

Marcello Rotondo

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

1,033
papers

33,253
citations

81
h-index

138
g-index

1,080
ext. papers

39,115
ext. citations

5.6
avg. IF

6.27
L-index

#	Paper	IF	Citations
1033	Measurement of prompt charged-particle production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	2
1032	Measurement of the $B_s^0 \rightarrow \mu^+ \mu^-$ decay properties and search for the $B^0 \rightarrow \mu^+ \mu^-$ and $B_s^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2022 , 105,	4.9	1
1031	Search for the radiative $\chi_{b1} \rightarrow \gamma$ decay. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1030	Precise determination of the B_{mix}^0 oscillation frequency. <i>Nature Physics</i> , 2022 , 18, 1-5	16.2	0
1029	Measurement of the W boson mass. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1028	Analysis of Neutral B-Meson Decays into Two Muons.. <i>Physical Review Letters</i> , 2022 , 128, 041801	7.4	2
1027	Measurement of $\bar{\Lambda}(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1026	Search for Darkonium in e^+e^- Collisions.. <i>Physical Review Letters</i> , 2022 , 128, 021802	7.4	0
1025	Muon detection in electron-positron annihilation for muon collider studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022 , 1024, 166129	1.2	0
1024	Search for Lepton Flavor Violation in $\tau(3S) \rightarrow e^+ \mu^- \gamma$.. <i>Physical Review Letters</i> , 2022 , 128, 091804	7.4	0
1023	Search for an Axionlike Particle in B Meson Decays.. <i>Physical Review Letters</i> , 2022 , 128, 131802	7.4	0
1022	Angular analysis of the rare decay $(B_s^0 \rightarrow \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
1021	First measurement of the (CIP)-violating phase in $(B^0 \rightarrow J/\psi) (e^+ e^-) (\phi)$ decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
1020	Measurement of J/ψ production cross-sections in pp collisions at $(\sqrt{s}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
1019	Branching Fraction Measurements of the Rare $B_{\text{mix}}^0 \rightarrow \mu^+ \mu^-$ and $B_{\text{mix}}^0 \rightarrow f_2(1525) \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 151801	7.4	5
1018	Observation of a $(\lambda_b^0) (\overline{\lambda}_b^0)$ production asymmetry in proton-proton collisions at $(\sqrt{s}) = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
1017	Light meson spectroscopy from Dalitz plot analyses of B decays to $K^+ K^0$ and K^0 produced in two-photon interactions. <i>Physical Review D</i> , 2021 , 104,	4.9	1

1016	Observation of a New Excited $D_{s^*}^+$ Meson in $B^0 \rightarrow D^+ D^+ K^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2021 , 126, 122002	7.4	3
1015	Observation of Multiplicity Dependent Prompt $\chi_{c1}(3872)$ and χ_{c2} Production in pp Collisions. <i>Physical Review Letters</i> , 2021 , 126, 092001	7.4	4
1014	Measurement of the CKM angle $\Delta\arg(\overline{B}_s^0 \rightarrow D_s^{\pm} h^{\pm} \pi^{\pm} \pi^{\mp})$ mixing frequency with $(\overline{B}_s^0 \rightarrow D_s^{\pm} h^{\pm} \pi^{\pm} \pi^{\mp})$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
1013	Observation of the $(\overline{B}_s^0 \rightarrow D^* \pi^0)$ decay. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
1012	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm} \nu)$, $(\nu \rightarrow \mu^{\pm} \nu)$ decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
1011	Averages of b-hadron, c-hadron, and (τ) -lepton properties as of 2018. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	68
1010	Measurement of CP Violation in the Decay $B^+ \rightarrow K^+ \pi^0$. <i>Physical Review Letters</i> , 2021 , 126, 091802	7.4	1
1009	Observation of CP violation in two-body (\overline{B}_s^0) -meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
1008	Measurement of CP observables in $B_{\pi}^0 \rightarrow D^{(*)} K_{\pi}$ and $B_{\pi}^0 \rightarrow D^{(*)} \pi$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
1007	Search for the rare decay $B^0 \rightarrow J/\psi^* \pi^0$. <i>Chinese Physics C</i> , 2021 , 45, 043001	2.2	1
1006	Measurement of the branching fraction of the $(\overline{B}^0 \rightarrow D^+ \pi^-)$ decay. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
1005	Angular Analysis of the $B^+ \rightarrow K^+ \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2021 , 126, 161802	7.4	14
1004	Observation of the $B^0 \rightarrow \pi^+ K^+ K^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 815, 136172	4.2	0
1003	Observation of the decay $(\Lambda_{\text{charm}}^0) \rightarrow \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
1002	Angular analysis of $(\overline{B}^0 \rightarrow D^{\text{ast} -} D_s^{\text{ast} +})$ with $(D_s^{\text{ast} +} \rightarrow D_s^+ \gamma)$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	
1001	Search for CP violation in $(D_{(s)}^+ \rightarrow h^+ \pi^0)$ and $(D_{(s)}^+ \rightarrow h^+ \eta)$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
1000	Evidence of a J/ψ structure and observation of excited π states in the $B \rightarrow J/\psi \pi$ decay. <i>Science Bulletin</i> , 2021 , 66, 1278-1287	10.6	19
999	Observation of a new B^0 state. <i>Physical Review D</i> , 2021 , 103,	4.9	4

998	Study of $(\mathrm{B}_{\mathrm{s}}^0 \rightarrow \mathrm{J}/\psi + \mathrm{K}^0)$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
997	First Observation of the Decay $\mathrm{B}_{\mathrm{s}}^0 \rightarrow \mathrm{K}^+ \pi^0 \pi^0$ and a Measurement of $ V_{\mathrm{ub}} / V_{\mathrm{cb}} $. <i>Physical Review Letters</i> , 2021 , 126, 081804	7.4	7
996	Measurement of differential $(\overline{\mathrm{b}})$ - and $(\overline{\mathrm{c}})$ -dijet cross-sections in the forward region of pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
995	Measurement of the CKM angle ϕ_{B} in $\mathrm{B}_{\mathrm{s}}^0 \rightarrow \mathrm{DK}_{\mathrm{s}}^0$ and $\mathrm{B}_{\mathrm{s}}^0 \rightarrow \mathrm{D}_{\mathrm{s}}^0$ decays with $\mathrm{D} \rightarrow (\mathrm{K}_{\mathrm{s}}^0) \pi^0$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
994	Search for long-lived particles decaying to $(e^+ \mu^-) (\mu^+ \mu^-) (\nu)$. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
993	Observation of new excited $\mathrm{B}_{\mathrm{s}}^0$ states. <i>European Physical Journal C</i> , 2021 , 81,	4.2	2
992	Precise measurement of the $f_{\mathrm{s}}/f_{\mathrm{d}}$ ratio of fragmentation fractions and of $\mathrm{B}_{\mathrm{s}}^0$ decay branching fractions. <i>Physical Review D</i> , 2021 , 104,	4.9	6
991	Observation of New Resonances Decaying to J/ψ and J/ψ . <i>Physical Review Letters</i> , 2021 , 127, 082001	7.4	11
990	Search for the doubly charmed baryon χ_{cc} . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021 , 64, 1	3.6	0
989	Search for CP violation in $\mathrm{B}_{\mathrm{s}}^0 \rightarrow \mathrm{pK}_{\mathrm{s}}^0$ decays. <i>Physical Review D</i> , 2021 , 104,	4.9	2
988	Search for the doubly heavy baryons χ_{cc} and χ_{bb} decaying to J/ψ and J/ψ . <i>Chinese Physics C</i> , 2021 , 45, 093002	2.2	3
987	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2021 , 127, 111801	7.4	0
986	Simultaneous determination of CKM angle ϕ_{B} and charm mixing parameters. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
985	Updated search for $\mathrm{B}_{\mathrm{s}}^0 \rightarrow \mathrm{D}^+ \mathrm{D}^0$ decays to two charm mesons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	
984	Study of the lineshape of the $\chi(3872)$ state. <i>Physical Review D</i> , 2020 , 102,	4.9	18
983	Amplitude analysis of the $\mathrm{B}^+ \rightarrow \mathrm{D}^+ \mathrm{D}_{\mathrm{s}}^0$ decay. <i>Physical Review D</i> , 2020 , 102,	4.9	34
982	Constraints on the $\mathrm{K}_{\mathrm{s}}^0 \rightarrow \pi^+ \pi^-$ Branching Fraction. <i>Physical Review Letters</i> , 2020 , 125, 231801	7.4	1
981	Precision Measurement of the Ratio $\mathrm{B}(\chi(3\mathrm{S}) \rightarrow \pi^+ \pi^-) / \mathrm{B}(\chi(3\mathrm{S}) \rightarrow \pi^+ \pi^-)$. <i>Physical Review Letters</i> , 2020 , 125, 241801	7.4	0

980	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2020 , 125, 242001	7.4	25
979	Challenges in semileptonic (\vec{B}) decays. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	20
978	Search for the Rare Decays $B_s^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow e^+ e^-$. <i>Physical Review Letters</i> , 2020 , 124, 211802	7.4	4
977	Measurement of the branching fraction of the decay $B_s^0 \rightarrow K_S^0 K_S^0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
976	First observation of the decay $B^0 \rightarrow D^0 D^0 K^0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
975	First branching fraction measurement of the suppressed decay $B^0 \rightarrow \bar{B}^+$. <i>Physical Review D</i> , 2020 , 102,	4.9	3
974	Search for a Dark Leptophilic Scalar in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , 2020 , 125, 181801	7.4	4
973	Measurements of the Absolute Branching Fractions of $B^+ \rightarrow K^+ X_{cc}^0$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7.4	4
972	Test of lepton universality with ($\Lambda_b^0 \rightarrow p K^+ \ell^+ \ell^-$) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
971	Observation of New Ξ_{cc}^0 Baryons Decaying to $\Xi_{cc}^+ K^-$. <i>Physical Review Letters</i> , 2020 , 124, 222001	7.4	10
970	First Observation of Excited Ξ_b^0 States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
969	Resonances in $e^+ e^-$ annihilation near 2.2 GeV. <i>Physical Review D</i> , 2020 , 101,	4.9	5
968	Measurement of the ($\Lambda_b^0 \rightarrow J/\psi$) angular distribution and the (Λ_b^0) polarisation in pp collisions. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
967	Measurement of CP-Averaged Observables in the $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2020 , 125, 011802	7.4	46
966	Measurement of CP observables in $B_{\Xi} \rightarrow DK_{\Xi}$ and $B_{\Xi} \rightarrow D_{\Xi}$ with $D \rightarrow (K_{\mathcal{S}}^0 K^{\pm} \pi^{\mp})$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
965	Precision measurement of the (χ_{cc}^{++}) mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
964	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2.2	4
963	Search for Rare or Forbidden Decays of the D^0 Meson. <i>Physical Review Letters</i> , 2020 , 124, 071802	7.4	2

962	Determination of quantum numbers for several excited charmed mesons observed in $B \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	8
961	Amplitude analysis of the $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ decay. <i>Physical Review D</i> , 2020 , 101,	4.9	19
960	Observation of Several Sources of CP Violation in $B^+ \rightarrow \pi^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 031801	7.4	18
959	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ and 13 TeV . <i>European Physical Journal C</i> , 2020 , 80,	4.2	4
958	Measurement of $ V_{cb} $ with $B_s^0 \rightarrow D_s^* \pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
957	Measurement of the relative branching fractions of $B^+ \rightarrow h^+ h^+ h^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	1
956	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> , 2020 , 80, 1	4.2	9
955	Search for CP violation in $(\chi_c^+ \rightarrow p \bar{K}^+ \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
954	Observation of the semileptonic decay $B^+ \rightarrow \bar{p} \mu^+ \nu_\mu$. <i>Journal of High Energy Physics</i> , 2020 , 2020,	5.4	1
953	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0
952	Measurement of the shape of the $(B_s^0 \rightarrow D_s^{*\mp} \mu^+ \nu_\mu)$ differential decay rate. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
951	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu \tau$ using (B_{s2}^{*0}) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
950	Observation of a new baryon state in the $(\Lambda_b^0 \rightarrow \pi^+ \pi^-)$ mass spectrum. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
949	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
948	Search for the doubly heavy (χ_{bc}^0) baryon via decays to $D^0 p K$. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
947	Strong constraints on the $b \rightarrow s \gamma$ photon polarisation from $B^0 \rightarrow K^* e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
946	Study of muon pair production from positron annihilation at threshold energy. <i>Journal of Instrumentation</i> , 2020 , 15, P01036-P01036	1	6
945	Search for the doubly charmed baryon (χ_{cc}^+) . <i>Science China: Physics, Mechanics and Astronomy</i> , 2020 , 63, 1	3.6	13

944	Search for lepton-flavor-violating decays $D^0 \rightarrow X^0 e \mu$. <i>Physical Review D</i> , 2020 , 101,	4.9	1
943	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review Letters</i> , 2020 , 125, 212001	7.4	1
942	Observation of structure in the J/ψ pair mass spectrum. <i>Science Bulletin</i> , 2020 , 65, 1983-1993	10.6	71
941	Precision measurement of the (B_c^+) meson mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
940	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> , 2020 , 101,	4.9	5
939	Isospin Amplitudes in $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 111802	7.4	2
938	Measurement of f_s/f_u Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7.4	7
937	Study of the $\chi(3823)$ and $\chi(3872)$ states in $B^+ \rightarrow (J/\psi) K^+$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	15
936	Search for CP violation and observation of P violation in $B^0 \rightarrow p \pi^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	4
935	Search for $A^{\prime} \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
934	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26
933	Extraction of form Factors from a Four-Dimensional Angular Analysis of $B \rightarrow D^{*} \pi$. <i>Physical Review Letters</i> , 2019 , 123, 091801	7.4	8
932	Measurement of the relative $B \rightarrow D^0/D^{*0}$ branching fractions using B mesons from $B \rightarrow 2^0$ decays. <i>Physical Review D</i> , 2019 , 99,	4.9	2
931	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> , 2019 , 2019, 1	5.4	1
930	Search for the rare decay $(B^+) \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
929	Bose-Einstein correlations and bb correlations in pp collisions with LHCb. <i>Nuclear Physics A</i> , 2019 , 982, 347-350	1.3	
928	Measurement of the CP-violating phase γ 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> , 2019 , 797, 134789	4.2	2
927	Highlights from the LHCb experiment. <i>Nuclear Physics A</i> , 2019 , 982, 15-21	1.3	

926	Direct photon production at LHCb. <i>Nuclear Physics A</i> , 2019 , 982, 251-254	1.3	4
925	Study of coherent J/ψ production in lead-lead collisions at $\sqrt{s_{NN}}=5\text{TeV}$ with the LHCb experiment. <i>Nuclear Physics A</i> , 2019 , 982, 247-250	1.3	11
924	Observation of the $(\Lambda_{\text{charm}}^0 \rightarrow \psi(3720) \text{ pK}^0)$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
923	Prompt \bar{B}^+ baryons and D^0 meson production cross-section and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ with the LHCb detector. <i>Nuclear Physics A</i> , 2019 , 982, 683-686	1.3	1
922	Measurement of the Charm-Mixing Parameter γ_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
921	Search for CP Violation in $D_{\text{s}}^+ \rightarrow K_{\text{S}}^0 \bar{D}^+$, $D^+ \rightarrow K_{\text{S}}^0 K^+$, and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7.4	2
920	Observation of $B_{\text{s}}^0 \rightarrow J/\psi \text{ p} \bar{\text{p}}$ Decays and Precision Measurements of the B_{s}^0 Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7.4	4
919	Measurement of B^+ , B^0 and \bar{B}^0 production in pPb collisions at $\sqrt{s_{NN}}=8.16 \text{ TeV}$. <i>Physical Review D</i> , 2019 , 99,	4.9	12
918	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
917	Observation of a Narrow Pentaquark State, $P_{\text{c}}(4312)^+$, and of the Two-Peak Structure of the $P_{\text{c}}(4450)^+$. <i>Physical Review Letters</i> , 2019 , 122, 222001	7.4	199
916	Observation of an Excited B_{c}^+ State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18
915	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
914	Observation of the doubly Cabibbo-suppressed decay $\bar{B}^0 \rightarrow \text{p} \pi^-$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
913	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
912	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
911	Observation of the Decay $D^0 \rightarrow K^+ \pi^- e^+ e^-$. <i>Physical Review Letters</i> , 2019 , 122, 081802	7.4	4
910	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17
909	Measurement of the mass and production rate of \bar{B} baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9

908	Search for a Stable Six-Quark State at BABAR. <i>Physical Review Letters</i> , 2019 , 122, 072002	7.4	7
907	Study of the $B^0 \rightarrow \pi^+ \pi^- K^{*0}$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^+$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
906	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow J/\psi$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
905	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^0$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
904	Precision measurement of the Λ^+ , Λ^0 , and Λ^+ baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14
903	Amplitude analysis of $B^0 \rightarrow K^0 K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
902	First Observation of the Radiative Decay $\chi_{c0} \rightarrow \gamma$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7.4	7
901	Measurement of the branching fraction and (C)P asymmetry in $(B^+ \rightarrow J/\psi \rho^+)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	1
900	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
899	Near-threshold (\overline{D}^0) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	16
898	Amplitude analysis of the $(B^0 \rightarrow K^{*0} \overline{K}^0)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^{*0} \overline{K}^0)$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
897	Observation of New Resonances in the $\chi_{c0} \chi_{c1}$ System. <i>Physical Review Letters</i> , 2019 , 123, 152001	7.4	22
896	Impacts of radiative corrections on measurements of lepton flavour universality in $(B \rightarrow D \ell \nu_\ell)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	5
895	Updated measurement of time-dependent (CP)-violating observables in $(B^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
894	Measurements of CP asymmetries in charmless four-body (Λ^0_b) and (Ξ^0_b) decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
893	Prompt Ξ_c production in pPb collisions at $(\sqrt{s_{NN}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
892	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019 , 14, P11023-P11023	1	3
891	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5

890	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> , 2019 , 2019, 1	5.4	0
889	Search for $B \rightarrow \rho \pi$ with the BaBar experiment. <i>Physical Review D</i> , 2019 , 100,	4.9	2
888	Measurement of the B_c meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	4
887	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> , 2019 , 123, 211801	7.4	13
886	Search for Lepton-Flavor Violating Decays $B^{+} \rightarrow K^{+} \mu^+ \mu^- e^+$. <i>Physical Review Letters</i> , 2019 , 123, 241802	7.4	8
885	Measurement of CP-Violating and Mixing-Induced Observables in $B_{\{s\}}^0 \rightarrow \tau^+ \tau^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 081802	7.4	2
884	Amplitude Analysis of $B^{\pm} \rightarrow \mu^{\pm} K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
883	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2019 , 123, 232001	7.4	3
882	Observation of Two Resonances in the $\mu^+ \mu^- \{B^0\}$ Systems and Precise Measurement of $\mu^+ \mu^- \{B^0\}$ and $\mu^+ \mu^- \{B^{*0}\}$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
881	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
880	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
879	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> , 2018 , 776, 430-439	4.2	1
878	Measurement of CP observables in $B \rightarrow D^{(*)} K$ and $B \rightarrow D^{(*)} \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
877	A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow p K^+$ and $p \bar{B}^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
876	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
875	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e \mu \tau$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
874	First measurement of the CP-violating phase ($\phi_s^{\overline{d}}$) in $B^0 \rightarrow (K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
873	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^* \mu \mu$ branching fraction using three-prong τ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106

872	Measurement of the Ratio of the $B^0 \rightarrow D^{*-} \mu^+ \nu$ and $B^0 \rightarrow D^{*-} \tau^+ \nu$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
871	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \mu^+ \nu) / B(B_{c^+} \rightarrow J/\psi \tau^+ \nu)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
870	Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4
869	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
868	Measurement of branching fractions of charmless four-body $B \rightarrow b$ and $B \rightarrow b$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
867	Observation of the decay $B^0 \rightarrow \bar{p} p \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111	4.2	7
866	Observation of a New Ω_b^0 Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
865	Evidence for the Rare Decay $\bar{B}^0 \rightarrow p \bar{p} \pi^0$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
864	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
863	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> , 2018 , 2018, 1	5.4	4
862	Study of η' production in pPb collisions at ($\sqrt{s_{\text{NN}}} = 8.16$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
861	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> , 2018 , 98,	4.9	7
860	Measurement of $\cos 2\theta$ in $B^0 \rightarrow D^{(*)} h^0$ with $D \rightarrow K S^0 \pi^0$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , 2018 , 98,	4.9	6
859	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
858	Search for CP violation in $B^0 \rightarrow p \bar{K}^0$ and $B^0 \rightarrow p \bar{K}^*$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
857	Measurement of the $\bar{B}^0 \rightarrow \pi^0$ transition form factor. <i>Physical Review D</i> , 2018 , 98,	4.9	11
856	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4.2	3
855	Search for the decay mode $B^0 \rightarrow p p p \bar{p}$. <i>Physical Review D</i> , 2018 , 98,	4.9	1

854	First Evidence for $\cos 2\beta_0$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018 , 121, 261801	7.4	4
853	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
852	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
851	Observation of $B_s^0 \rightarrow D^0 \pi^0$ and search for $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5
850	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001	7.4	22
849	Measurement of the spectral function for the $B \rightarrow K^* S^0$ decay. <i>Physical Review D</i> , 2018 , 98,	4.9	12
848	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
847	Measurement of η' production in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
846	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> , 2018 , 2018, 1	5.4	4
845	Observation of the decay ($\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-$) in the η' mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	0
844	Search for a dimuon resonance in the η' mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
843	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
842	Angular moments of the decay $D^0 b \rightarrow \eta' \pi^0$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
841	Measurement of $Z \rightarrow \eta' \pi^0$ production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
840	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \pi^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7.4	54
839	Measurement of the CKM angle β using $B^0 \rightarrow D K^0$ with $D \rightarrow K^0 S^0$ or $K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
838	Measurement of D^0 production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
837	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7.4	8

836	Measurement of the Λ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
835	Evidence for the decay $(B_S^0 \rightarrow \overline{K}^* \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
834	Measurement of CP asymmetries in two-body B(s)0-meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018 , 98,	4.9	13
833	Observation of the decay $B_b^- \rightarrow (\rho^0) p$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
832	Testing lepton flavour universality in semileptonic $B \rightarrow \ell c$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
831	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> , 2018 , 2018, 1	5.4	1
830	Search for CP violation using triple product asymmetries in $B^0 \rightarrow p \bar{K}^0 \pi^0$ and $B^0 \rightarrow p \bar{K}^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
829	Study of $\rho(1S)$ radiative decays to $\pi^0 \pi^0$ and $\pi^+ \pi^-$. <i>Physical Review D</i> , 2018 , 97,	4.9	2
828	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> , 2018 , 97,	4.9	11
827	Search for the rare decay $B^+ \rightarrow p \pi^0$. <i>Physical Review D</i> , 2018 , 97,	4.9	9
826	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
825	Study of the process $e^+ e^- \rightarrow \mu^+ \mu^-$ using initial state radiation. <i>Physical Review D</i> , 2018 , 97,	4.9	8
824	First observation of $B^+ \rightarrow D^+ s K^+ K^0$ decays and a search for $B^+ \rightarrow D^+ s \gamma$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
823	Measurements of the branching fractions of $\tau^+ \rightarrow p \pi^0$, $\tau^+ \rightarrow p K^+ \pi^0$, and $\tau^+ \rightarrow p \bar{K}^0$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
822	Measurement of CP violation in $B^0 \rightarrow D^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
821	Amplitude Analysis of the Decay $B^0 \rightarrow K_S^0 \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K_S^0 \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7.4	7
820	Search for the CP-violating strong decays $B^0 \rightarrow \pi^0 \pi^0$ and $B^0(958) \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
819	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> , 2017 , 765, 307-316	4.2	8

818	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.	6.2	45
817	Amplitude analysis of $B \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
816	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
815	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801.	7.4	18
814	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
813	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> , 2017 , 767, 110-120	4.2	4
812	Observation of the decay $B_s^0 \rightarrow \mu^+ \mu^-$ and evidence for $B^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2017 , 95,	4.9	17
811	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2017 , 118, 052002	7.4	36
810	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \mu^+ \mu^-$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
809	Study of the $D^0 \rightarrow \mu^+ \mu^-$ amplitude in $B \rightarrow D^0 \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	33
808	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
807	Observation of $B^0 \rightarrow \mu^+ \mu^-$ and $B^+ \rightarrow \mu^+ \mu^-$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
806	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
805	Search for $B^+ \rightarrow K^+ \mu^+ \mu^-$ at the BaBar Experiment. <i>Physical Review Letters</i> , 2017 , 118, 031802	7.4	24
804	Observation of the Decay $B^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
803	Search for long-lived scalar particles in $B \rightarrow K + \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
802	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
801	Prompt and nonprompt J/ψ 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> , 2017 , 774, 159-178	4.2	26

800	Observation of charmless baryonic decays $B(s)0 \rightarrow pp\bar{h}h$. <i>Physical Review D</i> , 2017 , 96,	4.9	5
799	Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
798	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
797	Search for Invisible Decays of a Dark Photon Produced in e^+e^- Collisions at BaBar. <i>Physical Review Letters</i> , 2017 , 119, 131804	7.4	113
796	Observation of $B_{c^+} \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
795	Measurements of charm mixing and CP violation using $D_0 \rightarrow K\pi$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
794	Measurement of the B_{π} production asymmetry and the CP asymmetry in $B_{\pi} \rightarrow J/\psi K_{\pi}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
793	Reconstruction of semileptonically decaying beauty hadrons produced in high energy pp collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
792	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> , 2017 , 2017, 1	5.4	2
791	Search for the $B^0 \rightarrow \eta'$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
790	Observation of the decay $B^0 \rightarrow \rho^+ K^0$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5
789	Measurement of B_{π^0} and D_{π^0} Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
788	Observation of the Doubly Charmed Baryon Ω_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
787	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> , 2017 , 118, 261803	7.4	11
786	Observation of $B_{c^+} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
785	Observation of Five New Narrow Ω_{cc}^0 States Decaying to $\Omega_{cc}^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
784	Measurement of CP asymmetries in $D_{\pi} \rightarrow \eta$ and $D_{s\pi} \rightarrow \eta$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
783	Observation of $\bar{B}(2S) \rightarrow pp\bar{\pi}$ and search for $X(3872) \rightarrow pp\bar{\pi}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16

782	Observation of the $B \rightarrow J/\psi K$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
781	Measurement of the $B_{s^0} \rightarrow \pi^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
780	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
779	Observation of the Decays $B^0 \rightarrow \pi^+ \rho^- K^0$ and $B^0 \rightarrow \pi^0 \rho^+ K^0$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
778	Observation of the $B^+ \rightarrow D^* K^+ \pi^0$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2
777	Search for the Decays $B_{s^0} \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
776	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
775	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$, $K_S^0 K_L^0 \pi^0$ and $K_S^0 K_L^0 \pi^0 \pi^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4.9	12
774	Dalitz plot analyses of $J/\psi \rightarrow \pi^0 \pi^0$, $J/\psi \rightarrow K^+ K^-$, and $J/\psi \rightarrow K_S^0 K_L^0$ produced via e^+e^- annihilation with initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4.9	5
773	Observation of the suppressed decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
772	Measurement of the inclusive electron spectrum from B meson decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2017 , 95,	4.9	9
771	Test of lepton universality with $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
770	π^0 and π^+ Resonance Parameters with the Decays $B^0 \rightarrow J/\psi \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
769	Measurement of the $e^+e^- \rightarrow \pi^0 \pi^0$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , 2017 , 96,	4.9	13
768	Observation of D^0 Meson Decays to $\pi^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , 2017 , 119, 181805	7.4	14
767	Measurement of the $D^{*+}(2010) \rightarrow D^+$ Mass Difference. <i>Physical Review Letters</i> , 2017 , 119, 202003	7.4	1
766	Search for Baryon-Number Violating B^0 Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
765	Measurement of the J/ψ pair production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25

764	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
763	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s} = 5 \sqrt{s}$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
762	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> , 2017 , 769, 345-356	4.2	7
761	Evidence for the two-body charmless baryonic decay ($\{B\}^+ \rightarrow p \overline{\Lambda}$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
760	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow pp$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
759	Resonances and CP violation in B^0 and ($\overline{B}^0 \rightarrow J/\psi \{K\}^+ \{K\}^-$) decays in the mass region above the $\chi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
758	Study of ($\overline{b} \overline{b}$) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
757	Measurement of CP observables in $B^0 \rightarrow DK^*$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
756	Measurement of B^0 , B_s^0 , B^+ and 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> , 2017 , 774, 139-158	4.2	10
755	Measurement of the $e^+e^- \rightarrow K_S^0 K_S^0$ and $K_S^0 K_L^0$ cross sections using initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4.9	5
754	Measurement of CP violation in $B^0 \rightarrow J/\psi K_S^0$ and $B^0 \rightarrow \psi(2S) K_S^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	2
753	First Observation of a Baryonic $B_{s^0}^0$ Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
752	Averages of b-hadron, c-hadron, and (τ)-lepton properties as of summer 2016. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	310
751	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
750	Evidence for CP violation in $B^+ \rightarrow K^{*0} \pi^+$ from a Dalitz plot analysis of $B^+ \rightarrow K_S^0 \pi^+$ decays. <i>Physical Review D</i> , 2017 , 96,	4.9	2
749	Updated branching fraction measurements of $B^0 \rightarrow K_S^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
748	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
747	Observation of the decay $B^0 \rightarrow \tau^+ \tau^-$ and evidence for $B^0 \rightarrow \tau^+ \tau^- \pi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6

746	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> , 2017 , 2017, 1	5-4	3
745	Measurement of the B_{Ξ} production cross-section in pp collisions at $s = 7 \sqrt{s}=7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5-4	8
744	Measurement of the $Y(nS)$ polarizations in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	6
743	Measurement of the CP Asymmetry in $B_{\{s\}^0}$ - $B_{\{s\}^0}$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7-4	18
742	Model-Independent Evidence for J/ψ Contributions to $\Xi_{\{b\}^0} \rightarrow J/\psi K^{\{-}}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7-4	85
741	Evidence for Exotic Hadron Contributions to $\Xi_{\{b\}^0} \rightarrow J/\psi \Xi^{\{-}}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7-4	91
740	Measurement of the $I=1/2$ $K\bar{B}$ -wave amplitude from Dalitz plot analyses of $\bar{B} \rightarrow KK\pi\pi$ in two-photon interactions. <i>Physical Review D</i> , 2016 , 93,	4-9	6
739	Search for mixing-induced CP violation using partial reconstruction of $B_{\Xi}^0 \rightarrow D^* + X_{\Xi}$ and kaon tagging. <i>Physical Review D</i> , 2016 , 93,	4-9	2
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737	Measurement of angular asymmetries in the decays $B \rightarrow K^* \pi^0$ <i>Physical Review D</i> , 2016 , 93,	4-9	20
736	Studies of the resonance structure in $D_0 \rightarrow KS_0 K \pi^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4-9	13
735	Measurement of the mass and lifetime of the \bar{B} baryon. <i>Physical Review D</i> , 2016 , 93,	4-9	6
734	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> , 2016 , 93,	4-9	7
733	Observation of $B \rightarrow D^{(*)} \pi^{(+)} \pi^{(-)} \pi^{(0)}$ Decays in $e^+ e^-$ Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7-4	8
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731	First observation of the rare $B^+ \rightarrow D^+ K^+ \pi^0$ decay. <i>Physical Review D</i> , 2016 , 93,	4-9	3
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729	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B_0 \rightarrow DK + \pi^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4-9	6

728	Observation of $B_{s^0} \rightarrow D[\overline{K}^0]K_{S^0}$ and Evidence for $B_{s^0} \rightarrow D[\overline{K}^*]K_{S^0}$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
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726	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}^0$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
725	Search for Structure in the $B_{(s)}^0 \rightarrow \pi^0$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
724	Measurement of the $B^0 \rightarrow D^* \pi^0$ branching fraction. <i>Physical Review D</i> , 2016 , 94,	4.9	5
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721	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8 \sqrt{s} = 8 \sqrt{s}$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	34
720	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> , 2016 , 2016, 1	5.4	10
719	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
718	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s} = 13)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	65
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716	Observation of the $B^0 \rightarrow J/\psi \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
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713	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
712	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
711	Observations of $\Upsilon \rightarrow b \rightarrow K^+ \pi^0$ and $\Upsilon \rightarrow b \rightarrow K^+ K^0 \pi^0$ decays and searches for other $\Upsilon \rightarrow b$ and $\Upsilon \rightarrow b$ decays to $B + h^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17

710	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> , 2016 , 2016, 1	5.4	8
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708	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
707	Production of associated Y 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> , 2016 , 2016, 1	5.4	25
706	Measurement of the CKM angle α using $B^0 \rightarrow DK^0$ with $D \rightarrow K S^0 \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6
705	Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
704	Measurement of the ratio of branching fractions ($\frac{\text{Br}(B^0 \rightarrow K^+ J/\psi K^0)}{\text{Br}(B^0 \rightarrow K^+ \psi(3700) K^0)}$). <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
703	Measurement of forward $W \rightarrow e \bar{\nu}$ production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
702	Measurement of the CKM angle α from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
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700	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001	2.2	65
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696	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
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694	Search for the lepton-flavour violating decay $D^0 \rightarrow e \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 167-175	4.2	14
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689	Observation of the $B^0 \rightarrow \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12
688	Measurement of CP observables in $B_{\pm}^0 \rightarrow DK_{\pm}^0$ and $B_{\pm}^0 \rightarrow D_{\pm}^0$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 117-131	4.2	16
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680	Study of CP asymmetry in $B^0\text{-}B^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13
679	Search for Long-Lived Particles in e^+e^- Collisions. <i>Physical Review Letters</i> , 2015 , 114, 171801	7.4	19
678	Dalitz plot analyses of $B^0 \rightarrow D\bar{D}^0 K^+$ and $B^+ \rightarrow D^0 D^0 K^+$ decays. <i>Physical Review D</i> , 2015 , 91,	4.9	22
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676	Precision measurement of CP violation in $B(S)^0 \rightarrow J/\psi + K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
675	Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8\text{ TeV}$. <i>Physical Review Letters</i> , 2015 , 114, 132001	7.4	35

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666	Observation of the rare $B(s)^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
665	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013		32
664	Measurement of the $[B_c^+]$ production cross-section in proton-proton collisions via the decay $[B_c^+ \rightarrow \mu^+ \nu]$. <i>European Physical Journal C</i> , 2015 , 75, 311	4.2	41
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662	Search for a light Higgs resonance in radiative decays of the $\chi(1S)$ with a charm tag. <i>Physical Review D</i> , 2015 , 91,	4.9	7
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660	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> , 2015 , 92,	4.9	7
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654	Observation of the baryonic decay $B \rightarrow p \pi^0 K^+$. <i>Physical Review D</i> , 2015 , 91,	4.9	2
653	First observation and amplitude analysis of the $B \rightarrow D^+ K^0$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	30
652	Quantum numbers of the X(3872) state and orbital angular momentum in its $D^0 \pi^0$ decay. <i>Physical Review D</i> , 2015 , 92,	4.9	34
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650	Dalitz plot analysis of $B^0 \rightarrow D^0 \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53
649	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
648	Measurement of the branching fraction ratio $B(B_c^+ \rightarrow \pi^+ D_s^0) / B(B_c^+ \rightarrow J/\psi)$. <i>Physical Review D</i> , 2015 , 92,	4.9	11
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646	Search for the rare decays $B^0 \rightarrow J/\psi \pi^0$ and $B_s^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2015 , 92,	4.9	7
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643	Observation of the $B(s)(0) \rightarrow \pi^0 \pi^0$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7.4	7
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641	Measurement of the ratio of branching fractions $B(B[\overline{0}] \rightarrow D^{*+} \pi^-) / B(B[\overline{0}] \rightarrow D^{*+} \pi^0)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
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639	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007	7.4	67

638	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , 2015 , 10, P10005-P10005		
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636	Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	31
635	Search for the $\{B\}_s^0 \rightarrow \{D\}^{\ast 0} \{D\}^{\ast 0}$ and $\{B\}_s^0 \rightarrow \{D\}^{\ast 0} \{D\}^{\ast 0}$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	6
634	Measurement of the exclusive $\{D\}^{\ast 0}$ production cross-section in pp collisions at ($\sqrt{s}=7$) TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	42
633	Measurement of the $B^0 \rightarrow \{D\}^{\ast 0} \{D\}^{\ast 0}$ branching fraction and search for the decay $B^0 \rightarrow \{D\}^{\ast 0} \{D\}^{\ast 0}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	8
632	Forward production of $\{D\}^{\ast 0}$ mesons in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	21
631	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \{D\}^{\ast 0} \{D\}^{\ast 0}$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	22
630	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^{\ast 0} \{K\}^{\ast 0}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	4
629	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \{D\}^{\ast 0} \{D\}^{\ast 0}$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	27
628	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> , 2015 , 2015, 1	5-4	11
627	Measurement of CP violation parameters and polarisation fractions in ($\{B\}_s^0 \rightarrow \{J/\psi\} \overline{\{K\}^{\ast 0}} \{K\}^{\ast 0}$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	12
626	Measurement of forward $Z \rightarrow e^+e^-$ production at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	17
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624	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow \{J/\psi\} K^0 S$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	9
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622	Measurement of forward J/ψ production cross-sections in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	47
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619	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> , 2015 , 2015, 1	5.4	13
618	Angular analysis of the $B^0 \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
617	Determination of the branching fractions of $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^0 K^+$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	5
616	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , 2015 , 75, 595	4.2	8
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613	Observation of two new $\Lambda(b)^{-}$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
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611	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	60
610	Search for a dark photon in e^+e^- collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
609	Measurement of the Λ_b^0 and Σ_b^0 baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162	4.2	10
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606	Evidence for the decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^0$. <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
605	Searches for (Λ_b^0) and (Ξ_b^0) decays to $(K_{\text{charm}}^0 \pi^0)$ and $(K_{\text{charm}}^0 K^0)$ 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> , 2014 , 2014, 1	5.4	18
604	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	7
603	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	22

602	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \pi^+ K^{*0}$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	8
601	Angular analysis of charged and neutral $B \rightarrow K \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	18
600	Evidence for the decay $(\mathbf{B}_{\mathbf{c}}^+ \rightarrow \mathbf{J} \left/ \left\{ \left\{ \psi(3770) \right\}^2 \left\{ \psi(3700) \right\} \right\} \right.)$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	16
599	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{*} \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	142
598	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	42
597	Study of (φ) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	27
596	Observation of the $D^0_b \rightarrow J/\psi \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	29
595	Observation of the $B^0_s \rightarrow J/\psi K^+ K^-$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	5
594	Study of the kinematic dependences of D^0_b production in pp collisions and a measurement of the $D^0_b \rightarrow \pi^+ c$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	30
593	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	15
592	Measurement of φ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4-2	23
591	Measurement of the $[Formula: see text]$ meson lifetime using $[Formula: see text]$ decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4-2	32
590	Measurement of $[Formula: see text]$ polarisation in $[Formula: see text]$ collisions at $[Formula: see text] = 7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2872	4-2	35
589	Measurement of charged particle multiplicities and densities in $[Formula: see text]$ collisions at $[Formula: see text]$ TeV in the forward region. <i>European Physical Journal C</i> , 2014 , 74, 2888	4-2	20
588	Search for the decay $\rho \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4-2	8
587	Search for CP violation in the decay $\rho \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4-2	15
586	Search for lepton-number violating $B \rightarrow X \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2014 , 89,	4-9	22
585	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7-4	234

584	Observation of photon polarization in the $b \rightarrow s\gamma$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
583	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130	4.2	43
582	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
581	Bmeson decays in leptons: powerful probes of new physics. <i>EPJ Web of Conferences</i> , 2014 , 81, 03008	0.3	
580	Measurement of the CP-violating phase γ in $B_s(0) \rightarrow D_s(+)\bar{D}_s(-)$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
579	Search for new \tilde{D} -like particles produced in association with a $\tilde{\nu}_\tau$ lepton pair. <i>Physical Review D</i> , 2014 , 90,	4.9	1
578	Measurement of CP violation parameters in $B_0 \rightarrow DK^*0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
577	Bottomonium spectroscopy and radiative transitions involving the $\tilde{B}_J(1P,2P)$ states at BaBar. <i>Physical Review D</i> , 2014 , 90,	4.9	5
576	Measurements of CP violation in the three-body phase space of charmless $B_{\tilde{c}}$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	47
575	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
574	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7\text{ TeV}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
573	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^*0 \tilde{\nu}_\tau \tilde{\nu}_\tau$ and $B^+ \rightarrow K^+ \tilde{\nu}_\tau \tilde{\nu}_\tau$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
572	Observation of $B_{\tilde{s}}^0 \rightarrow \{K^{\pm}\} \{K^{\mp}\}$ and evidence for $B_{\tilde{s}}^0 \rightarrow \{K^{\pm}\} \{\pi^{\mp}\}$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001	2.9	6
571	Measurement of CP violation and constraints on the CKM angle β in $B_{\tilde{c}} \rightarrow DK_{\tilde{c}}$ with $D \rightarrow KS_{\tilde{c}}$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
570	Measurement of the $B_{\tilde{c}}^0 B_0$ and $B_{\tilde{c}}^0 B_s^0$ production asymmetries in pp collisions at $s=7\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 218-228	4.2	22
569	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
568	Evidence for CP violation in $B^+ \rightarrow ppK^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
567	Measurements of direct CP asymmetries in $B \rightarrow Xs\gamma$ decays using sum of exclusive decays. <i>Physical Review D</i> , 2014 , 90,	4.9	9

566	Evidence for the decay $B_0 \rightarrow \bar{D}^0$ and search for $B_0 \rightarrow \bar{D}^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
565	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$, $K_S^0 K_L^0 \pi^0$ and $K_S^0 K_S^0 K^0 \bar{K}^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4.9	32
564	First observation of a baryonic B_c^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
563	Measurement of resonant and CP components in $B_{(s)}^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
562	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
561	Measurement of the $B_{(s)}^0$ meson lifetime in $D_s^+ \rightarrow \mu^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
560	Search for the decay $B_{(s)}^0 \rightarrow \bar{D}^0 p \bar{p}$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
559	Measurement of Collins asymmetries in inclusive production of charged pion pairs in e^+e^- annihilation at BABAR. <i>Physical Review D</i> , 2014 , 90,	4.9	58
558	Measurement of CP violation in the phase space of $B_{(s)}^0 \rightarrow K^+ K^- \pi^0$ and $B_{(s)}^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
557	Measurement of the resonant and CP components in $B_{(s)}^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
556	Observation of overlapping spin-1 and spin-3 $D_0 K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
555	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> , 2014 , 112, 111802	7.4	12
554	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0 \pi^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
553	Measurements of indirect CP asymmetries in $D_0 \rightarrow K^- K^+$ and $D_0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review Letters</i> , 2014 , 112, 041801	7.4	18
552	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	30
551	Measurement of the $B \rightarrow X_s \pi^0$ Branching Fraction and Search for Direct CP Violation from a Sum of Exclusive Final States. <i>Physical Review Letters</i> , 2014 , 112,	7.4	66
550	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> , 2014 , 89,	4.9	16
549	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542

548	Precision measurement of the mass and lifetime of the \bar{B}^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
547	Measurement of CP violation in $B_s^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
546	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
545	Observation of $B(s)(0) \rightarrow J/\psi(1285)$ decays and measurement of the $\phi(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
544	Evidence for the baryonic decay $B_c^0 \rightarrow D^0 \pi^+$. <i>Physical Review D</i> , 2014 , 89,	4.9	4
543	Measurement of the ratio of B_c^+ branching fractions to J/ψ and J/ψ final states. <i>Physical Review D</i> , 2014 , 90,	4.9	23
542	Study of the reaction $e^+e^- \rightarrow \psi(2S) \pi^+ \pi^-$ via initial-state radiation at BaBar. <i>Physical Review D</i> , 2014 , 89,	4.9	59
541	Studies of beauty baryon decays to $D^0 \pi^+ \pi^-$ and $\pi^+ \pi^-$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
540	Antideuteron production in $\psi(nS)$ decays and in $e^+e^- \rightarrow q\bar{q}$ at $\sqrt{s} = 10.58$ GeV. <i>Physical Review D</i> , 2014 , 89,	4.9	9
539	Observation of charmonium pairs produced exclusively in pp collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
538	Study of χ_{c0} meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	33
537	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
536	Search for CP violation in $D^0 \rightarrow K^+ K^- \pi^+$ and $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
535	First observations of the rare decays $B^+ \rightarrow K^+ \pi^+ \pi^-$ and $B^+ \rightarrow K^+ \pi^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7
534	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
533	Measurement of the CKM angle ϕ_1 using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
532	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
531	Measurement of the forward W boson cross-section in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14

530	A study of CP violation in $B_{\bar{c}} \rightarrow DK_{\bar{c}}$ and $B_{\bar{c}} \rightarrow D_{\bar{c}}$ decays with $D \rightarrow KS0K_{\bar{c}}$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4.2	12
529	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	20
528	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41
527	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 729, 615-701	1.2	125
526	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> , 2013 , 726, 203-213	1.2	86
525	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , 2013 , 87,	4.9	10
524	Branching fraction measurement of $B^+ \rightarrow \mu^+ \nu_{\mu}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
523	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> , 2013 , 111, 251801	7.4	34
522	Search for direct CP violation in singly Cabibbo-suppressed $D_{\bar{c}} \rightarrow K^+ K_{\bar{c}}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	7
521	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	26
520	Study of $e^+e^- \rightarrow pp$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
519	Measurement of the $D^*(2010)^+$ natural linewidth and the $D^*(2010)^+ D^0$ mass difference. <i>Physical Review D</i> , 2013 , 88,	4.9	14
518	Search for $B \rightarrow K^*(\chi)$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
517	Search for CP violation in B^0 - \bar{B}^0 mixing using partial reconstruction of $B^0 \rightarrow D^{*-} X^+$ and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19
516	Measurement of the $D^*(2010)^+$ meson width and the $D^*(2010)^+ - D^0$ mass difference. <i>Physical Review Letters</i> , 2013 , 111, 111801	7.4	25
515	Measurement of an excess of $B_{\bar{c}} \rightarrow D^*(\chi)_{\bar{c}}$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	34 ^o
514	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> , 2013 , 88,	4.9	59
513	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 87,	4.9	38

512	Search for CP violation in the decays $D_{s1}^{\pm} \rightarrow KS_0 K_{\pm}^*$, $D_s^{\pm} \rightarrow KS_0 K_{\pm}^*$, and $D_s^{\pm} \rightarrow KS_0 \pi^{\pm}$. <i>Physical Review D</i> , 2013 , 87,	4.9	9
511	Measurement of the $e^+e^- \rightarrow pp^{\bar{}} \pi^0$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
510	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , 2013 , 87,	4.9	31
509	Measurement of the $B^+ \rightarrow \mu^+ \mu^0$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
508	Production of charged pions, kaons, and protons in e^+e^- annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	37
507	Measurement of the mass of the D_0 meson. <i>Physical Review D</i> , 2013 , 88,	4.9	7
506	Search for a light Higgs boson decaying to two gluons or $ss^{\bar{}}$ in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
505	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B_{\pm}^0 \rightarrow D^{(*)} K^{(*) \mp}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
504	Study of the decay $B_{\pm}^0 \rightarrow \bar{p}^+ p^0 \pi^{\pm}$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
503	Search for the rare decays $B^+ \rightarrow \mu^+ \mu^0$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2013 , 88,	4.9	8
502	Measurement of $D_0 D_0^{\bar{}}$ mixing and CP violation in two-body D_0 decays. <i>Physical Review D</i> , 2013 , 87,	4.9	27
501	Evidence of $B^+ \rightarrow \mu^+ \mu^0$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
500	Measurement of CP-violating asymmetries in $B^0 \rightarrow \mu^+ \mu^-$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4.9	11
499	Observation of time-reversal violation in the B_0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	4.9	96
498	Search for $B_{\pm}^0 \rightarrow \bar{p}^+ X^0 \pi^{\pm}$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
497	Measurement of the semileptonic branching fraction of the B_s meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11
496	Search for CP violation in the decay $B^0 \rightarrow K_S^0(D^0) \pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	24
495	Observation and study of the baryonic B-meson decays $B^+ \rightarrow D^{(*)} pp^{\bar{}} \pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	17

494	B^0 meson decays to D^*K^0 , F^0K^0 , and K^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
493	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+K^-K_S^0$, $B^+ \rightarrow K^+K^-K^+$, and $B^+ \rightarrow K_S^0K_S^0K^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
492	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^+K^-$ and $B^+ \rightarrow \pi^+K_S^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42
491	Measurement of $B(B \rightarrow Xs\gamma)$, the $B \rightarrow Xs\gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow Xs+d$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	34
490	The Instrumented Flux Return Detector of the SuperB Experiment: R&D Studies and First Results of the Fermilab Beam Test. <i>Physics Procedia</i> , 2012 , 37, 659-666		
489	Precise measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110
488	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^{(*)}\pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	82
487	Study of high-multiplicity three-prong and five-prong π decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	17
486	Cross sections for the reactions $e^+e^- \rightarrow K^+K^-\pi^+K^-\pi^0$, and $K^+K^-K^+K^-$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4.9	41
485	Study of $X(3915) \rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
484	Search for the decay modes $B^0 \rightarrow h^0\pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	21
483	Exclusive measurements of $b \rightarrow s\gamma$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
482	Precision measurement of the $B \rightarrow Xs\gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})(B \rightarrow X(s+d))$. <i>Physical Review Letters</i> , 2012 , 109, 191801	7.4	43
481	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^*+D^{*0}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	3
480	Initial-state radiation measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section. <i>Physical Review D</i> , 2012 , 85,	4.9	19
479	Study of the baryonic B decay $B^0 \rightarrow \bar{p}\pi^+$. <i>Physical Review D</i> , 2012 , 86,	4.9	14
478	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
477	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	51

476	Search for lepton-number violating processes in $B^{+-} \rightarrow h^{\pm} l^{\pm}$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24
475	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> , 2012 , 85,	4.9	14
474	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0 \rightarrow \mu^+ \mu^-$ and $D^0 \rightarrow e^{\pm} \mu^{\mp}$. <i>Physical Review D</i> , 2012 , 86,	4.9	3
473	Evidence for an excess of $B \rightarrow D^{*+} \pi^0$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	45 ⁶
472	Study of the reaction $e^+ e^- \rightarrow J/\psi \pi^0$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
471	Branching fraction of $B \rightarrow K_S^0 K_S^0 (\pi^0)$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
470	Improved limits on B^0 decays to invisible (γ) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
469	Search for resonances decaying to $\pi^0 \pi^0$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
468	Study of $B^{\pm} \rightarrow X_u \pi^{\pm}$ decays in BB^{\pm} events tagged by a fully reconstructed B-meson decay and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	20
467	Search for the decay $D^0 \rightarrow \pi^0$ and measurement of the branching fraction for $D^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	19
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464	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow \pi^0 K^{*+}$ and $B^+ \rightarrow f_0(980) K^{*+}$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	7
463	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4.9	12
462	Search for $b \rightarrow u$ transitions in $B^{\pm} \rightarrow [K^* \pi^0] DK^{\pm}$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
461	Search for CP violation in the decay $D^{\pm} \rightarrow K_S^0 \pi^{\pm}$. <i>Physical Review D</i> , 2011 , 83,	4.9	19
460	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4.9	33
459	Studies of $B \rightarrow K^* \pi$ and $B \rightarrow \pi \pi$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , 2011 , 83,	4.9	27

458	Searches for the baryon- and lepton-number violating decays $B_0 \rightarrow \bar{p} + \ell^+ B \bar{B}^0$ and $B \bar{B} \rightarrow \ell^+ \ell^-$ <i>Physical Review D</i> , 2011 , 83,	4.9	13
457	Observation of $\bar{B}(1S)$ and $\bar{B}(2S)$ decays to $K+K\bar{K}^0$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17
456	Observation of the baryonic B decay $B_{\bar{c}} \rightarrow \bar{p} + \bar{K}^0$ <i>Physical Review D</i> , 2011 , 84,	4.9	2
455	Observation of the rare decay $B^+ \rightarrow K^+ \bar{D}^0$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \bar{D}^0$, $B^+ \rightarrow f_0(980) K^+$, and $B^+ \rightarrow \bar{D}^0 K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
454	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and \bar{K}^0 . <i>Physical Review D</i> , 2011 , 83,	4.9	3
453	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
452	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
451	Evidence for the $hb(1P)$ meson in the decay $\Upsilon(BS) \rightarrow \bar{D} hb(1P)$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
450	Study of $B \rightarrow \ell^+ \ell^-$ and $B \rightarrow \ell^+ \ell^- \bar{\nu} \nu$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76
449	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2011 , 107, 021804	7.4	43
448	Measurement of the $B \rightarrow D \ell^+ \ell^- K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20
447	Branching fraction measurements of the color-suppressed decays $B_{\bar{c}} \rightarrow D^{(*)} \bar{D}^0$, $D^{(*)} \bar{D}^0 \bar{D}^{(*)} \bar{D}^0$ and $D^{(*)} \bar{D}^0$ and measurement of the polarization in the decay $B_{\bar{c}} \rightarrow D^{*0} \bar{D}^0$ <i>Physical Review D</i> , 2011 , 84,	4.9	11
446	Analysis of the $D^+ \rightarrow K \bar{K} e^+ \bar{\nu}$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25
445	Study of $\Upsilon(BS, 2S) \rightarrow \Upsilon(1S)$ and $\Upsilon(BS, 2S) \rightarrow \bar{D} \Upsilon(1S)$ hadronic transitions. <i>Physical Review D</i> , 2011 , 84,	4.9	12
444	Measurement of the $\bar{B} \rightarrow \bar{D}$ and $\bar{B} \rightarrow \bar{D}^*$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
443	Search for the decay $B_0 \rightarrow \pi^0 \pi^0$ <i>Physical Review D</i> , 2011 , 83,	4.9	4
442	Dalitz plot analysis of $D_{s^*} \rightarrow K^+ K \bar{K}$. <i>Physical Review D</i> , 2011 , 83,	4.9	30
441	Measurement of the $B_0 \rightarrow \bar{D}^0 \pi^0$ and $B^+ \rightarrow \bar{D}^0 \pi^+$ branching fractions, the $B_0 \rightarrow \bar{D}^0 \pi^0$ and $B^+ \rightarrow \bar{D}^0 \pi^+$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29

440	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. D PRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , 2011 , 84,	4.9	2
439	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \pi\pi K$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	5
438	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow \gamma \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41
437	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> , 2011 , 84,	4.9	12
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435	Test of lepton universality in $(1S)$ decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19
434	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
433	Evidence for direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B^0 \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801	7.4	42
432	Search for charged lepton flavor violation in narrow upilon decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7.4	14
431	Measurement of D^0 - \bar{D}^0 mixing parameters using $D^0 \rightarrow K(S)^0 \pi^0$ and $D^0 \rightarrow K(S)^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , 2010 , 105, 081803	7.4	70
430	Search for $f(J)(2220)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
429	A scintillator based muon system with SiPM readout for the SuperB detector 2010 ,		2
428	Measurement of CP observables in $B \rightarrow DCPK$ decays and constraints on the CKM angle β <i>Physical Review D</i> , 2010 , 82,	4.9	26
427	Exclusive production of $D_s^+ D_s^-$, $D_s^{*+} D_s^-$ and $D_s^{*+} D_s^{*-}$ via $e^+ e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , 2010 , 82,	4.9	21
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425	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> , 2010 , 104, 011802	7.4	57
424	Searches for Lepton flavor violation in the decays $\tau_{\{+/-\}} \rightarrow e_{\{+/-\}} \gamma$ and $\tau_{\{+/-\}} \rightarrow \mu_{\{+/-\}} \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328
423	Measurement of the $\psi \rightarrow \pi$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35

422	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle θ from $B^0 \rightarrow a_1(1260)$. <i>Physical Review D</i> , 2010 , 81,	4.9	13
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420	Search for the rare decay $B \rightarrow K\pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	20
419	Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow cc \rightarrow \bar{b} + \pi c$. <i>Physical Review D</i> , 2010 , 82,	4.9	2
418	Search for B^+ meson decay to $a_1(1260)K^*(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
417	Evidence for the decay $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2010 , 82,	4.9	119
416	Search for $B^{+-} \rightarrow D+K^0$ and $B^{+-} \rightarrow D+K^{*0}$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	2
415	Search for $B^{+-} \rightarrow \pi^0$ recoiling against $B \rightarrow D^0$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
414	B-meson decays to ρ^0 , and K^* . <i>Physical Review D</i> , 2010 , 82,	4.9	9
413	Observation of the rare decay $B^0 \rightarrow KS^0 K^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
412	Observation of inclusive D^{*0} production in the decay of $\Upsilon(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
411	Measurement of the absolute branching fractions for $D_s \rightarrow \pi^0$ and extraction of the decay constant f_{D_s} . <i>Physical Review D</i> , 2010 , 82,	4.9	24
410	Limits on lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42
409	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> , 2010 , 82,	4.9	111
408	Observation of the decay $B^0 \rightarrow \bar{b} + p\pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
407	Study of $B \rightarrow X\pi$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
406	Observation of the $\eta(2P)$ meson in the reaction $\Upsilon \rightarrow D\bar{D}$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
405	Search for CP violation using T-odd correlations in $D^0 \rightarrow K+K\pi$ decays. <i>Physical Review D</i> , 2010 , 81,	4.9	21

404	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow Xc\ell$ <i>Physical Review D</i> , 2010 , 81,	4.9	22
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402	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> , 2009 , 103, 231801	7.4	163
401	Search for dimuon decays of a light scalar boson in radiative transitions $Upsilon \rightarrow \gamma A_0$. <i>Physical Review Letters</i> , 2009 , 103, 081803	7.4	139
400	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26
399	Search for second-class currents in $\tau \rightarrow \omega \pi^0 \nu_\tau$. <i>Physical Review Letters</i> , 2009 , 103, 041802	7.4	9
398	Measurements of the semileptonic decays $B \rightarrow D^* \ell$ and $B \rightarrow D^* \ell^*$ using a global fit to $D^* \ell$ final states. <i>Physical Review D</i> , 2009 , 79,	4.9	43
397	Measurement of the $B \rightarrow \rho^0$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246
396	Measurements of the B mass and the mass difference of the B^0 and B^{\pm} at BABAR. <i>Physical Review D</i> , 2009 , 80,	4.9	26
395	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} D^{(*)}$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	14
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393	Improved measurement of $B^+ \rightarrow \rho^+ \rho^0$ and determination of the quark-mixing phase angle α . <i>Physical Review Letters</i> , 2009 , 102, 141802	7.4	20
392	Improved limits on lepton-flavor-violating tau decays to $l\phi$, $l\rho$, lK , and lK^* . <i>Physical Review Letters</i> , 2009 , 103, 021801	7.4	10
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389	Search for invisible decays of the $Upsilon(1S)$. <i>Physical Review Letters</i> , 2009 , 103, 251801	7.4	35
388	Evidence for $X(3872) \rightarrow \psi(2S) \gamma$ in $B^{(\pm)} \rightarrow X(3872) K^{(\pm)}$ decays and a study of $B \rightarrow c\bar{c} \gamma K$. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
387	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> , 2009 , 102, 012001	7.4	57

386	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K^{(*)}l^+l^-$. <i>Physical Review Letters</i> , 2009 , 102, 091803	7.4	58
385	Dalitz plot analysis of $B_{\mu} \rightarrow \mu\mu\mu$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
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383	Measurement of $B \rightarrow X\gamma$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2009 , 102, 161803	7.4	2
382	Model-independent search for the decay $B^+ \rightarrow l^+\mu\mu$. <i>Physical Review D</i> , 2009 , 80,	4.9	14
381	Observation and polarization measurement of $B^0 \rightarrow a_1(1260)a_1(1260)$ decay. <i>Physical Review D</i> , 2009 , 80,	4.9	4
380	Dalitz plot analysis of $B_{\mu} \rightarrow D^+\mu$. <i>Physical Review D</i> , 2009 , 79,	4.9	41
379	Observation of B meson decays to K^* and improved measurements for B^+ and B^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	14
378	Branching fractions and CP-violating asymmetries in radiative B decays to K^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	5
377	Constraints on the CKM angle β in $B^0 \rightarrow D^0K^*0$ and $B^0 \rightarrow D^0K^*0$ from a Dalitz analysis of D^0 and D^0 decays to KS^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	10
376	Observation of the baryonic B-decay $B^0 \rightarrow \bar{p}^+p^+K^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
375	Search for B^0 meson decays to $D^0KS^0KS^0$, $K^0KS^0KS^0$, and $\bar{K}^0KS^0KS^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3
374	Measurement of the $B^+ \rightarrow \mu^+\mu^+$ and $B^+ \rightarrow \mu^+\mu^0$ branching fractions. <i>Physical Review D</i> , 2009 , 79,	4.9	9
373	Search for the decay $B^+ \rightarrow K^0K^0K^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	12
372	Measurement of the semileptonic decays $B^{\pm} \rightarrow D^{\pm}\mu$ and $B^{\pm} \rightarrow D^{*\pm}\mu$. <i>Physical Review D</i> , 2009 , 79,	4.9	18
371	Time-dependent amplitude analysis of $B^0 \rightarrow KS^0\mu\mu$. <i>Physical Review D</i> , 2009 , 80,	4.9	37
370	Angular distributions in the decay $B \rightarrow K^*l^+l^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	63
369	Search for Lepton Flavor Violating Decays $B^{\pm} \rightarrow K^0l^{\pm}$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9

368	Evidence for $B^+ \rightarrow K^0 K^{*+}$. <i>Physical Review D</i> , 2009 , 79,	4.9	5
367	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2009 , 80,	4.9	14
366	B meson decays to charmless meson pairs containing $[br]$ mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
365	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^0$ and $K^+ K^-$. <i>Physical Review D</i> , 2009 , 80,	4.9	30
364	Dalitz plot analysis of $D_s^{*+} \rightarrow \pi^+ \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	31
363	Search for B-meson decays to b_1^- and $b_1 K^*$. <i>Physical Review D</i> , 2009 , 80,	4.9	6
362	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
361	Search for the rare leptonic decays $B^+ \rightarrow l^+ \pi^0$ ($l=e, \mu$). <i>Physical Review D</i> , 2009 , 79,	4.9	14
360	Measurement of the branching fraction and ρ polarization in $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	11
359	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow cc \bar{K}^{(*)0}$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
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353	Measurement of the branching fractions of the rare decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)+} \bar{K}^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
352	Measurement of the mass difference $m(B^0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
351	Study of hadronic transitions between χ states and observation of $\chi(4S) \rightarrow \chi(1S)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25

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349	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^* K_0^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	7
348	Dalitz plot analysis of the decay $B_0(B^0) \rightarrow K^* \pi$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
347	Observation of $B_0 \rightarrow \pi^0 K^* 0$ and evidence for $B^+ \rightarrow \pi^0 K^* +$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
346	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^* \pi$, $K^* K^+$, and π . <i>Physical Review D</i> , 2008 , 78,	4.9	36
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344	Measurement of time-dependent CP asymmetry in $B_0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
343	Search for the rare charmless hadronic decay $B^+ \rightarrow a_0^+ \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	5
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340	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
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337	Study of the decay $D_s^+ \rightarrow K^+ K^* \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
336	Improved measurement of CP observables in $B^+ \rightarrow D^0 K^+ K^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	10
335	Observation of $e^+ e^- \rightarrow \pi^+ \pi^-$ near $s=10.58$ GeV. <i>Physical Review D</i> , 2008 , 78,	4.9	10
334	Measurement of the $B \rightarrow X_s \gamma$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , 2008 , 77,	4.9	55
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332	Time-dependent and time-integrated angular analysis of $B \rightarrow KS^0$ and B^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	36
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329	Search for $B^0 \rightarrow K^* K^*$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
328	Observation of $B^+ \rightarrow b^1 K^0$ and search for B-meson decays to $b^1 K^0$ and $b^1 \mu^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
327	Measurement of the $B \rightarrow \mu^+ \mu^-$ branching fraction and a search for a second-class current in the $B \rightarrow (958) \mu^-$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24
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322	Search for decays of B^0 mesons into $e^+ e^- \mu^+ \mu^-$ and $e^+ \mu^+ \mu^-$ final states. <i>Physical Review D</i> , 2008 , 77,	4.9	14
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316	Measurement of the decay $B^0 \rightarrow D^{*0} e^+ \nu_e$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15
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313	Measurements of partial branching fractions for $B \rightarrow X \ell \nu$ and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2008 , 100, 171802	7.4	15
312	Measurement of the absolute branching fraction of $D_0 \rightarrow K \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 051802	7.4	8
311	Search for CP violation in the decays $D_0 \rightarrow K^- K^+$ and $D_0 \rightarrow \pi^- \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 061803	7.4	60
310	Observation of $B^{*+} \rightarrow a_1^+(1260) K_0$ and $B_0 \rightarrow a_1^-(1260) K^+$. <i>Physical Review Letters</i> , 2008 , 100, 051803	7.4	15
309	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , 2008 , 100,	7.4	2
308	Measurement of the spin of the $\Upsilon(1530)$ resonance. <i>Physical Review D</i> , 2008 , 78,	4.9	13
307	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\bar{u}} \rightarrow D^* K_{\bar{u}}$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	7
306	Evidence for CP violation in $B_0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
305	Measurement of the branching fractions of exclusive $B \rightarrow D^{(*)}(\pi) \ell^+ \ell^-$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 100, 151802	7.4	20
304	Evidence for direct CP violation from Dalitz-plot analysis of $B_{\bar{u}} \rightarrow K_{\bar{u}} \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	58
303	Measurements of $B(B_{\bar{u}} \rightarrow \bar{u} \rho^0)$ and $B(B_{\bar{u}} \rightarrow \bar{u} \pi^0)$ and studies of $\bar{u} \pi^0$ resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47
302	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K_1^{+/-}$ and $B^{+/-} \rightarrow \phi K_2^{*+/-}$. <i>Physical Review Letters</i> , 2008 , 101, 161801	7.4	21
301	Searches for B meson decays to $\phi \pi^0$, $\phi \rho^0$, $\phi f_0(980)$, and $f_0(980) f_0(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8
300	Observation of tree-level B decays with $s\bar{s}$ production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
299	Measurement of the CP asymmetry in $b \rightarrow s \gamma$ using a sum of exclusive final states. <i>Physical Review Letters</i> , 2008 , 101, 171804	7.4	9
298	Observation of $B_{(s)} \rightarrow K_{(s)} K_{(s)}$ and Search for $B_{(s)} \rightarrow K_{(s)} K_{(s)}$. <i>Physical Review Letters</i> , 2008 , 100, 081801	7.4	21
297	Observation of $Y(3940) \rightarrow J/\psi \omega$ in $B \rightarrow J/\psi \omega K$ at BABAR. <i>Physical Review Letters</i> , 2008 , 101, 082001	7.4	111

296	Measurements of $B \rightarrow \{\pi, \eta, \eta', \dots\} \nu_{\ell}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22
295	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> , 2008 , 101, 261802	7.4	28
294	Search for CPT and Lorentz violation in B_0 - B_0 oscillations with dilepton events. <i>Physical Review Letters</i> , 2008 , 100, 131802	7.4	45
293	Search for lepton flavor violating decays $\tau_{\ell} \rightarrow \ell + \omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15
292	Study of B meson decays with excited η and η' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
291	Measurement of decay amplitudes of $B \rightarrow J/\psi, \psi(2S) K^*$, and $B_1 K^*$ with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	33
290	Observation of $B \rightarrow \eta' K_0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4.9	7
289	Study of $B_0 \rightarrow \eta\eta, B_0 \rightarrow \eta\eta'$, and $B_0 \rightarrow K_0\eta$ decays, and isospin analysis of $B \rightarrow \eta$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
288	Study of the exclusive initial-state-radiation production of the $D\bar{D}^*$ system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
287	Inclusive η' production in e^+e^- annihilations at $\sqrt{s}=10.54$ GeV and in $\psi(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
286	Measurement of the $B \rightarrow K_0\eta'$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
285	Search for prompt production of η' and $X(3872)$ in e^+e^- annihilations. <i>Physical Review D</i> , 2007 , 76,	4.9	2
284	Search for the decay $B \rightarrow K_0^*(892) K^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	9
283	Measurement of the relative branching fractions of $B \rightarrow D/D^*/D^{**} \ell$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2007 , 76,	4.9	9
282	Search for neutral B-meson decays to $a_0 \eta, a_0 K, \eta$, and η' . <i>Physical Review D</i> , 2007 , 75,	4.9	10
281	Measurement of CP asymmetry in $B_0 \rightarrow K_S \eta\eta'$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10
280	Search for $D_0 D_0^*$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , 2007 , 76,	4.9	28
279	Search for the reactions $e^+e^- \rightarrow \eta'$ and $e^+e^- \rightarrow \eta'$. <i>Physical Review D</i> , 2007 , 75,	4.9	8

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276	$e^+e^- \rightarrow K^+K^0K^+K^0$ and $K^+K^0K^+K^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86
275	Measurement of the $B^0 \rightarrow \eta$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
274	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^*+D^*0$. <i>Physical Review D</i> , 2007 , 76,	4.9	7
273	Measurement of CP asymmetries in $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	5
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268	Measurement of B decays to ηK^0 . <i>Physical Review D</i> , 2007 , 75,	4.9	7
267	Study of $e^+e^- \rightarrow \pi^+ \pi^0, \pi^+ \pi^+ \pi^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
266	Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to $K^0, \bar{K}^0, K^+K^-, K^+K^0, K^+K^+$, and η . <i>Physical Review D</i> , 2007 , 76,	4.9	14
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264	Study of $B^0 \rightarrow \eta \pi^0$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2007 , 76,	4.9	46
263	Amplitude analysis of the $B^+ \rightarrow \phi K^*(892)^+ \pi^0$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
262	Observation of the decay $B^+ \rightarrow K^+ K^0 \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
261	Improved limits on the lepton-flavor violating decays $\tau^+ \rightarrow \mu^+ \nu_\tau \nu_\mu$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36

260	Measurements of CP-violating asymmetries in the decay $B_0 \rightarrow K+K-K_0$. <i>Physical Review Letters</i> , 2007 , 99, 161802	7.4	32
259	Evidence for charged B meson decays to $a_{1\pm} \pi^0$ and $a_1(0) \pi^{\pm}$. <i>Physical Review Letters</i> , 2007 , 99, 261801	7.4	12
258	Measurement of CP-violating asymmetries in $B_0 \rightarrow \rho^0 \rho^0$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
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256	Search for $b \rightarrow u$ transitions in $B_{\pm} \rightarrow [K+0] DK^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	4
255	Search for $B^+ \rightarrow \mu^+ \nu$. <i>Physical Review D</i> , 2007 , 76,	4.9	39
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253	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi^0$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
252	Measurement of the CP asymmetry and branching fraction of $B_0 \rightarrow \rho^0 K_0$. <i>Physical Review Letters</i> , 2007 , 98, 051803	7.4	6
251	Improved measurement of CP violation in neutral B decays to $cc\bar{s}$. <i>Physical Review Letters</i> , 2007 , 99, 171803	7.4	31
250	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$. <i>Physical Review Letters</i> , 2007 , 99, 201801	7.4	12
249	Amplitude analysis of the decay $D_0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	24
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246	Measurement of the Time-Dependent CP Asymmetry in $B_{\pm} \rightarrow D_{\pm}^0 \rho^0$ Decays. <i>Physical Review Letters</i> , 2007 , 99, 081801	7.4	8
245	Observation of CP violation in $B(0) \rightarrow K^{(\pm)} \pi^{(\mp)}$ and $B(0) \rightarrow \pi^{(\pm)} \pi^{(\mp)}$. <i>Physical Review Letters</i> , 2007 , 99, 021603	7.4	54
244	Measurement of the pseudoscalar decay constant f_D s using charm-tagged events in e^+e^- collisions at square root $s=10.58 \text{ GeV}$. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39
243	Search for lepton flavor violating decays $\tau^{(\pm)} \rightarrow l^{(\pm)} \pi^0$, $l^{(\pm)} \eta$, $l^{(\pm)} \eta'$. <i>Physical Review Letters</i> , 2007 , 98, 061803	7.4	33

242	Search for the rare decay $B \rightarrow \pi l^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 051801	7.4	17
241	Measurement of $\cos 2\beta$ in $B_{(s)} \rightarrow D_{(s)}^* h_{(s)}$ decays with a time-dependent Dalitz plot analysis of $D \rightarrow K_{(s)} \pi_{(s)} \pi_{(s)}$. <i>Physical Review Letters</i> , 2007 , 99, 231802	7.4	17
240	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{(s)} \rightarrow D \pi \pi K_{(s)}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	31
239	Vector-tensor and vector-vector decay amplitude analysis of $B_0 \rightarrow \rho K^*$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
238	Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7.4	7
237	Evidence for D_0 - \bar{D}_0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
236	Production and decay of Ω_c^0 . <i>Physical Review Letters</i> , 2007 , 99, 062001	7.4	21
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233	Observation of $B \rightarrow \eta' K^*$ and evidence for $B^+ \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
232	Branching fraction measurements of $B^+ \rightarrow \rho^+ \gamma$, $B_0 \rightarrow \rho^0 \gamma$, and $B_0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 151802	7.4	22
231	Measurement of CP-violating asymmetries in $B_0 \rightarrow D^{*+} D^{-}$. <i>Physical Review Letters</i> , 2007 , 99, 071801	7.4	19
230	Measurements of CP-violating asymmetries in $B_0 \rightarrow a_1^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2007 , 98, 181803	7.4	25
229	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
228	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$. <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
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226	Measurement of the hadronic form factor in $D_0 \rightarrow K \bar{B}$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
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221	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of Vub . <i>Physical Review D</i> , 2006 , 73,	4.9	40
220	Measurements of the absolute branching fractions of B+/- --> K+/-X(cc). <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
219	Structure at 2175 MeV in e+eB?f0(980) observed via initial-state radiation. <i>Physical Review D</i> , 2006 , 74,	4.9	102
218	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a K* meson. <i>Physical Review Letters</i> , 2006 , 97, 201802	7.4	18
217	Measurements of neutral B decay branching fractions to KS0Final states and the charge asymmetry of B0->K*+Physical Review D, 2006 , 73,	4.9	26
216	Measurement of the B lifetime and the B0B oscillation frequency using partially reconstructed B0->D*+Decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
215	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in B->rhoK* and B->f0(980)K* decays. <i>Physical Review Letters</i> , 2006 , 97, 201801	7.4	41
214	Observation of Upsilon(4S) decays to pi(+)pi(-)Upsilon(1S) and pi(+)pi(-)Upsilon(2S). <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39
213	Study of e+eB?pp using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
212	Measurement of the B->pi l nu branching fraction and determination of absolute value of V(ub) with tagged B mesons. <i>Physical Review Letters</i> , 2006 , 97, 211801	7.4	36
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203	Measurement of the absolute branching fractions $B \rightarrow D \pi^* \pi^{**}$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
202	Measurement of the branching fraction and photon energy moments of $B \rightarrow X_s \gamma$ and $A(\text{CP})(B \rightarrow X(s+d \gamma))$. <i>Physical Review Letters</i> , 2006 , 97, 171803	7.4	52
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200	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
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198	Observation of B_0 meson decay to a $1 +/(1260)\pi /+$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
197	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)} D^{(*)}$, and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review D</i> , 2006 , 73,	4.9	20
196	Study of the decay $B_{\pi} \rightarrow D^* \pi$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
195	Search for the decay $B_0 \rightarrow K_S^0 K_S^0 K_L^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
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193	Measurement of the $B_{\pi} \rightarrow D^0 K^*$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
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188	Measurement of the branching fraction and time-dependent CP asymmetry in the decay $B^0 \rightarrow D^{*+} D^{*-} K_S^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
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182	Search for the decay of a B^0 or B^0 meson to $K^* K^0$ or $K^* K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
181	Measurements of CP-violating asymmetries and branching fractions in B decays to K and π . <i>Physical Review D</i> , 2006 , 74,	4.9	10
180	Branching fraction limits for B^0 decays to $\pi^+ \pi^-$ and π . <i>Physical Review D</i> , 2006 , 73,	4.9	12
179	Measurement of $B^0 \rightarrow D^{(*)} K^0 K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
178	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^+)$. <i>Physical Review D</i> , 2006 , 74,	4.9	8
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174	Measurements of the $B \rightarrow D^*$ form factors using the decay $B^0 \rightarrow D^{*+} e^- \pi$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
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171	Study of $B \rightarrow D^{(*)} D_s(J)^*$ decays and measurement of D_{s1} and $D_{sJ}(2460)$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29

170	Search for the decay $B^+ \rightarrow \mu^+ \mu^0$ <i>Physical Review D</i> , 2006 , 73,	4.9	12
169	Observation of the exclusive reaction $e^+e^- \rightarrow \tau^+ \tau^-$ at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
168	Search for B meson decays to $\mu^+ K$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
167	Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , 2006 , 74,	4.9	106
166	Search for the charmed pentaquark candidate $\Xi(3100)0$ in e^+e^- annihilations at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 73,	4.9	10
165	Search for the decay $B^0 \rightarrow a_1 \mu^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
164	Measurement of CP observables for the decays $B^{\pm} \rightarrow DCP^0 K^{\pm}$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
163	Search for the decay $\Xi \rightarrow 3\pi \mu^0$ <i>Physical Review D</i> , 2006 , 73,	4.9	4
162	B meson decays to K^* , ρ^0 , and ω . <i>Physical Review D</i> , 2006 , 74,	4.9	14
161	Search for the rare decay $B^0 \rightarrow D^*0$ <i>Physical Review D</i> , 2005 , 72,	4.9	1
160	Measurement of the total width, the electronic width, and the mass of the $\Upsilon(10580)$ resonance. <i>Physical Review D</i> , 2005 , 72,	4.9	23
159	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi A$ measurement of $\cos 2\phi$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
158	Amplitude analysis of the decay $B^{\pm} \rightarrow \pi^{\pm} \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	30
157	Search for the rare decays $B^+ \rightarrow D^{(*)} K^0 S^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	5
156	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$ <i>Physical Review D</i> , 2005 , 72,	4.9	18
155	Search for the radiative decay $B^0 \rightarrow \gamma \mu^0$ <i>Physical Review D</i> , 2005 , 72,	4.9	6
154	Measurements of B meson decays to K^* and ρ <i>Physical Review D</i> , 2005 , 71,	4.9	5
153	Measurement of the $B^+ \rightarrow p p^0 K^+$ branching fraction and study of the decay dynamics. <i>Physical Review D</i> , 2005 , 72,	4.9	65

152	Study of $B \rightarrow \bar{c}d$ and $B \rightarrow \bar{c}s$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4.9	27
151	Measurement of the $B^0 \rightarrow D^{*+} \pi^0$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12
150	$e^+e^- \rightarrow \mu^+\mu^- K^+K^-$ and $K^+K^- K^+K^-$ cross sections at center-of-mass energies 0.5–1.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
149	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
148	Measurement of CP observables for the decays $B^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	12
147	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^+ K^-$ and $B^0 \rightarrow D^{*0} K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	19
146	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
145	Evidence for the decay $B^0 \rightarrow K^{*0} \pi^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	10
144	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> , 2005 , 71,	4.9	71
143	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> , 2005 , 71,	4.9	19
142	Study of the $B \rightarrow 3h$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
141	Measurement of CP asymmetries in $B^0 \rightarrow \pi^+ K^0$ and $B^0 \rightarrow K^+ K_S^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36
140	Search for the decay $B \rightarrow 4\pi(0)$. <i>Physical Review D</i> , 2005 , 72,	4.9	9
139	Measurement of the branching fraction and decay rate asymmetry of $B^0 \rightarrow D^0 K^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
138	Dalitz-plot analysis of the decays $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	89
137	Study of $b \rightarrow c$ interference in the decay $B^0 \rightarrow [K^+ \pi^-] D K^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	8
136	Study of the $B^0 \rightarrow J/\psi K^0$ decay and measurement of the $B^0 \rightarrow X(3872) K^0$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
135	Measurement of the $B^0 \rightarrow D^{*+} D_s^{*+}$ and $D_s^{*+} \rightarrow \pi^0$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25

134	Measurement of double charmonium production in e^+e^- annihilations at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2005 , 72,	4.9	136
133	Search for CP violation and a measurement of the relative branching fraction in $D^+ \rightarrow K^0 K^+ \pi^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
132	Measurement of the branching ratios $\mathcal{B}(D_s^{*+} \rightarrow D_s^+ \pi^0) / \mathcal{B}(D_s^{*+} \rightarrow D_s^+ \pi^+ \pi^-)$ and $\mathcal{B}(D^{*0} \rightarrow D^0 \pi^0) / \mathcal{B}(D^{*0} \rightarrow D^0 \pi^+ \pi^-)$. <i>Physical Review D</i> , 2005 , 72,	4.9	11
131	Measurement of the ratio $\mathcal{B}(B^+ \rightarrow D^0 K^+) / \mathcal{B}(B^+ \rightarrow D^0 \pi^+)$ and of the CP asymmetry of $B^+ \rightarrow D^0 K^+ \pi^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
130	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
129	Precision measurement of the Λ_b^+ baryon mass. <i>Physical Review D</i> , 2005 , 72,	4.9	30
128	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^* D^{*-}$. <i>Physical Review Letters</i> , 2005 , 95, 151804	7.4	9
127	Search for the rare leptonic decay $B \rightarrow \tau \nu_\tau$. <i>Physical Review Letters</i> , 2005 , 95, 041804	7.4	14
126	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , 2005 , 95, 111801	7.4	20
125	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B^0 B^0$. <i>Physical Review Letters</i> , 2005 , 95, 042001	7.4	12
124	Measurements of the branching fraction and CP-violation asymmetries in $B^0 \rightarrow f_0(980) K^0 S$. <i>Physical Review Letters</i> , 2005 , 94, 041802	7.4	20
123	Limit on the $B^0 \rightarrow \rho^0 \rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2005 , 94, 131801	7.4	20
122	Branching fraction and CP asymmetries of $B^0 \rightarrow K^0(S) K^0(S) K^0(S)$. <i>Physical Review Letters</i> , 2005 , 95, 011801	7.4	12
121	Measurements of the $B \rightarrow X_s \gamma$ branching fraction and photon spectrum from a sum of exclusive final states. <i>Physical Review D</i> , 2005 , 72,	4.9	86
120	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^*)$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
119	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	23
118	Observation of a broad structure in the $\pi^+ \pi^- J/\psi$ mass spectrum around 4.26 GeV/c ² . <i>Physical Review Letters</i> , 2005 , 95, 142001	7.4	526
117	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} / - D^{(*)-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7

116	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> , 2005 , 94, 011801	7.4	11
115	Production and decay of $\chi(c)0$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
114	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
113	Improved measurements of CP-violating asymmetry amplitudes in $B0\rightarrow\pi^+\pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 151803	7.4	26
112	Measurement of branching fractions and charge asymmetries in B^+ decays to $\eta\pi^+$, ηK^+ , $\eta\rho^+$, and $\eta'\pi^+$, and search for $B0$ decays to $\eta K0$ and $\eta\omega$. <i>Physical Review Letters</i> , 2005 , 95, 131803	7.4	16
111	Measurements of branching fractions and time-dependent CP-violating asymmetries in $B\rightarrow\eta'K$ decays. <i>Physical Review Letters</i> , 2005 , 94, 191802	7.4	36
110	Search for lepton flavor violation in the decay $\tau_{+/-}\rightarrow\mu^+\gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
109	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B0(B)\rightarrow\rho^+\rho^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	31
108	Measurements of branching fractions and Dalitz distributions for $B0\rightarrow D^{*+/-}K0\pi^+/-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 171802	7.4	3
107	Evidence for $B^+\rightarrow K0K^+$ and $B0\rightarrow K0K0$, and measurement of the branching fraction and search for direct CP violation in $B^+\rightarrow K0\pi^+$. <i>Physical Review Letters</i> , 2005 , 95, 221801	7.4	8
106	Search for factorization-suppressed $B\rightarrow\chi(c)K^{(*)}$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
105	Branching fractions and CP asymmetries in $B0\rightarrow\pi0\pi0$, $B^+\rightarrow\pi^+\pi0$, and $B^+\rightarrow K^+\pi0$ decays and isospin analysis of the $B\rightarrow\pi\pi$ system. <i>Physical Review Letters</i> , 2005 , 94, 181802	7.4	36
104	Search for decays of $B0\rightarrow e^+e^-$, $B0\rightarrow\mu^+\mu^-$, $B0\rightarrow e^+/\mu^-$. <i>Physical Review Letters</i> , 2005 , 94, 221803	7.4	12
103	Search for the decay $B^+\rightarrow K^+\nu\nu$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7.4	34
102	Search for strange-pentaquark production in e^+e^- annihilation at $\sqrt{s}=10.58$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 042002	7.4	27
101	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B0B0$ oscillations. <i>Physical Review D</i> , 2004 , 70,	4.9	36
100	Bound on the ratio of decay amplitudes for $-B0\rightarrow J/\psi K^0$ and $B0\rightarrow J/\psi K^0$. <i>Physical Review Letters</i> , 2004 , 93, 081801	7.4	4
99	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4.9	34

98	Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2004 , 92, 071802	7.4	35
97	Study of the $e^+e^- \rightarrow B^0$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004 , 70,	4.9	122
96	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)\pm} \pi^\mp$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7.4	12
95	Study of the decay $B^0(B^-) \rightarrow \rho^+\rho^-$, and constraints on the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2004 , 93, 231801	7.4	35
94	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^{*0} \gamma (K^{*0} \rightarrow K(0) \pi^0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 201801	7.4	13
93	Measurement of branching fractions of color-suppressed decays of the B^0 meson to $D^{(*)0} \pi^0$, $D^{(*)0} \pi^0 \pi^0$ and $D^0 \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	20
92	Measurement of the branching fraction for $B^0 \rightarrow \rho^0 K^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
91	Search for lepton-flavor violation in the decay $\tau^- \rightarrow l^- l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 92, 121801	7.4	65
90	Measurements of CP-violating asymmetries in $B^0 \rightarrow K(0)(s) \pi^0$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131805	7.4	18
89	Study of high momentum η' production in $B \rightarrow \eta' X$ s. <i>Physical Review Letters</i> , 2004 , 93, 061801	7.4	10
88	Search for B^0 decays to invisible final states and to $n \nu \gamma$. <i>Physical Review Letters</i> , 2004 , 93, 091802	7.4	10
87	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> , 2004 , 92, 061801	7.4	18
86	Observation of a narrow meson decaying to $D_s^+ D^0$ at a mass of $2.458 \text{ GeV}/c^2$. <i>Physical Review D</i> , 2004 , 69,	4.9	71
85	Measurement of the B^+/B^0 production ratio from the $\Upsilon(4S)$ meson using $B^{+-} \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	31
84	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
83	Branching fractions and CP asymmetries in $B^0 \rightarrow K^+ K^- K^0 S$ and $B^{+-} \rightarrow K^+ K^0 S K^0 S$. <i>Physical Review Letters</i> , 2004 , 93, 181805	7.4	15
82	Measurement of branching fractions and charge asymmetries in $B^{+-} \rightarrow \rho^+ \pi^-$ and $B^{+-} \rightarrow \rho^0 \pi^+$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 051802	7.4	24
81	Search for B-meson decays to two-body final states with $a_0(980)$ mesons. <i>Physical Review D</i> , 2004 , 70,	4.9	13

80	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	9.4	25
79	Observation of the decay $B^0 \rightarrow \pi^0 \pi^0$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
78	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$ <i>Physical Review D</i> , 2004 , 70,	4.9	47
77	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> , 2004 , 92, 181801	7.4	30
76	Search for the rare leptonic decay $B^+ \rightarrow \mu^+ \nu(\mu)$. <i>Physical Review Letters</i> , 2004 , 92, 221803	7.4	5
75	Observation of the decay $B \rightarrow J/\psi \eta$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
74	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 111801	7.4	7
73	Measurements of neutral B decay branching fractions to KS^0 final states. <i>Physical Review D</i> , 2004 , 70,	4.9	2
72	Measurement of the average Γ multiplicity in B meson decay. <i>Physical Review D</i> , 2004 , 69,	4.9	1
71	Determination of the Branching Fraction for $B \rightarrow X_c \pi$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , 2004 , 93,	7.4	57
70	Measurements of branching fractions in $B \rightarrow \bar{K}^0$ and $B \rightarrow \bar{K}^*$ and search for direct CP violation in $B \rightarrow \bar{K}^0 \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	17
69	Study of $B^+ \rightarrow J/\psi \pi^+$ and $B^+ \rightarrow J/\psi K^+$ decays: measurement of the ratio of branching fractions and search for direct CP violation. <i>Physical Review Letters</i> , 2004 , 92, 241802	7.4	13
68	Measurement of the branching fractions for inclusive B^0 and $B^+ \rightarrow D^0$ decays to flavor-tagged D, Ds, and \bar{D} . <i>Physical Review D</i> , 2004 , 70,	4.9	9
67	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D^0 \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 93, 191801	7.4	14
66	Study of $B \rightarrow D^{(*)} J^+ \rightarrow D^{(*)} \pi^+$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
65	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> , 2004 , 92, 201802	7.4	12
64	Search for $D^0 \bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
63	Branching fraction measurements of $B \rightarrow \bar{K}^0 K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9

62	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> , 2004 , 93, 131804	7.4	5
61	Measurement of the branching fraction and polarization for the decay $B^+ \rightarrow D^*0K^{*-}$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
60	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , 2004 , 93, 071801	7.4	17
59	Measurement of $\sin^2\alpha$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
58	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> , 2004 , 92, 251802	7.4	12
57	Measurements of the branching fractions of charged B decays to $K^0\pi^0$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23
56	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e \ell$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	59
55	Measurement of the $B^0 \rightarrow K_2^*(1430)0$ and $B^+ \rightarrow K_2^*(1430)^+$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
54	Measurement of the branching fraction for $B^0 \rightarrow D^0 K^*$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
53	Search for the decay $B^0 \rightarrow J/\psi$. <i>Physical Review D</i> , 2004 , 70,	4.9	9
52	J/ψ 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> , 2004 , 69,	4.9	44
51	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> , 2004 , 92, 202002	7.4	10
50	Search for the decay $B^0 \rightarrow \rho^+\rho^-$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
49	Measurements of the mass and width of the $\eta(c)$ meson and of an $\eta(c)(2S)$ candidate. <i>Physical Review Letters</i> , 2004 , 92, 142002	7.4	76
48	B meson decays to $(\rho)K^*$, $(\rho)\pi(\rho)0$, 0 , and 0 . <i>Physical Review D</i> , 2004 , 70,	4.9	56
47	Measurement of the $B^0 \rightarrow J/\psi \pi^+\pi^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 90, 091801	7.4	11
46	Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta'K$. <i>Physical Review Letters</i> , 2003 , 91, 161801	7.4	33
45	Study of time-dependent CP asymmetry in neutral B decays to $J/\psi \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 061802	7.4	9

44	Observation of a narrow meson state decaying to $D^{(*)}(s)\pi^0$ at a mass of 2.32 GeV/c ² . <i>Physical Review Letters</i> , 2003 , 90, 242001	7.4	509
43	Observation of a significant excess of $\pi^0\pi^0$ events in B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 241801	7.4	34
42	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^{(\pm)}h^{(\mp)}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46
41	Measurement of the B^0 meson lifetime with partial reconstruction of $B^0 \rightarrow D^{*0}\pi^0$ and $B^0 \rightarrow D^{*0}\pi^+$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	5
40	Measurement of $B^0 \rightarrow D_s^{(*)}D^{*0}$ branching fractions and $B^0 \rightarrow D_s^{*+}D^{*0}$ polarization with a partial reconstruction technique. <i>Physical Review D</i> , 2003 , 67,	4.9	14
39	Measurement of the branching fractions for the exclusive decays of B^0 and B^+ to $D^{(*)}D^{(*)}K$. <i>Physical Review D</i> , 2003 , 68,	4.9	21
38	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , 2003 , 67,	4.9	24
37	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-}D^{-/+}$. <i>Physical Review Letters</i> , 2003 , 90, 221801	7.4	15
36	Simultaneous measurement of the B^0 meson lifetime and mixing frequency with $B^0 \rightarrow D^{*0}\pi^0$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	10
35	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
34	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element V_{ub} with $B \rightarrow \rho^0 \nu$ decays. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	22
33	Rare B decays into states containing a J/ψ meson and a meson with $s^{(-)}s$ quark content. <i>Physical Review Letters</i> , 2003 , 91, 071801	7.4	17
32	Study of the rare decays $B^0 \rightarrow D^{(*)+}(s)\pi^-$ and $B^0 \rightarrow D^{(*)-}(s)K^+$. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	23
31	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
30	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{(*)+}D^{*-}$. <i>Physical Review Letters</i> , 2003 , 91, 131801	7.4	13
29	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> , 2003 , 91, 021801	7.4	26
28	Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays. <i>Physical Review Letters</i> , 2003 , 91, 051801	7.4	19
27	Evidence for $B^{+/-} \rightarrow J/\psi \pi^{(-)}\Lambda$; and search for $B^0 \rightarrow J/\psi \pi^{(-)}p$. <i>Physical Review Letters</i> , 2003 , 90, 231801	7.4	13

26	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 479, 1-116	1.2	1077
25	Measurement of D_s^+ and D_s^{*+} production in B meson decays and from continuum e^+e^- annihilation at $s=10.6$ GeV. <i>Physical Review D</i> , 2002 , 65,	4.9	13
24	Measurement of B^0 - B^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	7.4	24
23	Search for T and CP violation in B^0 - B^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 231801	7.4	20
22	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , 2002 , 65,	4.9	16
21	Study of CP-violating asymmetries in $B^0 \rightarrow \pi^0 K^+ K^-$ decays. <i>Physical Review D</i> , 2002 , 65,	4.9	10
20	Measurement of the branching fraction and CP content for the decay $B^0 \rightarrow D^{(*)+} D^{(*)-}$. <i>Physical Review Letters</i> , 2002 , 89, 061801	7.4	7
19	Search for the rare decays $B \rightarrow K l^{(+)} l^{(-)}$ and $B \rightarrow K^{(*)} l^{(+)} l^{(-)}$. <i>Physical Review Letters</i> , 2002 , 88, 241801	7.4	23
18	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
17	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the $\Upsilon(4S)$. <i>Physical Review D</i> , 2002 , 66,	4.9	129
16	Study of $B_{\bar{d}} \rightarrow J/\psi \bar{d}$ and $B_{\bar{d}} \rightarrow J/\psi \bar{K}^0$ decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries. <i>Physical Review D</i> , 2002 , 65,	4.9	5
15	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002 , 65,	4.9	51
14	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
13	Measurement of the $B(0)$ lifetime with partially reconstructed $B(0) \rightarrow D^{(-)} l^{(+)} \nu(l)$ decays. <i>Physical Review Letters</i> , 2002 , 89, 011802	7.4	10
12	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$, $K^+ \pi^-$, $K^+ K^-$ decays. <i>Physical Review Letters</i> , 2002 , 89, 281802	7.4	119
11	Measurement of the B^0 - B^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
10	Measurement of J/ψ production in continuum $e^{(+)}e^{(-)}$ annihilations near square root of $s = 10.6$ GeV. <i>Physical Review Letters</i> , 2001 , 87, 162002	7.4	50
9	Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates. <i>Physical Review Letters</i> , 2001 , 86, 2515-22	7.4	100

8	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46
7	Measurement of the $B(0)$ and $B(+)$ meson lifetimes with fully reconstructed hadronic final states. <i>Physical Review Letters</i> , 2001 , 87, 201803	7.4	15
6	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> , 2001 , 87, 151802	7.4	46
5	Measurement of the branching fractions for $(\bar{D}S) \rightarrow e^+e^-$ and $(\bar{D}S) \rightarrow \mu^+\mu^-$ <i>Physical Review D</i> , 2001 , 65,	4.9	5
4	Observation of CP violation in the $B(0)$ meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373
3	Measurement of the decays $B \rightarrow \phi K$ and $B \rightarrow \phi K^*$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4	31
2	Search for the decay $B_0 \rightarrow \gamma\gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
1	Measurements of the branching fractions of exclusive charmless B meson decays with $\eta(')$ or ω mesons. <i>Physical Review Letters</i> , 2001 , 87, 221802	7.4	39