2013</b> , 63, 21-44	15.7	20
675	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow K_S^0 \pi^+$ and $B^+ \rightarrow K_S^0 K^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 646-655	4.2	9
674	First measurement of time-dependent CP violation in ( $B_s^0 \rightarrow \{K^+\} \{K^-\}$ ) decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	25
673	Study of $B_{(s)}^0 \rightarrow K_{\text{charmless}}^0 \{h^+\} \{h^{\prime -}\}$ decays with first observation of $B_s^0 \rightarrow K_{\text{charmless}}^0 \{K^{\pm}\} \{\pi^{\mp}\}$ and $B_s^0 \rightarrow K_{\text{charmless}}^0 \{\pi^+\} \{\pi^-\}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	14
672	Measurement of the relative rate of prompt $\Upsilon^0$ , $\Upsilon^1$ and $\Upsilon^2$ production at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	31
671	First evidence for the two-body charmless baryonic decay $\{B^0\} \rightarrow \overline{p} \{p\}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	7
670	Study of $D^* J$ meson decays to $D^+ \{D^0\}$ and $D^{*+} \{D^0\}$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	69
669	First observation of the decay ( $B_c^+ \rightarrow \{J \text{ left/ } \{\{\psi \{K^+\}\}\} \text{ right.}\}$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	36
668	Searches for ( $B_{(s)}^0 \rightarrow \{J \text{ left/ } \{\{\psi \{p\}\} \text{ right.}\} \overline{p}$ ) and $B^+ \rightarrow J/\psi (\overline{p}) \{p\}$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
667	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \{D^* \}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	99
666	Measurement of B meson production cross-sections in proton-proton collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	45
665	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	116
664	Observation of $\{B^0\}_{(s)} \rightarrow \overline{B}^0_{(s)}$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , <b>2013</b> , 73,	4.2	14
663	Search for the doubly charmed baryon ( $\Xi_{cc}^+\}$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41
662	Measurement of / polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
661	Observation of the decay ( $B_c^+ \}) \rightarrow J/\psi + K^+ \{D^0\}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20
660	First observation of the decay ( $B_s^0 \rightarrow \phi \overline{K}^0 \{K^0\}$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	7

659	First evidence for the decay $B(s)(0) \rightarrow \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2013</b> , 110, 021801	7.4	263
658	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 221601	7.4	78
657	Search for the rare decay ( $K_{\mathcal{S}}^0 \rightarrow \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	10
656	A study of the Z production cross-section in pp collisions at ( $\sqrt{s}=7, \text{TeV}$ ) using tau final states. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	13
655	Measurement of the ratio of branching fractions $B(B0 \rightarrow K^0)/B(Bs0 \rightarrow K^0)$ and the direct CP asymmetry in $B0 \rightarrow K^0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 1-18	2.8	29
654	Measurement of the effective $\alpha_s$ . <i>Nuclear Physics B</i> , <b>2013</b> , 873, 275-292	2.8	10
653	Prompt charm production in pp collisions at $\sqrt{s}=7, \text{TeV}$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 1-20	2.8	163
652	Observation of the suppressed ADS modes $B \rightarrow D^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 44-53	4.2	14
651	Measurement of the CKM angle $\Gamma$ from a combination of $B^{\pm} \rightarrow D h^{\pm}$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 151-163	4.2	33
650	Measurement of the $B0 \rightarrow D^0$ oscillation frequency $\Gamma_{\text{hd}}$ with the decays $B0 \rightarrow D^* \mu^+ \mu^-$ and $B0 \rightarrow J/\psi K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 719, 318-325	4.2	15
649	Search for direct CP violation in $B^0 \rightarrow D^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 33-43	4.2	29
648	Measurements of the $B0 \rightarrow J/\psi K^0$ decay amplitudes and the $B0$ polarisation in pp collisions at $s=7 \text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 27-35	4.2	41
647	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 729, 615-701	1.2	125
646	Observation of the decay $Bs0 \rightarrow D^0 \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 403-411	4.2	13
645	Search for the rare decay $D0 \rightarrow \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 15-24	4.2	23
644	Measurement of the differential branching fraction of the decay $B^0 \rightarrow D^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 25-35	4.2	29
643	Evidence for the decay $B0 \rightarrow J/\psi K^0$ and measurement of the relative branching fractions of $Bs0$ meson decays to $J/\psi K^0$ and $J/\psi K^*$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 547-566	2.8	25
642	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 36-45	4.2	27

641	Observation of $\Lambda_c^+$ . <i>Nuclear Physics B</i> , <b>2013</b> , 874, 663-678	2.8	8
640	Time-integrated luminosity recorded by the BABAR detector at the PEP-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 726, 203-213	1.2	86
639	Observation of $D^0$ - $\bar{D}^0$ oscillations. <i>Physical Review Letters</i> , <b>2013</b> , 110, 101802	7.4	45
638	Observations of $\Lambda_c^+$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 403-419	2.8	16
637	Measurement of the $\Lambda_c^+$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 718, 902-909	4.2	31
636	Precision measurement of the $B^0$ oscillation frequency with the decay $B^0 \rightarrow D^+ \pi^-$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 053021	2.9	49
635	Exclusive $J/\psi$ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2013</b> , 40, 045001	2.9	85
634	Search for the lepton-flavor-violating decays $B(s) \rightarrow e(\mu)\tau$ and $B^0 \rightarrow e(\mu)\tau$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 141801	7.4	25
633	Precision measurement of the $\Lambda_b(0)$ baryon lifetime. <i>Physical Review Letters</i> , <b>2013</b> , 111, 102003	7.4	32
632	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\psi(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	10
631	Branching fraction measurement of $B^+ \rightarrow \mu^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
630	Measurement of CP violation and the $B_s^0$ meson decay width difference with $B_s^0 \rightarrow J/\psi + K^+ K^-$ and $B_s^0 \rightarrow J/\psi + \pi^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	66
629	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 251801	7.4	34
628	Search for direct CP violation in singly Cabibbo-suppressed $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	7
627	First observations of $B_{\text{cb}}^0 \rightarrow D^+ D_s^- + D^- D_s^+$ and $D^0 D_s^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	19
626	Measurement of the $\Lambda_b(0)$ , $\Lambda_b(-)$ , and $\Lambda_b((-)$ Baryon masses. <i>Physical Review Letters</i> , <b>2013</b> , 110, 182001	7.4	57
625	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\psi(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	26
624	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 151801	7.4	11

623	First measurement of the CP-violating phase in $B_s(0) \rightarrow \tau\tau$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 241802	4.9	14
622	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222001	7.4	234
621	Measurement of the branching fractions of the decays $B_s0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
620	Analysis of the resonant components in $B^0 \rightarrow J/\psi K^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	49
619	Study of $e^+e^- \rightarrow p\bar{p}$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	77
618	Observation of the decay $B(c)(+) \rightarrow B(s)(0)$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 181801	7.4	55
617	Search for the decay $B_s0 \rightarrow D^* \eta$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	6
616	Measurement of the polarization amplitudes in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
615	Measurement of CP violation in the phase space of $B^0 \rightarrow K^0 K^0$ and $B^0 \rightarrow K^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101801	7.4	70
614	Measurement of the $D^*(2010)^+$ natural linewidth and the $D^*(2010)^+ D^0$ mass difference. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
613	Search for $B \rightarrow K^*(\pi)$ and invisible quarkonium decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	80
612	Observation of the decay $B_c^{+-} \rightarrow (\eta S)$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	28
611	Search for CP violation in $B^0$ - $B^0$ mixing using partial reconstruction of $B^0 \rightarrow D^* X$ and a kaon tag. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101802	7.4	19
610	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow K^*(0) (\pi^+ \pi^-)$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 191801	7.4	314
609	Measurement of the $D^*(2010)^+$ meson width and the $D^*(2010)^+ - D^0$ mass difference. <i>Physical Review Letters</i> , <b>2013</b> , 111, 111801	7.4	25
608	Measurement of an excess of $B^0 \rightarrow D^*(\pi)$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	340
607	Precision measurement of the $e^+e^- \rightarrow K^+ K^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	59
606	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	38

605	Observation of $B_{c^+} \rightarrow J/\psi D_s^+$ and $B_{c^+} \rightarrow J/\psi D_s^{*+}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	46
604	Study of $B^0 \rightarrow D^{*+} \pi^-$ and $B^0 \rightarrow D^{*0} \pi^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
603	Measurement of the CP asymmetry in $B(0) \rightarrow K^{*0} (\pi^+ \pi^-)$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 031801.	7.4	21
602	Studies of the decays $B^{+} \rightarrow \rho^+ \pi^0$ and observation of $B^{+} \rightarrow \rho(1520) \pi^+$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
601	Search for CP violation in the decays $D_{s^*}^{\pm} \rightarrow K S^0 K^{\pm}$ , $D_s^{\pm} \rightarrow K S^0 K^{\pm}$ , and $D_s^{\pm} \rightarrow K S^0 \pi^{\pm}$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
600	Observation of a resonance in $B^+ \rightarrow K^+ \pi^0 \pi^0$ decays at low recoil. <i>Physical Review Letters</i> , <b>2013</b> , 111, 112003.	7.4	43
599	Amplitude analysis and branching fraction measurement of $B_{c^+} \rightarrow J/\psi K^+ \pi^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	32
598	First observation of the decay $B_s^{*2}(5840)(0) \rightarrow B^{*+} K^-$ and studies of excited $B_s(0)$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 151803	7.4	42
597	Measurement of the $e^+e^- \rightarrow \rho^+ \pi^-$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	40
596	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	31
595	First observation of $B_{c^+} \rightarrow J/\psi K^+ \pi^0$ and search for $B_{c^+} \rightarrow J/\psi \pi^+$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
594	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
593	Production of charged pions, kaons, and protons in $e^+e^-$ annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	37
592	Measurement of the $B_s(0) \rightarrow \pi^+ \pi^-$ branching fraction and search for $B(0) \rightarrow \pi^+ \pi^-$ decays at the LHCb experiment. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101805	7.4	221
591	Search for rare $B(0) \rightarrow (\pi^+ \pi^-) (\pi^+ \pi^-)$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 211801	7.4	14
590	Measurement of the mass of the $D_0$ meson. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	7
589	Search for a light Higgs boson decaying to two gluons or $ss$ in the radiative decays of $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
588	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\beta$ with $B_{d^+} \rightarrow D^{*0} K^{*0}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	29



587	Study of the decay $B^0 \rightarrow \pi^+ \pi^-$ and its intermediate states. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	3
586	Search for the rare decays $B \rightarrow \mu \mu$ and $B^0 \rightarrow \mu \mu$ <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
585	Measurement of $D^0 \bar{D}^0$ mixing and CP violation in two-body $D^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	27
584	Evidence of $B^+ \rightarrow \mu \mu$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	65
583	Measurement of CP-violating asymmetries in $B^0 \rightarrow \mu \mu$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
582	Observation of $B^0 \rightarrow \mu \mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 52-59	4.2	104
581	Measurement of the effective $B_s^0 \rightarrow K^+ K^-$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 349-356	4.2	16
580	Measurement of the CP violating phase $\phi_1$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 497-505	4.2	34
579	Search for the rare decays $B^0 \rightarrow \mu \mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 708, 55-67	4.2	29
578	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 708, 241-248	4.2	55
577	First observation of the decay $B^0 \rightarrow \mu \mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 50-58	4.2	22
576	Measurement of the $B_s^0 \bar{B}_s^0$ oscillation frequency $\Delta m_s$ in $B_s^0 \rightarrow D_s(B) \mu \mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 177-184	4.2	42
575	Observation of CP violation in $B^0 \rightarrow DK^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 712, 203-212	4.2	69
574	Measurement of charged particle multiplicities in pp collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ) in the forward region. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	24
573	Observation of X(3872) production in pp collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ). <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	121
572	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2022	4.2	39
571	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2025	4.2	83
570	Observation of time-reversal violation in the $B^0$ meson system. <i>Physical Review Letters</i> , <b>2012</b> , 109, 211801	4.2	96

569	Review of Particle Physics*. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	4786
568	Measurement of the $B \rightarrow \pi$ production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	19
567	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^{\pm} \{K^{\pm} \pi^{\mp}\}$ and $B_s^0 \rightarrow D_s^{\pm} \{ \pi^{\mp} \}$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	15
566	Observation of double charm production involving open charm in pp collisions at $(\sqrt{s}) = 7$ ; {text{TeV}}. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	86
565	Measurement of the isospin asymmetry in $B \rightarrow K^{(*)} \pi \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	59
564	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	51
563	Study of $D_s J$ decays to $\{D^{\pm} K_{\text{mathrm{S}}}^0\}$ and $D^0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	24
562	Measurement of the fraction of $\chi(1S)$ originating from $B(1P)$ decays in pp collisions at $(\sqrt{s}) = 7, \text{TeV}$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	17
561	First observation of the decay $B^+ \rightarrow \bar{c} \bar{c} \pi$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	35
560	Evidence for CP violation in time-integrated $D^0 \rightarrow h^{(-)} h^{(+)}$ decay rates. <i>Physical Review Letters</i> , <b>2012</b> , 108, 111602	7.4	150
559	Search for $B \rightarrow \bar{c} \bar{c} \pi$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	1
558	Measurement of the semileptonic branching fraction of the $B_s$ meson. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	11
557	Search for CP violation in the decay $B \rightarrow K_s^0(D^0) \pi$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
556	Observation and study of the baryonic B-meson decays $B \rightarrow D^{(*)} p \pi$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	17
555	Measurements of the branching fractions and CP asymmetries of $B \rightarrow J/\psi \pi$ and $B \rightarrow \chi(2S) \pi$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
554	$B^0$ meson decays to $\bar{D} K^0$ , $f_0 K^0$ , and $K^{*+}$ , including higher $K^*$ resonances. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	6
553	First evidence of direct CP violation in charmless two-body decays of $B_s^0$ mesons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201601	7.4	43
552	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- S^0$ , $B^+ \rightarrow K^+ K^- K^+$ , and $B^+ \rightarrow K^0 K^+ K^+$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	58

551	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^*0)/B(B_s^0 \rightarrow ?)$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	12
550	Searches for Majorana neutrinos in $B$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	47
549	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \bar{D}^1 K^+$ and $B^+ \rightarrow \bar{D}^1 K^0$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	42
548	Measurement of $b$ hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	105
547	Measurement of $B(B \rightarrow Xs)$ , the $B \rightarrow Xs$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow Xs + d$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	34
546	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 172-179	4.2	12
545	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 186-195	4.2	33
544	Measurement of the polarization amplitudes and triple product asymmetries in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 369-377	4.2	13
543	Measurement of the CP-violating phase . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 378-386	4.2	31
542	Measurement of the cross-section ratio . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 714, 215-223	4.2	41
541	Measurement of $(2)$ meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2100	4.2	63
540	Measurement of relative branching fractions of decays to $(2)$ and $/$ mesons. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2118	4.2	18
539	Measurement of prompt hadron production ratios in pp collisions at $(\sqrt{s} = 0.9 \text{ TeV})$ and $(\sqrt{s} = 7 \text{ TeV})$ . <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	23
538	Measurement of the effective . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 716, 393-400	4.2	10
537	A model-independent Dalitz plot analysis of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 43-55	4.2	20
536	Measurement of the ratio of prompt . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 431-440	4.2	42
535	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	22
534	Inclusive W and Z production in the forward region at $(\sqrt{s} = 7 \text{ TeV})$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	60

533	Precise measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	110
532	First observation of the decay $B(c)^+ \rightarrow J/\psi \pi^+$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 251802	7.4	50
531	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^*(*) \pi$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	82
530	Study of high-multiplicity three-prong and five-prong $\psi$ decays at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
529	Cross sections for the reactions $e^+e^- \rightarrow K^+K^-\pi^+K^-\pi^0$ , and $K^+K^-\pi^+K^-\pi^0$ measured using initial-state radiation events. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	41
528	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \pi$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 181806	7.4	39
527	Study of $X(3915) \rightarrow J/\psi \pi$ two-photon collisions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	52
526	Measurement of the $B[\psi(0)]$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , <b>2012</b> , 109, 152002	7.4	14
525	First observation of the decays $B(0) \rightarrow D(+)\bar{K}(-)\pi^+\pi^-$ and $B(-) \rightarrow D(0)\bar{K}(-)\pi^+\pi^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 161801	7.4	8
524	Observation of excited $\Lambda(b)(0)$ baryons. <i>Physical Review Letters</i> , <b>2012</b> , 109, 172003	7.4	68
523	Analysis of the resonant components in $B[\psi(0) \rightarrow J/\psi \pi]$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	59
522	Search for the decay modes $B \rightarrow h \pi$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	21
521	Determination of the sign of the decay width difference in the $B(s)(0)$ system. <i>Physical Review Letters</i> , <b>2012</b> , 108, 241801	7.4	55
520	Exclusive measurements of $b \rightarrow s \pi$ transition rate and photon energy spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	40
519	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})(B \rightarrow X(s+d))$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 191801	7.4	43
518	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^*+D^{*\pi}$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
517	Initial-state radiation measurement of the $e^+e^- \rightarrow \mu^+\mu^- \gamma$ cross section. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
516	Study of the baryonic B decay $B \rightarrow \bar{p} + p \pi$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	14

515	Measurement of the $B_s^0 \rightarrow J/\psi K^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
514	Strong constraints on the rare decays $B(s)(0) \rightarrow \mu \mu$ and $B^0 \rightarrow \mu \mu$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 231801	7.4	144
513	Search for lepton number violating decays $B^+ \rightarrow \mu \mu$ and $B^+ \rightarrow K^- \mu \mu$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101601	7.4	35
512	Measurement of the CP-violating phase $\phi(s)$ in the decay $B(s)(0) \rightarrow J/\psi$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101803	7.4	95
511	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 211801	7.4	52
510	Search for the $X(4140)$ state in $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	55
509	First observation of the decays $B_c(s)0 \rightarrow D_s + K^0$ and $B_c(s)0 \rightarrow D_{s1}(2536) + \pi$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	9
508	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow J/\psi$ decay. <i>Physical Review Letters</i> , <b>2012</b> , 109, 232001	7.4	53
507	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	51
506	Search for lepton-number violating processes in $B^+ \rightarrow h^+ l^+$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
505	Amplitude analysis and measurement of the time-dependent CP asymmetry of $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	14
504	Observation of $B^0 \rightarrow D^0(0)K^+K^-$ and evidence for $B(s)(0) \rightarrow D^0(0)K^+K^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 131801	7.4	22
503	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0 \rightarrow \mu \mu$ and $D^0 \rightarrow e \mu$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
502	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow h^+ l^+$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , <b>2012</b> , 108,	7.4	2
501	Evidence for an excess of $B \rightarrow D^{*+} \pi^0$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 101802	7.4	456
500	Observation of $B(s)(0) \rightarrow J/\psi(2)'(1525)$ in $J/\psi K^-$ final states. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151801	7.4	16
499	Study of the reaction $e^+ e^- \rightarrow J/\psi \mu \mu$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	75
498	Branching fraction of $B \rightarrow K_S^0 K_S^0(0) \pi$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8

497	Improved limits on $B_0$ decays to invisible ( $\chi$ ) final states. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	13
496	Search for resonances decaying to $\chi\chi$ in two-photon interactions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
495	Study of $B_0 \rightarrow Xu$ decays in $BB$ events tagged by a fully reconstructed B-meson decay and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	20
494	Search for the decay $D_0 \rightarrow \chi$ and measurement of the branching fraction for $D_0 \rightarrow \chi\chi$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
493	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P01010-P01010	1	34
492	Measurement of the inclusive $\chi$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 703, 267-273	4.2	18
491	First observation of the decay $\chi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 32-39	4.2	14
490	Measurement of $J/\psi$ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	216
489	Measurement of $V_0$ production ratios in pp collisions at $(\sqrt{s} = 0.9)$ and 7 TeV. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	12
488	Amplitude analysis of $B_0 \rightarrow K^+\chi$ and evidence of direct CP violation in $B \rightarrow K^*\chi$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	21
487	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow DK^{*+}$ and $B^+ \rightarrow f_0(980)K^{*+}$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
486	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
485	Search for $b \rightarrow u$ transitions in $B_H \rightarrow [K^*\chi]DK_H$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
484	Search for CP violation in the decay $D_H \rightarrow KS_0^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	19
483	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	33
482	Search for CP violation in $D^+ \rightarrow K^+K^0_S$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
481	Studies of $B \rightarrow K\chi$ and $B \rightarrow \chi$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	27
480	Searches for the baryon- and lepton-number violating decays $B_0 \rightarrow \chi + [B\chi]$ and $B_H \rightarrow \chi\chi$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	13

479	Observation of $\bar{B}(1S)$ and $\bar{B}(2S)$ decays to $K+K\bar{B}$ in two-photon interactions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
478	Observation of the baryonic B decay $B\bar{B}^0 \rightarrow \bar{B}^0 + \Lambda^0 K^0$ <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	2
477	Observation of the rare decay $B^+ \rightarrow K^+ \pi^0 \pi^0$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \pi^0$ , $B^+ \rightarrow f_0(980) K^+$ , and $B^+ \rightarrow \bar{B}^0 K^+$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13
476	Measurement of partial branching fractions of inclusive charmless B meson decays to $K^+$ , $K^0$ , and $\pi^+$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	3
475	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	8
474	Measurement of the mass and width of the $Ds_1(2536)^+$ meson. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	10
473	Evidence for the $hb(1P)$ meson in the decay $(B_S) \rightarrow \pi hb(1P)$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	22
472	Study of $B \rightarrow \pi\pi$ and $B \rightarrow \pi\eta$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	76
471	First observation of $B\bar{B}^0 \rightarrow Ds_2^* + X$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 14-20	4.2	25
470	First observation of $Bs^0 \rightarrow J/\psi \bar{B}^0(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 115-122	4.2	66
469	Search for the rare decays $Bs^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 699, 330-340	4.2	58
468	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 021804	7.4	43
467	Measurement of the $B \rightarrow D\pi^*(*)D^*(*)K$ branching fractions. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	20
466	Branching fraction measurements of the color-suppressed decays $B\bar{B}^0$ to $D^*(*)\pi^0\pi^0$ , $D^*(*)\pi^0\pi^0 D^*(*)\pi^0\pi^0$ and $D^*(*)\pi^0\pi^0$ and measurement of the polarization in the decay $B\bar{B}^0 \rightarrow D^* \pi^0$ <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
465	Analysis of the $D^+ \rightarrow K^0 e^+ \mu^+$ decay channel. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	25
464	Study of $(B_S, 2S) \rightarrow \Upsilon(1S)$ and $(B_S, 2S) \rightarrow \pi^0 \Upsilon(1S)$ hadronic transitions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
463	Measurement of the $\bar{B} \rightarrow \Lambda$ and $\bar{B} \rightarrow \Sigma$ transition form factors. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	86
462	Search for the decay $B^0 \rightarrow \pi$ <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	4

461	Dalitz plot analysis of $D_{s^+} \rightarrow K^+ K^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	30
460	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ \pi^0$ branching fractions, the $B^0 \rightarrow \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ \pi^0$ form-factor shapes, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	29
459	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. DPRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	2
458	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \pi^+ \pi^- K$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	5
457	Search for hadronic decays of a light Higgs boson in the radiative decay $H \rightarrow \gamma \gamma$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 221803	7.4	41
456	Search for CP violation using T-odd correlations in $D^+ \rightarrow K^+ K_S^0 \pi^0$ and $D_{s^+} \rightarrow K^+ K_S^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
455	Measurements of the branching fractions for $B(s) \rightarrow D(s) \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	20
454	Determination of $f(s)/f(d)$ for 7 TeV pp collisions and measurement of the $B^0 \rightarrow D^- K^+$ branching fraction. <i>Physical Review Letters</i> , <b>2011</b> , 107, 211801	7.4	23
453	Observation of the decay $B^- \rightarrow D(s)^+ K^- \pi^0$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 041804	7.4	7
452	Test of lepton universality in $\tau \rightarrow S$ decays at BABAR. <i>Physical Review Letters</i> , <b>2010</b> , 104, 191801	7.4	19
451	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	22
450	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle $\alpha$ with $B^+ \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 121801	7.4	42
449	Search for charged lepton flavor violation in narrow upsilon decays. <i>Physical Review Letters</i> , <b>2010</b> , 104, 151802	7.4	14
448	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters using $D^0 \rightarrow K(S)^0 \pi^+ \pi^-$ and $D^0 \rightarrow K(S)^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081803	7.4	70
447	Search for $f(J)(2220)$ in radiative $J/\psi$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 172001	7.4	6
446	Measurement of CP observables in $B \rightarrow DCPK$ decays and constraints on the CKM angle $\alpha$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	26
445	Exclusive production of $D_s^+ D_s^-$ , $D_s^+ D_s^0$ and $D_s^+ D_s^{*0}$ via $e^+ e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	21
444	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- \pi^+ \pi^0$ and $K^- \pi^+$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 051602	7.4	38



443	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D l \nu(l)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2010</b> , 104, 011802	7.4	57
442	Searches for Lepton flavor violation in the decays $\tau_{\pm} \rightarrow e_{\pm} \gamma$ and $\tau_{\pm} \rightarrow \mu_{\pm} \gamma$ . <i>Physical Review Letters</i> , <b>2010</b> , 104, 021802	7.4	328
441	Measurement of the $B \rightarrow \bar{D}$ transition form factor. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	35
440	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle $\beta$ from $B^0 \rightarrow a_1(1260) \pi^0$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	13
439	Differential expression of microRNAs between eutopic and ectopic endometrium in ovarian endometriosis. <i>Journal of Biomedicine and Biotechnology</i> , <b>2010</b> , 2010, 369549		106
438	Observation of the $\chi(1372)$ bottomonium state through decays to $\psi(1S)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
437	Search for the rare decay $B \rightarrow K \pi$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	20
436	Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow c\bar{c} \rightarrow \bar{p} + \pi^+$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	2
435	Search for $B^+$ meson decay to $a_1(1260)K^*(892)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	4
434	Evidence for the decay $X(3872) \rightarrow J/\psi \pi^0$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	119
433	Search for $B^+ \rightarrow D^+ K^0$ and $B^+ \rightarrow D^+ K^{*0}$ decays. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	2
432	Search for $B^+ \rightarrow \pi^+ \pi^0$ recoiling against $B \rightarrow D^0 X$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	65
431	B-meson decays to $\pi^+ \pi^0$ , and $\pi^+ K^*$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	9
430	Observation of the rare decay $B^0 \rightarrow K_S^0 K^0$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	6
429	Observation of inclusive $D^* \pi$ production in the decay of $\psi(1S)$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	4
428	Measurement of the absolute branching fractions for $D_s \rightarrow \pi^+ \pi^0$ and extraction of the decay constant $f_{D_s}$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	24
427	Limits on lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	42
426	Observation of new resonances decaying to $D^0$ and $D^{*0}$ in inclusive $e^+e^-$ collisions near $s=10.58$ GeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	111

425	Observation of the decay $B_{D^*} \rightarrow \bar{b} + p \pi^0$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	6
424	Study of $B \rightarrow X \pi$ decays and determination of $ V_{td}/V_{ts} $ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
423	Observation of the $\bar{B}_2(2P)$ meson in the reaction $\bar{B} \rightarrow DD^*$ at BABAR. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	60
422	Search for CP violation using T-odd correlations in $D^0 \rightarrow K + K \pi \pi$ decays. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
421	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow X c \ell$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	22
420	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2010</b> , 37, 075021	2.9	4379
419	Prompt $\pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 693, 69-80.	4.2	20
418	Measurement of $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 694, 209-216	4.2	107
417	Characterization of protein tyrosine phosphatase H1 knockout mice in animal models of local and systemic inflammation. <i>Journal of Inflammation</i> , <b>2010</b> , 7, 16	6.7	4
416	Precise measurement of the $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$ cross section with the initial state radiation method at BABAR. <i>Physical Review Letters</i> , <b>2009</b> , 103, 231801	7.4	163
415	Search for dimuon decays of a light scalar boson in radiative transitions $Upsilon \rightarrow \gamma A_0$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 081803	7.4	139
414	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 051803	7.4	26
413	Search for second-class currents in $\tau \rightarrow \omega \pi^0 \nu_{\tau}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 041802	7.4	9
412	Measurements of the semileptonic decays $B \rightarrow D \ell$ and $B \rightarrow D^* \ell$ using a global fit to $D X$ final states. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
411	Measurement of the $\bar{B} \rightarrow 0$ transition form factor. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	246
410	Measurements of the $B_c$ mass and the mass difference of the $B_c$ and $\bar{B}_c$ at BABAR. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	26
409	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} + D^{(*)} \pi$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
408	Search for a low-mass higgs boson in $Upsilon(3S) \rightarrow \gamma A(0)$ , $A(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , <b>2009</b> , 103, 181801	7.4	51

407	Improved measurement of $B^+ \rightarrow \rho^+ \rho^0$ and determination of the quark-mixing phase angle $\alpha$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 141802	7.4	20
406	Improved limits on lepton-flavor-violating tau decays to $l\phi_i$ , $l\rho$ , $lK$ , and $l\bar{K}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 021801	7.4	10
405	Measurement of $B \rightarrow K^*(892)\gamma$ branching fractions and CP and Isospin asymmetries. <i>Physical Review Letters</i> , <b>2009</b> , 103, 211802	7.4	28
404	Evidence for the $\eta(b)(1S)$ meson in radiative $Upsilon(2S)$ decay. <i>Physical Review Letters</i> , <b>2009</b> , 103, 161801	7.4	67
403	Search for invisible decays of the $Upsilon(1S)$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 251801	7.4	35
402	Evidence for $X(3872) \rightarrow \psi(2S)\gamma$ in $B^{(\pm)} \rightarrow X(3872)K^{(\pm)}$ decays and a study of $B \rightarrow cc[\overline{\gamma}]\gamma K$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 132001	7.4	134
401	Measurement of the $e^+e^- \rightarrow b\bar{b}$ Cross Section between $\sqrt{s}=10.54$ and $11.20$ GeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 012001	7.4	57
400	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K^{(*)}l^+l^-$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 091803	7.4	58
399	Dalitz plot analysis of $B \rightarrow D\pi\pi$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	42
398	Measurement of $D^0$ - $\overline{D}^0$ mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K\pi^-\pi^0$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 103, 211801	7.4	34
397	Measurement of $B \rightarrow X\gamma$ decays and determination of $ V_{td}/V_{ts} $ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 161803	7.4	2
396	Model-independent search for the decay $B^+ \rightarrow l^+\pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
395	Observation and polarization measurement of $B^0 \rightarrow a_1(1260)a_1(1260)\pi$ decay. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4
394	Dalitz plot analysis of $B \rightarrow D\pi$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	41
393	Observation of B meson decays to $K^*$ and improved measurements for $B^0$ and $B^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
392	Branching fractions and CP-violating asymmetries in radiative B decays to $K\pi$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
391	Constraints on the CKM angle $\beta$ in $B^0 \rightarrow D^0\bar{K}^0$ and $B^0 \rightarrow D^0K^0$ from a Dalitz analysis of $D^0$ and $\overline{D}^0$ decays to $KS\pi$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
390	Observation of the baryonic B-decay $B^0 \rightarrow \bar{p}K^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4

389	Search for $B_0$ meson decays to $D^0 K^0 K^0 S^0$ , $K^0 K^0 K^0 S^0$ , and $D^0 K^0 K^0 S^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	3
388	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+ \pi^-$ branching fractions. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
387	Search for the decay $B^+ \rightarrow K^0 K^0 K^0 S^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	12
386	Measurement of the semileptonic decays $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^{*0} \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
385	Time-dependent amplitude analysis of $B_0 \rightarrow K^0 \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37
384	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	63
383	Search for Lepton Flavor Violating Decays $B \rightarrow l \bar{l} K^0$ with the BABAR Experiment. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
382	Evidence for $B^+ \rightarrow K^0 \pi^+ K^* K^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
381	Search for $b \rightarrow u$ transitions in $B_0 \rightarrow D^0 K^* K^0$ decays. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
380	$B$ meson decays to charmless meson pairs containing $\pi$ or $\eta$ mesons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
379	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^0 \pi^0$ and $K^+ K^- \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	30
378	Dalitz plot analysis of $D_s^+ \rightarrow \pi^+ \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	31
377	Search for $B$ -meson decays to $b_1 \pi$ and $b_1 K^*$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	6
376	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	108
375	Search for the rare leptonic decays $B^+ \rightarrow l^+ \pi^0 (l=e, \mu)$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
374	Measurement of the branching fraction and $\pi$ polarization in $B_0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	11
373	Measurement of time-dependent CP asymmetry in $B_0 \rightarrow cc \bar{K}^{(*)0}$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	84
372	Measurement of time dependent CP asymmetry parameters in $B_0$ meson decays to $K^0 S^0$ , $\bar{K}^0 K^0$ , and $D^0 K^0 S^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	24

371	Exclusive initial-state-radiation production of the $DD\bar{D}$ , $D^*D\bar{D}$ and $D^*D\bar{D}^*$ systems. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	75
370	Study of $D_s J$ decays to $D^*K$ in inclusive $e^+e^-$ interactions. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	86
369	Measurement of CP violation observables and parameters for the decays $B_{\bar{d}} \rightarrow DK^*\bar{d}$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	8
368	Observation of the bottomonium ground state in the decay $Upsilon(3S) \rightarrow \gamma \eta_{c,b}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 071801	7.4	132
367	Measurement of the branching fractions of the rare decays $B_0 \rightarrow D_s(^*)\pi^0 B_0 \rightarrow D_s(^*)\pi^0$ and $B_0 \rightarrow D_s(^*)K(^*)^+$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
366	Measurement of the mass difference $m(B_0) - m(B^+)$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
365	Study of hadronic transitions between $\chi$ states and observation of $\chi(4S) \rightarrow \chi(1S)$ decay. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
364	Search for $B \rightarrow K^*\pi$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
363	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^*K_0^0$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	7
362	Dalitz plot analysis of the decay $B_0(B^0) \rightarrow K^0\pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
361	Observation of $B_0 \rightarrow \bar{d}0K^*0$ and evidence for $B^+ \rightarrow \bar{d}0K^*+$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	6
360	Measurement of $D_0D^0$ mixing using the ratio of lifetimes for the decays $D_0 \rightarrow K^0, K^0_+,$ and $\pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
359	Search for $B^+ \rightarrow \pi^0\pi^0$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	62
358	Measurement of time-dependent CP asymmetry in $B_0 \rightarrow KS_0^0\pi^0$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	19
357	Search for the rare charmless hadronic decay $B^+ \rightarrow \pi^0\pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	5
356	Measurement of the CP-violating asymmetries in $B_0 \rightarrow K_S^0\pi^0$ and of the branching fraction $B_0 \rightarrow K_0^0\pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	9
355	Study of $B \rightarrow X(3872)K$ , with $X(3872) \rightarrow J/\psi\pi^0$ <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	75
354	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	23

353	Improved measurement of the CKM angle $\beta$ in $B^0 \rightarrow D^{(*)} K^{(*)}$ decays with a Dalitz plot analysis of $D$ decays to $KS^0$ and $KS^0 K^+ K^-$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	63
352	Study of $B^0 \rightarrow \rho^0 c$ and $B^0 \rightarrow \rho^+ c^-$ decays at BABAR. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	32
351	Study of the decay $D_{s^+} \rightarrow K^+ K^0 \pi^+$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
350	Improved measurement of CP observables in $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	10
349	Observation of $e^+ e^- \rightarrow \mu^+ \mu^-$ near $s=10.58$ GeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
348	Measurement of the $B \rightarrow X_s \gamma$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	55
347	Study of resonances in exclusive B decays to $D^{(*)} D^{(*)} K$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	100
346	Time-dependent and time-integrated angular analysis of $B \rightarrow \bar{K} S^0 \pi^0$ and $\bar{K}^* \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
345	Searches for the decays $B^0 \rightarrow \ell^+ \ell^-$ and $B^+ \rightarrow \ell^+ \ell^- e$ , using hadronic tag reconstruction. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	20
344	Measurements of branching fractions for $B^+ \rightarrow \pi^+ B^0 \rightarrow \pi^0$ and $B^0 \rightarrow \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
343	Search for $B^0 \rightarrow K^+ K^* \pi^-$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
342	Observation of $B^+ \rightarrow b_1^+ K^0$ and search for B-meson decays to $b_1^0 K^0$ and $b_1^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
341	Measurement of the $B \rightarrow \rho^0 \pi^0$ branching fraction and a search for a second-class current in the $B \rightarrow \rho(958) \pi$ decay. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	24
340	Search for the decays $B^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow \mu^+ \mu^-$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	4
339	Determination of the form factors for the decay $B^0 \rightarrow D^{*0} \pi^0$ and of the CKM matrix element $ V_{cb} $ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	43
338	Measurements of $e^+ e^- \rightarrow K^+ K^- K^+ K^-$ , and $KS^0 K^0 \pi^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	127
337	Measurement of the branching fraction, polarization, and CP asymmetries in $B^0 \rightarrow \rho^0 \pi^0$ decay, and implications for the CKM angle $\beta$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	24
336	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^* \pi^0$ and $D^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11

335	Study of B-meson decays to $\bar{B}K^*$ , $\bar{B}(2S)K^*$ , and $\bar{B}\bar{K}^*$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	19
334	Search for the highly suppressed decays $B\bar{B}\rightarrow K^+D$ and $B\bar{B}\rightarrow K\bar{K}D$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	12
333	Observation of $B^+\rightarrow\bar{D}^0\pi^+$ and search for $B^0$ decays to $\bar{D}^0\pi^0$ , $\bar{D}^0\pi^+$ , and $\bar{D}^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
332	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi^0$ , and into $\phi K^0$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 011801	7.4	55
331	Measurement of the decay $B^-\rightarrow D^{*0}e^-\nu_e$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 231803	7.4	15
330	Observation of the semileptonic decays $B\rightarrow D^*\tau\nu_\tau$ and evidence for $B\rightarrow D\tau\nu_\tau$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 021801	7.4	79
329	Study of excited charm-strange baryons with evidence for new baryons $\bar{\Lambda}(3055)^+$ and $\bar{\Lambda}(3123)^+$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	61
328	Measurements of partial branching fractions for $B\rightarrow X\nu_\mu$ and determination of $ V_{ub} $ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 171802	7.4	15
327	Measurement of the absolute branching fraction of $D^0\rightarrow K^-\pi^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 051802	7.4	8
326	Search for CP violation in the decays $D^0\rightarrow K^+K^-$ and $D^0\rightarrow\pi^+\pi^-$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 061803	7.4	60
325	Observation of $B^+\rightarrow a_1^+(1260)K^0$ and $B^0\rightarrow a_1^-(1260)K^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 051803	7.4	15
324	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B\rightarrow K\pi$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , <b>2008</b> , 100,	7.4	2
323	Measurement of the spin of the $\chi(1530)$ resonance. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	13
322	Measurement of ratios of branching fractions and CP-violating asymmetries of $B\bar{B}\rightarrow D^*K\bar{K}$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	7
321	Evidence for CP violation in $B^0\rightarrow J/\psi\pi^0$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 101, 021801	7.4	20
320	Measurement of the branching fractions of exclusive $B\rightarrow D^*(\pi)\nu_\ell$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2008</b> , 100, 151802	7.4	20
319	Evidence for direct CP violation from Dalitz-plot analysis of $B\bar{B}\rightarrow K\bar{K}\pi$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	58
318	Measurements of $B(B^0\rightarrow\bar{D}^0\rho^0)$ and $B(B\bar{B}\rightarrow\bar{D}^0\rho^0)$ and studies of $\bar{D}^0$ resonances. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	47

317	Observation and polarization measurements of $B^{\pm} \rightarrow \phi K^1_{\pm}$ and $B^{\pm} \rightarrow \phi K^2_{\pm}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 161801	7.4	21
316	Searches for B meson decays to $\phi\phi$ , $\phi\rho$ , $\phi f_0(980)$ , and $f_0(980)f_0(980)$ final states. <i>Physical Review Letters</i> , <b>2008</b> , 101, 201801	7.4	8
315	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 171803	7.4	15
314	Measurement of the CP asymmetry in $b \rightarrow s\gamma$ using a sum of exclusive final states. <i>Physical Review Letters</i> , <b>2008</b> , 101, 171804	7.4	9
313	Observation of $B_s \rightarrow K^* K^0$ and Search for $B_s \rightarrow K^* K^0$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 081801	7.4	21
312	Observation of $Y(3940) \rightarrow J/\psi\omega$ in $B \rightarrow J/\psi\omega K$ at BABAR. <i>Physical Review Letters</i> , <b>2008</b> , 101, 082001	7.4	111
311	Measurements of $B \rightarrow \{\pi, \eta, \eta'\} \nu_{\ell}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 081801	7.4	22
310	Measurement of the branching fractions of $B \rightarrow D^{**}(\ell) \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2008</b> , 101, 261802	7.4	28
309	Search for CPT and lorentz violation in $B_0$ - $\bar{B}_0$ oscillations with dilepton events. <i>Physical Review Letters</i> , <b>2008</b> , 100, 131802	7.4	45
308	Search for lepton flavor violating decays $\tau^{\pm} \rightarrow l^{\pm} \omega$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 071802	7.4	15
307	Study of B meson decays with excited $\eta$ and $\eta'$ mesons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 091801	7.4	6
306	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$ , $\eta K^*$ , and $\eta' K^*$ with an angular analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	33
305	Observation of $B^+ \rightarrow \eta K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
304	Study of $B_0 \rightarrow \eta\eta$ , $B^{\pm} \rightarrow \eta\eta$ , and $B^{\pm} \rightarrow K\eta$ decays, and isospin analysis of $B \rightarrow \eta$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
303	Study of the exclusive initial-state-radiation production of the $D\bar{D}^*$ system. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	73
302	Inclusive $\eta^+$ production in $e^+e^-$ annihilations at $s=10.54$ GeV and in $\eta(4S)$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	15
301	Measurement of the $B \rightarrow K\eta$ branching fraction. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
300	Search for prompt production of $\eta$ and $X(3872)$ in $e^+e^-$ annihilations. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	2



299	Search for the decay $B^+ \rightarrow K^0(892)K^+$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
298	Measurement of the relative branching fractions of $B^+ \rightarrow D/D^*/D^{**}\pi$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
297	Search for neutral B-meson decays to $a_0\pi a_0K$ , $\pi$ , and $\pi\pi$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
296	Measurement of CP asymmetry in $B^0 \rightarrow K_S^0\pi\pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	10
295	Search for $D^0D^0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
294	Search for the reactions $e^+e^- \rightarrow \mu\mu$ and $e^+e^- \rightarrow e^+\pi$ <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	8
293	Measurements of the branching fractions of $B^0 \rightarrow K^*0K+K\pi$ , $B^0 \rightarrow K^*0\pi K$ , $B^0 \rightarrow K^*0K+\pi$ and $B^0 \rightarrow K^*0\pi\pi$ <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
292	Search for $B^0 \rightarrow \eta(K+\pi)$ decays with large $K+\pi$ invariant mass. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	13
291	$e^+e^- \rightarrow K+K\pi$ , $K+K^0\pi$ and $K+K\bar{K}+K\pi$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	86
290	Measurement of the $B^+ \rightarrow \pi^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	11
289	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^*+D^*\pi$ <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
288	Measurement of CP asymmetries in $B^0 \rightarrow K_S^0K_S^0K_S^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	5
287	Branching fraction measurement of $B^0 \rightarrow D(*)+\pi$ and $B^+ \rightarrow D(*)0\pi$ and isospin analysis of $B^+ \rightarrow D(*)\pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
286	Improved measurements of the branching fractions for $B^0 \rightarrow \pi\pi$ and $B^0 \rightarrow K+\pi$ and a search for $B^0 \rightarrow K+K\pi$ <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	33
285	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
284	Study of inclusive $B^+$ and $B^0$ decays to flavor-tagged D, Ds, and $\bar{B}^+$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
283	Measurement of B decays to $\eta K$ <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
282	Study of $e^+e^- \rightarrow \pi^0, \pi\pi$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	81

281	The $e^+e^- \rightarrow 2(\pi^+\pi^-), 2(\pi^+\pi^-)K^+K^-$ and $K^+K^-$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	111
280	Precision measurements of the total and partial widths of the $\psi(2S)$ charmonium meson with a new complementary-scan technique in $p\bar{p}$ annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 654, 74-79	4.2	12
279	Study of $B_0 \rightarrow \pi^+\pi^-$ decays and constraints on the CKM angle $\beta$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	46
278	Amplitude analysis of the $B^+ \rightarrow \pi^+\pi^0$ decay. <i>Physical Review Letters</i> , <b>2007</b> , 99, 201802	7.4	24
277	Observation of the decay $B^+ \rightarrow K^+K^-\pi^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 221801	7.4	36
276	Improved limits on the lepton-flavor violating decays $\tau \rightarrow \ell^+\ell^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251803	7.4	36
275	Measurements of CP-violating asymmetries in the decay $B_0 \rightarrow K^+K^-K_0$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 161802	7.4	32
274	Evidence for charged B meson decays to $a_1^+(-1260)\pi^0$ and $a_1(0)(1260)\pi^\pm$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 261801	7.4	12
273	Measurement of CP-violating asymmetries in $B_0 \rightarrow \pi^+\pi^-$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
272	Measurements of $B^+$ branching fractions of Cabibbo-suppressed decay modes involving $\pi^0$ and $\eta$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
271	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow [K^+\pi^-]DK^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	4
270	Search for $B^+ \rightarrow \pi^+\pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	39
269	Observation of a Charmed Baryon Decaying to $D_s^+p$ at a Mass Near $2.94 \text{ GeV}/c^2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 012001	7.4	97
268	Evidence for the Rare Decay $B^+ \rightarrow D_s^+\pi^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98,	7.4	4
267	Measurement of the CP asymmetry and branching fraction of $B_0 \rightarrow \rho^0 K_0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051803	7.4	6
266	Improved measurement of CP violation in neutral B decays to $c\bar{c}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 171803	7.4	31
265	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 201801	7.4	12
264	Amplitude analysis of the decay $D_0 \rightarrow K^+\pi^-$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	24

263	Evidence of a broad structure at an invariant mass of 4.32 GeV/c <sup>2</sup> in the reaction e <sup>+</sup> e <sup>-</sup> → π <sup>+</sup> π <sup>-</sup> ψ(2S) measured at BABAR. <i>Physical Review Letters</i> , <b>2007</b> , 98, 212001	7.4	200
262	Observation of decays B <sup>0</sup> → D <sub>s</sub> (*) <sup>+</sup> π <sup>-</sup> and B <sup>0</sup> → D <sub>s</sub> (*) <sup>-</sup> K <sup>+</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 081801	7.4	9
261	Measurement of the Time-Dependent CP Asymmetry in B <sub>u</sub> → D <sub>CP</sub> h <sub>u</sub> Decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 081801	7.4	8
260	Observation of CP violation in B(0) → K(+)π(-) and B(0) → π(+)π(-). <i>Physical Review Letters</i> , <b>2007</b> , 99, 021603	7.4	54
259	Measurement of the pseudoscalar decay constant f <sub>D</sub> s using charm-tagged events in e <sup>+</sup> e <sup>-</sup> collisions at square root s=10.58 GeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 141801	7.4	39
258	Search for lepton flavor violating decays τ(±) → l(±)π0, l(±)η, l(±)η'. <i>Physical Review Letters</i> , <b>2007</b> , 98, 061803	7.4	33
257	Measurement of cos2β in B <sub>u</sub> → D <sub>CP</sub> h <sub>u</sub> decays with a time-dependent Dalitz plot analysis of D → K <sub>s</sub> π <sub>+</sub> π <sub>-</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 231802	7.4	17
256	Measurement of CP violation parameters with a Dalitz plot analysis of B <sub>u</sub> → D π <sub>+</sub> π <sub>-</sub> K <sub>s</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251801	7.4	31
255	Vector-tensor and vector-vector decay amplitude analysis of B <sup>0</sup> → φ K <sup>0</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051801	7.4	40
254	Measurement of branching fractions and mass spectra of B → K π γ. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211804	7.4	7
253	Evidence for D <sup>0</sup> -D <sup>0</sup> mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211802	7.4	186
252	Production and decay of Ω <sub>c</sub> <sup>0</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 062001	7.4	21
251	Measurement of the B <sup>0</sup> → π(-)l(+ν) form-factor shape and branching fraction, and determination of  V <sub>ub</sub>   with a loose neutrino reconstruction technique. <i>Physical Review Letters</i> , <b>2007</b> , 98, 091801	7.4	52
250	Evidence for B(0) → ρ(0)ρ(0) decays and implications for the Cabibbo-Kobayashi-Maskawa angle α. <i>Physical Review Letters</i> , <b>2007</b> , 98, 111801	7.4	11
249	Observation of B → η' K <sup>*</sup> and evidence for B <sup>+</sup> → η' ρ <sup>+</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051802	7.4	7
248	Branching fraction measurements of B <sup>+</sup> → ρ <sup>+</sup> γ, B <sup>0</sup> → ρ <sup>0</sup> γ, and B <sup>0</sup> → ω γ. <i>Physical Review Letters</i> , <b>2007</b> , 98, 151802	7.4	22
247	Measurement of CP-violating asymmetries in B <sup>0</sup> → D <sup>*</sup> (±)D(∓). <i>Physical Review Letters</i> , <b>2007</b> , 99, 071801	7.4	19
246	Measurements of CP-violating asymmetries in B <sup>0</sup> → a <sub>1</sub> (±)(1260)π(∓) decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 181803	7.4	25

245	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031801	7.4	21
244	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 241803	7.4	15
243	Evidence for the $B^0 \rightarrow \rho^+ K^{*0}$ and $B^+ \rightarrow \rho^+ K^{*+}$ decays and study of the decay dynamics of B meson decays into $\rho \pi$ final states. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
242	Measurement of the hadronic form factor in $D^0 \rightarrow K \bar{B}$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
241	Protein-tyrosine phosphatase H1 controls growth hormone receptor signaling and systemic growth. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 35405-15	5.4	35
240	Measurement of branching fractions and resonance contributions for $B^0 \rightarrow D^0 K + \pi^-$ and search for $B^0 \rightarrow D^0 K + \pi^-$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 011803	7.4	13
239	Observation of $e^+e^-$ annihilation into the $C = +1$ hadronic final states $\rho(0)\rho(0)$ and $\phi\rho(0)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 112002	7.4	8
238	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 171805	7.4	52
237	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	40
236	Measurements of the absolute branching fractions of $B^+ \rightarrow K^+ X(cc)$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 052002	7.4	60
235	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a $K^*$ meson. <i>Physical Review Letters</i> , <b>2006</b> , 97, 201802	7.4	18
234	Measurements of neutral B decay branching fractions to $KS^0 \pi$ final states and the charge asymmetry of $B^0 \rightarrow K^* \pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	26
233	Measurement of the $B^0$ lifetime and the $B^0 B^0$ oscillation frequency using partially reconstructed $B^0 \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	14
232	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 97, 201801	7.4	41
231	Observation of Upsilon(4S) decays to $\pi^+ \pi^-$ Upsilon(1S) and $\pi^+ \pi^-$ Upsilon(2S). <i>Physical Review Letters</i> , <b>2006</b> , 96, 232001	7.4	39
230	Study of $e^+e^- \rightarrow \rho \pi$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	180
229	Measurement of the $B \rightarrow \pi l \nu$ branching fraction and determination of absolute value of $V_{ub}$ with tagged B mesons. <i>Physical Review Letters</i> , <b>2006</b> , 97, 211801	7.4	36
228	Observation of an excited charm baryon $\Omega_c^*$ decaying to $\Omega_c \gamma$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 232001	7.4	86

227	Observation of $B(+)\rightarrow\text{phipi}K(+)$ and evidence for $B(0)\rightarrow\text{phipi}K(0)$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , <b>2006</b> , 97, 261803	7.4	4
226	Search for $D^0$ - $D^0$ mixing and branching-ratio measurement in the decay $D^0\rightarrow K^+\pi^-\pi^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 221803	7.4	17
225	Search for lepton flavor violation in the decay $\tau_{+/-}\rightarrow e_{+/-}\gamma$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 041801	7.4	91
224	Measurements of branching fraction, polarization, and charge asymmetry of $B(+/-)\rightarrow\rho(+/-)\rho(0)$ and a search for $B(+/-)\rightarrow\rho(+/-)f(0)(980)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 261801	7.4	23
223	Dalitz plot analysis of the decay $B_{\Xi}\rightarrow K_{\Xi}K_{\Xi}^*$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	52
222	Measurement of the $\bar{1}$ and $\bar{2}$ transition form factors at $q^2=112\text{ GeV}^2$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	59
221	Measurement of the absolute branching fractions $B\rightarrow D^0D^{*0}$ with a missing mass method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
220	Observation of a new $D_s$ meson decaying to $DK$ at a mass of $2.86\text{ GeV}/c^2$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 222001	7.4	117
219	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , <b>2006</b> , 96, 221801	7.4	20
218	Search for the rare decay $B^0\rightarrow\tau^+\tau^-$ at BABAR. <i>Physical Review Letters</i> , <b>2006</b> , 96, 241802	7.4	27
217	Observation of $B^0$ meson decay to a $1^+(1260)\pi^+$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 051802	7.4	39
216	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)}D^{\prime(*)}$ , and implications for the Cabibbo-Kobayashi-Maskawa angle $\beta$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	20
215	Study of the decay $B^0\rightarrow D^{*+}\pi^-$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
214	Search for the decay $B^0\rightarrow KS^0KS^0KL^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
213	Measurement of the $D^+\rightarrow\pi^0\pi^+$ and $D^+\rightarrow K^0\pi^+$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
212	Measurement of the $B_{\Xi}\rightarrow D^0K^*\pi^+$ branching fraction. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	6
211	Precise branching ratio measurements of the decays $D^0\rightarrow\pi^0\pi^0$ and $D^0\rightarrow K_S^0\pi^0$ relative to the $D^0\rightarrow K_S^0\pi^0$ decay. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
210	Branching fraction measurements of charged B decays to $K^*+K+K^0$ , $K^*+K^0$ , $K^*+K^+$ and $K^*+\pi^0$ final states. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10

209	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2006</b> , 33, 1-1232	2.9	3486
208	Searches for $B_0$ decays to $\bar{K}_S^0$ , $\pi^+\pi^0$ , $\eta$ , and $\eta'$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
207	Study of the $X(3872)$ and $Y(4260)$ in $B_0 \rightarrow J/\psi \bar{K}_S^0$ and $B \rightarrow J/\psi \bar{K}^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	76
206	The $e^+e^- \rightarrow 3(\pi^0) 2(\pi^0)$ and $K+K^0(\pi^0)$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	107
205	Measurements of the branching fraction and time-dependent CP asymmetries of $B_0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
204	Search for rare quark-annihilation decays, $B \rightarrow D_s^*(*) \eta$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	7
203	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $cc$ production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	35
202	Search for the rare decays $B_0 \rightarrow D_s^*(*) + a_0(2)$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	5
201	Search for the decay of a $B_0$ or $B^0$ meson to $K^* \bar{K}^0$ or $K^* \bar{K}^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
200	Measurements of CP-violating asymmetries and branching fractions in B decays to $\bar{K}$ and $\pi$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
199	Branching fraction limits for $B_0$ decays to $\eta \pi^0$ and $\eta$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
198	Measurement of $B^0 \rightarrow D^*(*) \bar{K}^0$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	15
197	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^0)$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
196	Measurement of branching fractions in radiative B decays to $\bar{K}^0$ and search for B decays to $\eta K^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
195	Search for doubly charmed baryons $\bar{c}c^+$ and $\bar{c}c^{++}$ in BABAR. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	116
194	Search for $B^+ \rightarrow \eta \pi^+$ and $B^0 \rightarrow \eta \pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
193	Measurements of the decays $B_0 \rightarrow D^0 p \bar{p}$ , $B_0 \rightarrow D^0 p \bar{p}$ , $B_0 \rightarrow D^0 p \bar{p}$ , and $B_0 \rightarrow D^* p \bar{p}$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	27
192	Study of $B \rightarrow D^*(*) D_s(J)^*$ decays and measurement of $D_s$ and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	29

191	Search for the decay $B^+ \rightarrow \mu^+ \pi^0$ <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
190	Observation of the exclusive reaction $e^+e^- \rightarrow \tau^+\tau^-$ at $s=10.58$ GeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
189	Search for B meson decays to $\pi^0 K$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
188	Search for $B^+ \rightarrow X(3872)K^+$ , $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	106
187	Search for the decay $B^0 \rightarrow a_1 \pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
186	Measurement of CP observables for the decays $B^{\pm} \rightarrow DCP^0 K^{\pm}$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
185	Search for the decay $B^0 \rightarrow 3\pi^0$ <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	4
184	B meson decays to $K^*$ , $\rho^0$ , and $\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
183	Search for the rare decay $B^0 \rightarrow D^* \pi^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	1
182	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K^0$ A measurement of $\cos 2\phi$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	72
181	Amplitude analysis of the decay $B^{\pm} \rightarrow \pi^{\pm} \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	30
180	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	18
179	Search for the radiative decay $B^0 \rightarrow \gamma \pi^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	6
178	Measurements of B meson decays to $K^*$ and $\pi$ <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	5
177	Study of $B \rightarrow \pi$ and $B \rightarrow \eta$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	27
176	Measurement of the $B^0 \rightarrow D^* \pi^0$ decay rate and $ V_{cb} $ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	12
175	Study of $p\bar{p} \rightarrow$ two neutral pseudoscalar mesons at the $\pi^0(13P0)$ formation energy. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
174	$e^+e^- \rightarrow \mu^+\mu^- K^+ K^-$ and $K^+ K^0 + K^- \bar{K}^0$ cross sections at center-of-mass energies $0.5 \leq \sqrt{s} \leq 5$ GeV measured with initial-state radiation. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	109

173	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	22
172	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	7
171	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X K$ , $X \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	71
170	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow K_S^0 \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	19
169	Study of the $B \rightarrow 3h \pi^+ \pi^-$ decay. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	13
168	Measurement of CP asymmetries in $B^0 \rightarrow \eta' K^0$ and $B^0 \rightarrow K^+ K^- K_S^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	36
167	Results of a search for the $hc(P11)$ state of charmonium in the $\psi'$ and $J/\psi$ decay modes. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	58
166	Search for the decay $B \rightarrow 4\pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	9
165	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D^0 K^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
164	Study of b-c interference in the decay $B \rightarrow [K^+ \pi^-] K^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	8
163	Study of the $B \rightarrow J/\psi \pi^0$ decay and measurement of the $B \rightarrow X(3872) K^0$ branching fraction. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	333
162	Measurement of the $B^0 \rightarrow D^+ D_s^{*-}$ and $D_s^{*-} \rightarrow \pi^0$ branching fractions. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	25
161	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	16
160	Measurement of the ratio $B(B \rightarrow D^* K^0) / B(B \rightarrow D^0 \pi^0)$ and of the CP asymmetry of $B \rightarrow D^0 K^+ K^-$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	13
159	Measurement of the resonance parameters of the (13P1) and (13P2) states of charmonium formed in antiproton-proton annihilations. <i>Nuclear Physics B</i> , <b>2005</b> , 717, 34-47	2.8	14
158	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	8
157	Measurement of the angular distribution in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 610, 177-182	4.2	14
156	E835 at FNAL: Charmonium Spectroscopy in Annihilations. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2005</b> , 142, 98-103		4



155	Search for the rare leptonic decay $B \rightarrow \tau \nu$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 041804	7.4	14
154	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 111801	7.4	20
153	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B_0 B_0$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 042001	7.4	12
152	Measurements of the branching fraction and CP-violation asymmetries in $B_0 \rightarrow f_0(980) K_0 S$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 041802	7.4	20
151	Limit on the $B_0 \rightarrow \rho^0 \rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 131801	7.4	20
150	Branching fraction and CP asymmetries of $B_0 \rightarrow K_0(S) K_0(S) K_0(S)$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 011801	7.4	12
149	Improved measurement of CP asymmetries in $B_0 \rightarrow (cc)K(0^*)$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 161803	7.4	92
148	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \eta$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	23
147	Observation of a broad structure in the $\pi^+ \pi^- J/\psi$ mass spectrum around 4.26 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2005</b> , 95, 142001	7.4	526
146	Measurement of time-dependent CP asymmetries in $B_0 \rightarrow D^{(*)} \eta$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 131802	7.4	7
145	Search for radiative penguin decays $B(+) \rightarrow \rho(+) \gamma$ , $B(0) \rightarrow \rho(0) \gamma$ , and $B(0) \rightarrow \omega \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 011801	7.4	11
144	Production and decay of $\chi(c)(0)$ at BABAR. <i>Physical Review Letters</i> , <b>2005</b> , 95, 142003	7.4	9
143	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , <b>2005</b> , 94, 141801	7.4	26
142	Improved measurements of CP-violating asymmetry amplitudes in $B_0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 151803	7.4	26
141	Measurement of branching fractions and charge asymmetries in $B^+$ decays to $\eta \pi^+$ , $\eta K^+$ , $\eta \rho^+$ , and $\eta' \pi^+$ , and search for $B_0$ decays to $\eta K^0$ and $\eta \omega$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 131803	7.4	16
140	Measurements of branching fractions and time-dependent CP-violating asymmetries in $B \rightarrow \eta' K$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 191802	7.4	36
139	Search for lepton flavor violation in the decay $\tau \rightarrow \mu \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 041802	7.4	121
138	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle $\alpha$ using $B_0(B) \rightarrow \rho^+ \rho^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 041805	7.4	31

137	Evidence for $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$ , and measurement of the branching fraction and search for direct CP violation in $B^+ \rightarrow K^0 \pi^+$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 221801	7.4	8
136	Measurement of the branching ratios $B \rightarrow e^+ e^- J/\psi$ and $B \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	3
135	Search for factorization-suppressed $B \rightarrow \chi(c) K^*$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 171801	7.4	11
134	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. <i>Physical Review Letters</i> , <b>2005</b> , 94, 181802	7.4	36
133	Search for decays of $B^0 \rightarrow e^+ e^-$ , $B^0 \rightarrow \mu^+ \mu^-$ , $B^0 \rightarrow e^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 221803	7.4	12
132	Search for the decay $B^+ \rightarrow K^+ \nu \nu$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 101801	7.4	34
131	Search for strange-pentaquark production in $e^+ e^-$ annihilation at $\sqrt{s} = 10.58$ GeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 042002	7.4	27
130	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0 \bar{B}^0$ oscillations. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	36
129	Bound on the ratio of decay amplitudes for $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi \bar{K}^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 081801	7.4	4
128	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	34
127	Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of $ V_{ub} $ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 071802	7.4	35
126	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} \pi^+ \pi^-$ decays and constraints on $\sin(2\beta + \gamma)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 251801	7.4	12
125	Study of the decay $B^0(B^-) \rightarrow \rho^+ \rho^-$ , and constraints on the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 231801	7.4	35
124	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^* \gamma (K^* \rightarrow K(0) \pi^0)$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 201801	7.4	13
123	Measurement of branching fractions of color-suppressed decays of the $B^0$ meson to $D^{(*)} \pi^0$ , $D^{(*)} \pi^+ \pi^-$ and $D^0 \pi^0$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	20
122	Measurement of the branching fraction for $B^0 \rightarrow \pi^0 K^0$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	11
121	Measurements of CP-violating asymmetries in $B^0 \rightarrow K(0)(s) \pi^0$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 131805	7.4	18
120	Search for $B^0$ decays to invisible final states and to $\nu \nu$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 091802	7.4	10

119	Observation of $B_0 \rightarrow \omega K_0$ , $B^{+-} \rightarrow \eta \pi^+$ , and $B^{+-} \rightarrow \eta K^+$ and study of related decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 061801	7.4	18
118	Observation of a narrow meson decaying to $D_s + \pi$ at a mass of $2.458 \text{ GeV}/c^2$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	71
117	Measurement of the $B^+/B_0$ production ratio from the $\Upsilon(4S)$ meson using $B^{+-} \rightarrow J/\psi K^+$ and $B_0 \rightarrow J/\psi K_0^0$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	31
116	Searches for $B_0$ decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , <b>2004</b> , 93, 181806	7.4	11
115	Branching fractions and CP asymmetries in $B_0 \rightarrow K^+ K^- K_0^0$ and $B^{+-} \rightarrow K^+ K_0^0 K_0^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 181805	7.4	15
114	Measurement of branching fractions and charge asymmetries in $B^{+/-} \rightarrow \rho^+/- \pi^0$ and $B^{+/-} \rightarrow \rho^0 \pi^+/-$ decays, and search for $B_0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 051802	7.4	24
113	Measurement of the direct CP asymmetry in $b \rightarrow s \gamma$ Decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 021804	7.4	25
112	Observation of the decay $B_0 \rightarrow \eta$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	26
111	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	47
110	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , <b>2004</b> , 92, 181801	7.4	30
109	Search for the rare leptonic decay $B^{+-} \rightarrow \mu^+ \nu(\mu)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 221803	7.4	5
108	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 041801	7.4	50
107	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B_0 \rightarrow \omega \gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 111801	7.4	7
106	Measurement of the average $\Gamma$ multiplicity in B meson decay. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	1
105	Determination of the Branching Fraction for $B \rightarrow X_c D$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , <b>2004</b> , 93,	7.4	57
104	Measurements of branching fractions in $B \rightarrow \eta$ and $B \rightarrow \eta'$ and search for direct CP violation in $B \rightarrow \eta'$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	17
103	Measurement of the branching fractions for inclusive $B \rightarrow D$ and $B \rightarrow \bar{D}$ decays to flavor-tagged D, Ds, and $\bar{D}$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
102	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D_0 \rightarrow l^+ l^-$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 191801	7.4	14

101	Study of $B \rightarrow D^{(*)} J/\psi + D^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 181801	7.4	48
100	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 201802	7.4	12
99	Search for $D^0 D^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	20
98	Branching fraction measurements of $B \rightarrow \bar{K} K$ decays. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
97	Search for $B^{+/-} \rightarrow [K^{(-/+)} \pi^{(+/-)}] (D) K^{+/-}$ and upper limit on the $b \rightarrow u$ amplitude in $B^{+/-} \rightarrow DK^{+/-}$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 131804	7.4	5
96	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^* 0 K^*$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 141801	7.4	8
95	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , <b>2004</b> , 93, 071801	7.4	17
94	Measurement of $\sin^2 \beta$ with hadronic and previously unused muonic $J/\psi$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	2
93	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*-} + \pi^{+/-}$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 251802	7.4	12
92	Measurements of the branching fractions of charged B decays to $K \pi \pi$ final states. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	23
91	Measurement of the $B^0 \rightarrow K_2^*(1430) 0$ and $B^+ \rightarrow K_2^*(1430)^+ \pi$ branching fractions. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	24
90	Measurement of the branching fraction for $B \rightarrow D^0 K^*$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	3
89	Search for the decay $B^0 \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
88	$J/\psi$ production via initial state radiation in $e^+ e^- \rightarrow \mu^+ \mu^-$ at an $e^+ e^-$ center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	44
87	Measurement of the branching fractions and CP asymmetry of $B \rightarrow D(0) ((CP)) K^-$ decays with the BABAR detector. <i>Physical Review Letters</i> , <b>2004</b> , 92, 202002	7.4	10
86	Search for the decay $B^0 \rightarrow p \bar{p}$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	24
85	Measurements of the mass and width of the $\eta(c)$ meson and of an $\eta(c)(2S)$ candidate. <i>Physical Review Letters</i> , <b>2004</b> , 92, 142002	7.4	76
84	Experiment E835 at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 519, 558-609	1.2	23

83	Measurement of the two photon decay of the $\psi(13P0)$ state of $\Upsilon$ charmonium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 584, 16-21	4.2	7
82	Review of Particle Physics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 592, 1-5	4.2	3560
81	B meson decays to $(P)K^*$ , $(P)\rho(P)\rho$ , $\rho$ , and $\rho$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	56
80	Performances of RPCs in the BaBar experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 515, 322-327 <sup>1,2</sup>		13
79	Measurements of the magnetic form factor of the proton for timelike momentum transfers. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 559, 20-25	4.2	59
78	Measurement of the resonance parameters of the charmonium ground state, $\psi(11S0)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 566, 45-50	4.2	12
77	Measurement of the $B_0 \rightarrow J/\psi \pi^+ \pi^-$ branching fraction. <i>Physical Review Letters</i> , <b>2003</b> , 90, 091801	7.4	11
76	Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta' K$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 161801	7.4	33
75	Study of time-dependent CP asymmetry in neutral B decays to $J/\psi \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 061802	7.4	9
74	Observation of a narrow meson state decaying to $D^{(*)} \pi^0$ at a mass of 2.32 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2003</b> , 90, 242001	7.4	509
73	Observation of a significant excess of $\pi^0 \pi^0$ events in B meson decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 241801	7.4	34
72	Measurement of $B_0 \rightarrow D_s^{(*)} D^{(*)}$ branching fractions and $B_0 \rightarrow D_s^{(*)} D^{(*)}$ polarization with a partial reconstruction technique. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	14
71	Interference study of the $\chi_{c0}(13P0)$ in the reaction $\bar{p} p \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 091801	7.4	11
70	Measurement of the branching fractions for the exclusive decays of $B_0$ and $B^+$ to $D^{(*)} D^{(*)} K$ . <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	21
69	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	24
68	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-} D^{-/+}$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 221801	7.4	15
67	Simultaneous measurement of the $B_0$ meson lifetime and mixing frequency with $B_0 \rightarrow D^{*+} \rho^-$ decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	10
66	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 171802	7.4	117

65	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element $V_{ub}$ with $B \rightarrow \rho e \nu$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 90, 181801	7.4	22
64	Rare B decays into states containing a $J/\psi$ meson and a meson with $s(-)s$ quark content. <i>Physical Review Letters</i> , <b>2003</b> , 91, 071801	7.4	17
63	Study of the rare decays $B_0 \rightarrow D^{(*)+}(s)\pi^-$ and $B_0 \rightarrow D^{(*)-}(s)K^+$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 181803	7.4	23
62	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	59
61	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^{(*)+}D^{*-}$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 131801	7.4	13
60	Observation of the decay $B_{+/-} \rightarrow \pi^+/\pi^0$ , study of $B_{+/-} \rightarrow K^+/\pi^0$ , and search for $B_0 \rightarrow \pi^0\pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 021801	7.4	26
59	Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 051801	7.4	19
58	Evidence for $B_{+/-} \rightarrow J/\psi \pi^{\pm} \Lambda$ ; and search for $B_0 \rightarrow J/\psi \pi^{\pm} p$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 231801	7.4	13
57	The RPC-based IFR system at BaBar experiment: preliminary results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 477, 435-439	1.2	5
56	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 479, 1-116	1.2	1077
55	New measurements of the resonance parameters of the $\chi_{c0}(13P0)$ state of charmonium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 533, 237-242	4.2	28
54	Measurement of $D_s^+$ and $D_s^{*+}$ production in B meson decays and from continuum $e^+e^-$ annihilation at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	13
53	Measurement of $B_0$ - $B_0$ flavor oscillations in hadronic $B_0$ decays. <i>Physical Review Letters</i> , <b>2002</b> , 88, 221802	7.4	24
52	Search for T and CP violation in $B_0$ - $B_0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2002</b> , 88, 231801	7.4	20
51	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	16
50	Study of CP-violating asymmetries in $B_0 \rightarrow \eta' K^{\pm}$ decays. <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	10
49	Measurement of the branching fraction and CP content for the decay $B_0 \rightarrow D^{(*)+}D^{*-}$ . <i>Physical Review Letters</i> , <b>2002</b> , 89, 061801	7.4	7
48	Search for the rare decays $B \rightarrow K l^{+} l^{-}$ and $B \rightarrow K^{*} l^{+} l^{-}$ . <i>Physical Review Letters</i> , <b>2002</b> , 88, 241801	7.4	23

47	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with $B^0$ mesons. <i>Physical Review Letters</i> , <b>2002</b> , 89, 201802	7.4	228
46	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the $\Upsilon(4S)$ . <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	129
45	Study of $B^{\pm} \rightarrow J/\psi$ and $B^{\pm} \rightarrow J/\psi K^{\pm}$ decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries. <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	5
44	Study of the angular distributions of the reactions $p\bar{p} \rightarrow \psi(1,2) \rightarrow J/\psi e^+e^-$ <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	35
43	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	51
42	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , <b>2002</b> , 88, 101805	7.4	37
41	Measurement of the $B(0)$ lifetime with partially reconstructed $B(0) \rightarrow D^{(*)} l^{(*)} \nu(l)$ decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 011802	7.4	10
40	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ , $K^+ \pi^-$ , $K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 281802	7.4	119
39	Measurement of the $B^0$ - $B^0$ oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2002</b> , 88, 221803	7.4	19
38	Review of Particle Properties. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	2767
37	Measurement of $J/\psi$ production in continuum $e^+e^-$ annihilations near square root of $s = 10.6$ GeV. <i>Physical Review Letters</i> , <b>2001</b> , 87, 162002	7.4	50
36	Measurement of CP-violating asymmetries in $B^0$ decays to CP eigenstates. <i>Physical Review Letters</i> , <b>2001</b> , 86, 2515-22	7.4	100
35	On the Particle Data Group evaluation of $\bar{B}$ and $B$ branching ratios. <i>Physical Review D</i> , <b>2001</b> , 64,	4.9	12
34	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , <b>2001</b> , 87, 241801	7.4	46
33	Search for the $\psi(2150)$ charmonium resonance. <i>Physical Review D</i> , <b>2001</b> , 64,	4.9	15
32	Measurement of the $B(0)$ and $B(+)$ meson lifetimes with fully reconstructed hadronic final states. <i>Physical Review Letters</i> , <b>2001</b> , 87, 201803	7.4	15
31	Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body B decays into pions and kaons. <i>Physical Review Letters</i> , <b>2001</b> , 87, 151802	7.4	46
30	Measurement of the branching fractions for $\Upsilon(2S) \rightarrow e^+e^-$ and $\Upsilon(2S) \rightarrow \mu^+\mu^-$ <i>Physical Review D</i> , <b>2001</b> , 65,	4.9	5

29	Observation of CP violation in the B(0) meson system. <i>Physical Review Letters</i> , <b>2001</b> , 87, 091801	7.4	373
28	Search for the decay $B_0 \rightarrow \gamma\gamma$ . <i>Physical Review Letters</i> , <b>2001</b> , 87, 241803	7.4	8
27	Measurements of the branching fractions of exclusive charmless B meson decays with $\eta$ or $\omega$ mesons. <i>Physical Review Letters</i> , <b>2001</b> , 87, 221802	7.4	39
26	Study of the $\chi$ decays of the $\chi_{c2}(13P2)$ and $\chi_{c0}(13P0)$ charmonium resonances. <i>Physical Review D</i> , <b>2000</b> , 62,	4.9	28
25	Measurement of the branching ratios $\chi \rightarrow e^+e^- \chi \rightarrow J/\psi$ and $\chi \rightarrow J/\psi$ <i>Physical Review D</i> , <b>2000</b> , 62,	4.9	10
24	Study of the $\chi_{c0}(1P03)$ State of Charmonium Formed in $p\bar{p}$ Annihilations. <i>Physical Review Letters</i> , <b>1999</b> , 83, 2902-2905	7.4	16
23	Measurements of the magnetic form factor of the proton in the timelike region at large momentum transfer. <i>Physical Review D</i> , <b>1999</b> , 60,	4.9	87
22	The Nearest-Neighbor Technique for particle identification. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 405, 133-138	1.2	4
21	The muon and neutral hadron detector for BaBar. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 409, 542-546 <sup>1.2</sup>		6
20	Measurement of the branching ratios $\chi \rightarrow e^+e^- \chi \rightarrow J/\psi$ and $\chi \rightarrow J/\psi$ <i>Physical Review D</i> , <b>1997</b> , 55, 1153-1158	4.9	18
19	Two-body neutral final states produced in antiproton-proton annihilations at 2.911. <i>Physical Review D</i> , <b>1997</b> , 56, 2509-2531	4.9	16
18	A Silicon Pad Detector for E-835 experiment at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1997</b> , 391, 443-451	1.2	3
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16	Observation of the radiative decay $J/\psi \rightarrow e^+e^- \gamma$ . <i>Physical Review D</i> , <b>1996</b> , 54, 7067-7070	4.9	9
15	Study of the $\eta_c(1^1S_0)$ state of charmonium formed in $p\bar{p}$ annihilations and a search for the $\eta_c'(2^1S_0)$ . <i>Physical Review D</i> , <b>1995</b> , 52, 4839-4854	4.9	30
14	Study of the angular distribution of the reaction $p\bar{p} \rightarrow \chi_{c2} \rightarrow J/\psi \gamma \rightarrow e^+e^- \gamma$ . <i>Physical Review D</i> , <b>1993</b> , 48, 3037-3044	4.9	29
13	Proton electromagnetic form factors in the timelike region from 8.9 to 13.0 GeV <sup>2</sup> . <i>Physical Review Letters</i> , <b>1993</b> , 70, 1212-1215	7.4	106
12	Measurement of the $\gamma\gamma$ partial width of the $\chi_{c2}$ charmonium resonance. <i>Physical Review Letters</i> , <b>1993</b> , 70, 2988-2991	7.4	32



11	Measurement of the $J/\psi$ and $\psi'$ resonance parameters in $p\text{-}\bar{p}$ annihilation. <i>Physical Review D</i> , <b>1993</b> , 47, 772-783	4.9	55
10	Evidence for $\chi$ resonances in antiproton-proton annihilations at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 394-398	4.2	48
9	Production of the $\chi(1520)$ resonance in antiproton-proton annihilations at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 399-402	4.2	18
8	Charmonium formation in $pp$ annihilation by experiment E760. <i>Nuclear Physics A</i> , <b>1993</b> , 558, 259-267	1.3	
7	Observation of the $1P1$ state of charmonium. <i>Physical Review Letters</i> , <b>1992</b> , 69, 2337-2340	7.4	128
6	Precision measurements of charmonium states formed in $pp\text{-}\bar{p}$ annihilation. <i>Physical Review Letters</i> , <b>1992</b> , 68, 1468-1471	7.4	31
5	Study of the $\chi_1$ and $\chi_2$ charmonium states formed in $p$ annihilations. <i>Nuclear Physics B</i> , <b>1992</b> , 373, 35-54	2.8	66
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3	Charm hadron properties in 400 GeV/cpp interactions. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 40, 321-346		66
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1	Inclusive $D$ -meson branching ratios. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1987</b> , 36, 551-558		4