

Eleonora Luppi

List of Publications by Citations

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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.

579
papers

20,526
citations

68
h-index

111
g-index

589
ext. papers

22,901
ext. citations

5.4
avg, IF

5.89
L-index

#	Paper	IF	Citations
579	Observation of J/ψ Resonances Consistent with Pentaquark States in $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
578	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
577	Evidence for an excess of $B \rightarrow D^* \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
576	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
575	Measurement of an excess of $B \rightarrow D^* \mu^+ \mu^-$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	340
574	Searches for Lepton flavor violation in the decays $\tau^{\pm} \rightarrow e^{\pm} \gamma$ and $\tau^{\pm} \rightarrow \mu^{\pm} \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328
573	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
572	Measurement of the ratio of branching fractions $B(B^0 \rightarrow D^{*+} \mu^-) / B(B^0 \rightarrow D^{*+} \mu^-)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
571	Measurement of the $B \rightarrow D$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246
570	Search for a dark photon in e^+e^- collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
569	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
568	Evidence of a broad structure at an invariant mass of 4.32 GeV/c ² in the reaction $e^+e^- \rightarrow \pi^+\pi^-\psi(2S)$ measured at BABAR. <i>Physical Review Letters</i> , 2007 , 98, 212001	7.4	200
567	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
566	Study of $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
565	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
564	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142
563	Determination of the electric and magnetic form factors of the proton in the time-like region. <i>Nuclear Physics B</i> , 1994 , 411, 3-32	2.8	140

562	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
561	Evidence for $X(3872) \rightarrow \psi(2S)\gamma$ in $B(+/-) \rightarrow X(3872)K(+/-)$ decays and a study of $B \rightarrow cc[\text{over } \gamma]K$. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
560	Observation of the bottomonium ground state in the decay $Upsilon(3S) \rightarrow \gamma \eta_{cb}$. <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
559	Observation of the 1P1 state of charmonium. <i>Physical Review Letters</i> , 1992 , 69, 2337-2340	7.4	128
558	Measurements of $e^+e^- \rightarrow K^+K^-K^0\bar{K}^0$, and $K_S^0K^0\bar{K}^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , 2008 , 77,	4.9	127
557	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
556	Search for lepton flavor violation in the decay $\tau_{+/-} \rightarrow \mu^+ \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
555	Evidence for the decay $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2010 , 82,	4.9	119
554	Observation of a new D_s meson decaying to DK at a mass of 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117
553	Search for doubly charmed baryons $\bar{c}c^+$ and $\bar{c}c^{++}$ in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
552	Observation of new resonances decaying to $D\bar{K}$ and $D^*\bar{K}$ in inclusive e^+e^- collisions near $s=10.58$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	111
551	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
550	The $e^+e^- \rightarrow 2(\eta)\eta, 2(\eta)\eta K^+K^-$ and $K^+K^-\eta\eta$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	111
549	Precise measurement of the $e^+e^- \rightarrow \eta\eta$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110
548	$e^+e^- \rightarrow \eta\eta K^+K^-$ and $K^+K^-\eta\eta$ cross sections at center-of-mass energies 0.5-4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
547	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
546	The $e^+e^- \rightarrow 3(\eta)\eta, 2(\eta)\eta$ and $K^+K^-\eta\eta$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2006 , 73,	4.9	107
545	Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2006 , 74,	4.9	106

544	Proton electromagnetic form factors in the timelike region from 8.9 to 13.0 GeV ² . <i>Physical Review Letters</i> , 1993 , 70, 1212-1215	7.4	106
543	Study of resonances in exclusive B decays to $D\pi^{(*)}D^{(*)}K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
542	Observation of a Charmed Baryon Decaying to $D\pi^0 p$ at a Mass Near 2.94 GeV/c ² . <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
541	Observation of time-reversal violation in the B ₀ meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	7.4	96
540	Search for lepton flavor violation in the decay $\tau^+ \rightarrow e^+ \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
539	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
538	Measurement of the $B \rightarrow \pi$ and $B \rightarrow \rho$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
537	Study of D _s J decays to D*K in inclusive e^+e^- interactions. <i>Physical Review D</i> , 2009 , 80,	4.9	86
536	$e^+e^- \rightarrow K^+K^0 \pi^+K^0$ and $K^+K^0 \pi^+K^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86
535	Observation of an excited charm baryon Omega c* decaying to Omega c ⁰ gamma. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
534	Measurement of time-dependent CP asymmetry in B ₀ → cc ⁰ K ^(*) 0 decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
533	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007	7.4	83
532	Updated measurements of exclusive J/ψ and (ψ') production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
531	Measurement of branching fractions and rate asymmetries in the rare decays B → K ^(*) π. <i>Physical Review D</i> , 2012 , 86,	4.9	82
530	Study of $e^+e^- \rightarrow \pi^0 \pi^0 \pi^0$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
529	Search for B → K ^(*) π and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
528	Determination of the quark coupling strength V _{ub} using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	7.4	79
527	Evidence for the decay . <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79

526	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
525	Observation of the semileptonic decays $B \rightarrow D^* \tau \nu$ and evidence for $B \rightarrow D \tau \nu$. <i>Physical Review Letters</i> , 2008 , 100, 021801	7.4	79
524	Study of $e^+e^- \rightarrow \rho^0 \pi^0$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
523	Study of $B \rightarrow \rho^0 \pi^0$ and $B \rightarrow \rho^{\pm} \pi^{\mp}$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76
522	Study of the X(3872) and Y(4260) in $B^0 \rightarrow J/\psi \pi^0$ and $B^{\pm} \rightarrow J/\psi \pi^{\pm}$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
521	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
520	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
519	Exclusive initial-state-radiation production of the $D\bar{D}^0$, $D^* \bar{D}^0$, and $D^* \bar{D}^{*0}$ systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
518	Study of $B \rightarrow X(3872) K$, with $X(3872) \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	75
517	Study of the exclusive initial-state-radiation production of the $D\bar{D}^0$ system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
516	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K^0$. A measurement of $\cos 2\phi_1$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
515	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
514	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
513	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
512	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
511	Evidence for the eta(b)(1S) meson in radiative Upsilon(2S) decay. <i>Physical Review Letters</i> , 2009 , 103, 161801	7.4	67
510	Measurement of the $B \rightarrow X_s \mu^+ \mu^-$ 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
509	Study of the χ and ψ charmonium states formed in p annihilations. <i>Nuclear Physics B</i> , 1992 , 373, 35-54	2.8	66

508	Evidence of $B^+ \rightarrow \mu^+ \mu^0$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
507	Search for $B^+ \rightarrow \mu^+ \mu^0$ recoiling against $B \rightarrow D^0 X$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
506	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	63
505	Improved measurement of the CKM angle γ in $B^0 \rightarrow D^{(*)} K^{(*)}$ decays with a Dalitz plot analysis of D decays to $KS^0 \mu^+ \mu^-$ and $KS^0 K^+ K^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	63
504	Search for $B^+ \rightarrow \mu^+ \mu^0$ decays with hadronic B tags. <i>Physical Review D</i> , 2008 , 77,	4.9	62
503	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
502	Study of excited charm-strange baryons with evidence for new baryons $\Xi(3055)^+$ and $\Xi(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
501	Observation of the $\Xi(2P)$ meson in the reaction $\Xi \rightarrow DD$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
500	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
499	Measurements of the absolute branching fractions of $B^+ \rightarrow K^+ X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
498	Study of the reaction $e^+ e^- \rightarrow (2S) \mu^+ \mu^-$ via initial-state radiation at BaBar. <i>Physical Review D</i> , 2014 , 89,	4.9	59
497	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
496	Measurement of the Λ and Σ transition form factors at $q^2 = 112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59
495	Measurements of the magnetic form factor of the proton for timelike momentum transfers. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 559, 20-25	4.2	59
494	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
493	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- S^0$, $B^+ \rightarrow K^+ K^- K^+$, and $B^+ \rightarrow KS^0 KS^0 K^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
492	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
491	Evidence for direct CP violation from Dalitz-plot analysis of $B^0 \rightarrow K^+ \mu^- \mu^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	58

490	Results of a search for the $hc(P11)$ state of charmonium in the $\psi(3770)$ and J/ψ decay modes. <i>Physical Review D</i> , 2005 , 72,	4.9	58
489	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
488	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
487	Determination of the Branching Fraction for $B \rightarrow X_c D$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , 2004 , 93,	7.4	57
486	B meson decays to $\psi(3770)K^*$, $\psi(3770)\psi(3770)$, $\psi(3770)$, and $\psi(3770)$. <i>Physical Review D</i> , 2004 , 70,	4.9	56
485	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
484	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi^-\nu\tau$, and into $\phi K^-\nu\tau$. <i>Physical Review Letters</i> , 2008 , 100, 011801	7.4	55
483	Measurement of the J/ψ and $\psi(3770)$ resonance parameters in $p\bar{p}$ annihilation. <i>Physical Review D</i> , 1993 , 47, 772-783	4.9	55
482	Differential branching fraction and angular analysis of $B \rightarrow \psi(3770)\psi(3770)$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	54
481	Measurement of resonant and CP components in $B_s^0 \rightarrow J/\psi \psi(3770)$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
480	Observation of CP violation in $B(0) \rightarrow K^+\pi^-$ and $B(0) \rightarrow \pi^+\pi^-$. <i>Physical Review Letters</i> , 2007 , 99, 021603	7.4	54
479	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
478	Dalitz plot analysis of $B^0 \rightarrow D^0 \psi(3770)$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53
477	Measurement of the resonant and CP components in $B^0 \rightarrow J/\psi \psi(3770)$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
476	Study of $X(3915) \rightarrow J/\psi \pi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
475	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
474	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$. <i>Physical Review Letters</i> , 2006 , 97, 171805	7.4	52
473	Dalitz plot analysis of the decay $B^0 \rightarrow K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	52

472	Measurement of the branching fraction and photon energy moments of $B \rightarrow Xs \gamma$ and $A(\text{CP})(B \rightarrow X(s+d) \gamma)$. <i>Physical Review Letters</i> , 2006 , 97, 171803	7.4	52
471	Measurement of the $B^0 \rightarrow \pi^-(l^+ \nu)$ form-factor shape and branching fraction, and determination of $ V_{ub} $ with a loose neutrino reconstruction technique. <i>Physical Review Letters</i> , 2007 , 98, 091801	7.4	52
470	Measurement of the electromagnetic form factor of the proton in the time-like region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 334, 431-434	4.2	52
469	Search for a low-mass higgs boson in $Upsilon(3S) \rightarrow \gamma A(0)$, $A(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 181801	7.4	51
468	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
467	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
466	Evidence for $\bar{\Lambda}$ resonances in antiproton-proton annihilations at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 394-398	4.2	48
465	Measurements of $B(B^0 \rightarrow \bar{B}^0 p)$ and $B(B^+ \rightarrow \bar{B}^0 p)$ and studies of \bar{B}^0 resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47
464	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$ <i>Physical Review D</i> , 2004 , 70,	4.9	47
463	Study of $B^0 \rightarrow \pi^+ \pi^-$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2007 , 76,	4.9	46
462	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
461	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
460	Measurements of the semileptonic decays $B^0 \rightarrow D^0 \pi$ and $B^0 \rightarrow D^* \pi$ using a global fit to $D X \pi$ final states. <i>Physical Review D</i> , 2009 , 79,	4.9	43
459	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
458	Precision measurement of the $B \rightarrow Xs \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})(B \rightarrow X(s+d) \gamma)$ <i>Physical Review Letters</i> , 2012 , 109, 191801	7.4	43
457	Determination of the form factors for the decay $B^0 \rightarrow D^* \pi$ and of the CKM matrix element $ V_{cb} $. <i>Physical Review D</i> , 2008 , 77,	4.9	43
456	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
455	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \bar{B}^0 K^+$ and $B^+ \rightarrow \bar{B}^0 K^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42

454	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle β with $B^0 \rightarrow D^{(*)}K^{(*)}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801	7.4	42
453	Limits on μ pton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42
452	Dalitz plot analysis of $B_{\mu} \rightarrow \mu\mu\mu$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
451	Study of $B^0 \rightarrow \mu\mu$, $B_{\mu} \rightarrow \mu\mu$, and $B_{\mu} \rightarrow K\mu\mu$ decays, and isospin analysis of $B \rightarrow \mu\mu$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
450	Measurement of the $B \rightarrow K\mu\mu$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
449	Measurement of the hadronic form factor in $D^0 \rightarrow K\mu^+\mu^-$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
448	Measurement of the [Formula: see text] production cross-section in proton-proton collisions via the decay [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 311	4.2	41
447	Dalitz plot analysis of $B_{\mu} \rightarrow D^+\mu\mu$ <i>Physical Review D</i> , 2009 , 79,	4.9	41
446	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow \mu\mu\gamma$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41
445	Cross sections for the reactions $e^+e^- \rightarrow K^+K^-\mu^+\mu^-$, $K^+K^-\mu^+\mu^-$, and $K^+K^-\mu^+\mu^-$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4.9	41
444	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980)K^*$ decays. <i>Physical Review Letters</i> , 2006 , 97, 201801	7.4	41
443	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
442	Exclusive measurements of $b \rightarrow s\mu\mu$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
441	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. <i>Physical Review D</i> , 2006 , 73,	4.9	40
440	Vector-tensor and vector-vector decay amplitude analysis of $B^0 \rightarrow \phi K^*$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
439	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
438	Observation of B^0 meson decay to a $1^+/(1260)\pi^+/\pi^-$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
437	Search for $B^+ \rightarrow \mu^+\mu^-$ <i>Physical Review D</i> , 2007 , 76,	4.9	39

436	Measurement of the pseudoscalar decay constant f_D s using charm-tagged events in e^+e^- collisions at square root $s=10.58$ GeV. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39
435	Measurement of the proton electromagnetic form factor near threshold in the time-like region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 255, 149-154	4.2	39
434	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
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432	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
431	Time-dependent amplitude analysis of $B^0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	37
430	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0, K_S^0 \pi^0$, and $\pi^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
429	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \pi^0$ and $K_S^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
428	Measurement of the $B \rightarrow \pi \ell \nu$ 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
427	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
426	Improved limits on the lepton-flavor violating decays $\tau \rightarrow \ell \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36
425	Measurement of CP asymmetries in $B^0 \rightarrow \pi^0 K^0$ and $B^0 \rightarrow K^+ K^- K_S^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36
424	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0 \bar{B}^0$ oscillations. <i>Physical Review D</i> , 2004 , 70,	4.9	36
423	Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 132001	7.4	35
422	Measurement of $[F_{3/2}^{\rho(770)}]$ polarisation in $[F_{3/2}^{\rho(770)}]$ collisions at $[F_{3/2}^{\rho(770)}] = 7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2872	4.2	35
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420	Measurement of the $\Xi \rightarrow \bar{\Xi}$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35
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416	Quantum numbers of the X(3872) state and orbital angular momentum in its DJ/ψ decay. <i>Physical Review D</i> , 2015 , 92,	4-9	34
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413	Search for the decay $B^+ \rightarrow K^+\nu\bar{\nu}$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7-4	34
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410	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4-9	33
409	Measurement of decay amplitudes of $B\rightarrow J/\psi K^*$, $(2S)K^*$, and \bar{D}^1K^* with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4-9	33
408	Improved measurements of the branching fractions for $B^0\rightarrow\pi^+\pi^-$ and $B^0\rightarrow K^+\pi^-$ and a search for $B^0\rightarrow K^+K^-\pi^0$ <i>Physical Review D</i> , 2007 , 75,	4-9	33
407	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
406	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013		32
405	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
404	Cross sections for the reactions $e^+e^-\rightarrow K_S^0K_L^0$, $K_S^0K_L^0\pi^0$ and $K_S^0K_S^0K^+K^-$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4-9	32
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401	Measurement of the gamma gamma partial width of the chi 2 charmonium resonance. <i>Physical Review Letters</i> , 1993 , 70, 2988-2991	7-4	32

400	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
399	Dalitz plot analysis of $D_{s^+} \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	31
398	Improved measurement of CP violation in neutral B decays to $c\bar{c}$. <i>Physical Review Letters</i> , 2007 , 99, 171803	7.4	31
397	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{\{+/-\}} \rightarrow D\{\pi^+\pi^-\pi^0\}K_{\{+/-\}}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	31
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391	Dalitz plot analysis of $D_{s^+} \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	30
390	Amplitude analysis of the decay $B_{\{+/-\}} \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	30
389	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
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386	Observation of photon polarization in the $b \rightarrow s\gamma$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
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380	Observation of the $\chi(13D_J)$ bottomonium state through decays to $\eta(1S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28
379	Study of $B \rightarrow X_s \ell \bar{\nu}_\ell$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
378	Measurement of $B \rightarrow K^*(892) \gamma$ branching fractions and CP and Isospin asymmetries. <i>Physical Review Letters</i> , 2009 , 103, 211802	7.4	28
377	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
376	Search for $D_0 \bar{D}_0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , 2007 , 76,	4.9	28
375	Measurement of CP-violating asymmetries in $B_0 \rightarrow \eta$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
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369	Measurement of $D_0 \bar{D}_0$ mixing and CP violation in two-body D_0 decays. <i>Physical Review D</i> , 2013 , 87,	4.9	27
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367	Search for the rare decay $B_0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
366	Study of $B \rightarrow \pi$ and $B \rightarrow \eta$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4.9	27
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353	Analysis of the $D^{+-} \rightarrow K_{\mu}^+ e^+ \bar{\mu}$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25
352	Study of hadronic transitions between Υ states and observation of $\Upsilon(4S) \rightarrow \Upsilon(1S)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25
351	Dalitz plot analysis of the decay $B_0(B_{\mu}^0) \rightarrow K_{\mu}^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
350	Study of the decay $Ds^{+-} \rightarrow K^+ K_{\mu}^+ \bar{\mu}$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
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348	Measurement of the $B_0 \rightarrow D^* D_s^{*+}$ and $Ds^{+-} \rightarrow \eta$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
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346	Measurement of the CP -violating phase $\arg(V_{cb}V_{ub}^*)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4.2	24
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344	Search for CP violation in the decay $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2012 , 85,	4.9	24
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342	Search for lepton-number violating processes in $B^+ \rightarrow h^+ \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24
341	Measurement of time dependent CP asymmetry parameters in B^0 meson decays to K_S^0 , K_L^0 , and \bar{K}_S^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	24
340	Measurement of the $B \rightarrow \pi$ branching fraction and a search for a second-class current in the $B \rightarrow \rho(958) \pi$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24
339	Measurement of the branching fraction, polarization, and CP asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ decay, and implications for the CKM angle β . <i>Physical Review D</i> , 2008 , 78,	4.9	24
338	Amplitude analysis of the $B^+ \rightarrow \rho^+ \pi^0$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
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333	Measurement of Υ production in $p\bar{p}$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	23
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331	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
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329	Measurements of branching fraction, polarization, and charge asymmetry of $B^{(\pm)} \rightarrow \rho^{(\pm)} \rho^{(0)}$ and a search for $B^{(\pm)} \rightarrow \rho^{(\pm)} f(0)(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23

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325	Dalitz plot analyses of $B^0 \rightarrow D^0 K^+$ and $B^+ \rightarrow D^+ K^0$ decays. <i>Physical Review D</i> , 2015 , 91,	4.9	22
324	Search for the lepton flavour violating decay $\mu \rightarrow e \gamma$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
323	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
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319	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
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316	Measurements of $B \rightarrow \{ \pi, \eta, \eta' \} \ell \nu_{\ell}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22
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314	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
313	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
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310	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
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301	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
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298	Searches for the decays $B^0 \rightarrow \eta \pi$ and $B^+ \rightarrow \pi^+ \pi^0$ using hadronic tag reconstruction. <i>Physical Review D</i> , 2008 , 77,	4.9	20
297	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
296	Measurement of the branching fractions of exclusive $B \rightarrow D^{*0}(\pi) l^+ l^-$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 100, 151802	7.4	20
295	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
294	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{*0} D^0$, and implications for the Cabibbo-Kobayashi-Maskawa angle β . <i>Physical Review D</i> , 2006 , 73,	4.9	20
293	Search for $D^0 D^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20

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291	Search for Long-Lived Particles in e^+e^- Collisions. <i>Physical Review Letters</i> , 2015 , 114, 171801	7.4	19
290	Measurement of the CKM angle γ using $B \rightarrow DK$ with $D \rightarrow K_0S \pm \bar{K}_0S K + K$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
289	Search for CP violation in B_0 - B_0 mixing using partial reconstruction of $B_0 \rightarrow D^{*\mp} X$ and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19
288	Test of lepton universality in $(1S)$ decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19
287	Search for CP violation in the decay $D \rightarrow KS$. <i>Physical Review D</i> , 2011 , 83,	4.9	19
286	Search for the decay $D_0 \rightarrow \eta$ and measurement of the branching fraction for $D_0 \rightarrow \eta\eta$. <i>Physical Review D</i> , 2012 , 85,	4.9	19
285	Measurement of time-dependent CP asymmetry in $B_0 \rightarrow KS_0\eta$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
284	Study of B-meson decays to $\bar{D}K^*$, $\bar{D}(2S)K^*$, and $\bar{D}K^*$. <i>Physical Review D</i> , 2008 , 78,	4.9	19
283	Measurement of CP-violating asymmetries in $B_0 \rightarrow D^{*+/-}D^{-/+}$. <i>Physical Review Letters</i> , 2007 , 99, 071801	7.4	19
282	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B_0 \rightarrow KS_0\eta$. <i>Physical Review D</i> , 2005 , 71,	4.9	19
281	A new measurement of γ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 301, 317-320	4.2	19
280	Searches for (Λ_b^0) and (Ξ_b^0) decays to $(K_{\text{S}}^0 p^{\pm})$ and $(K_{\text{S}}^0 \Lambda^{\pm})$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{S}}^0 p^{\pm})$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
279	Angular analysis of charged and neutral $B \rightarrow K \eta$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
278	Measurement of the semileptonic decays $B \rightarrow D\eta$ and $B \rightarrow D^*\eta$. <i>Physical Review D</i> , 2009 , 79,	4.9	18
277	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
276	Dalitz plot analysis of $D_0 \rightarrow K_0^0 K + K_0^0 \eta$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
275	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

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273	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
272	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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270	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2(1P))$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
269	Observation and study of the baryonic B-meson decays $B\rightarrow D^{(*)}pp$. <i>Physical Review D</i> , 2012 , 85,	4.9	17
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266	Measurement of the spin of the $\omega(-)$ hyperon. <i>Physical Review Letters</i> , 2006 , 97, 112001	7.4	17
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264	Measurement of $\cos 2\beta$ in $B_{(0)}\rightarrow D_{(0)}^{(*)}h_{(0)}$ decays with a time-dependent Dalitz plot analysis of $D\rightarrow K_{(s)}\pi_{(0)}\pi_{(0)}^{\pm}$. <i>Physical Review Letters</i> , 2007 , 99, 231802	7.4	17
263	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
262	The FENICE detector at the $e+e$ collider ADONE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 337, 34-43	1.2	17
261	Search for CP violation in $D_0\rightarrow\pi\pi$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 158-167	4.2	16
260	Evidence for the decay ($\mathbf{B}_{\mathbf{c}}^{+}\rightarrow\mathbf{J}\left/\left\{\left\{\psi\left(3\psi\right)^2\psi\right\}\right\}\right.$). <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
259	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , 2015 , 115, 112001	4.1	16
258	Amplitude analysis of $B_0\rightarrow D_0K+\pi$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	16
257	Dalitz plot analysis of $\Upsilon\rightarrow K+K$ and $\Upsilon\rightarrow K+K_0$ in two-photon interactions. <i>Physical Review D</i> , 2014 , 89,	4.9	16

256	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
255	Search for CP violation and a measurement of the relative branching fraction in $D^+ \rightarrow K^0 \pi^+$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
254	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
253	Search for CP violation in the decay $B^0 \rightarrow K^+ K^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
252	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^+ K^- \pi^0$ and $B^+ \rightarrow K^+ K^- \pi^+$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
251	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
250	Search for a light Higgs boson decaying to two gluons or ss in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
249	Measurement of the decay $B^0 \rightarrow D^{*0} e^+ \nu_e$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15
248	Measurements of partial branching fractions for $B^0 \rightarrow X \ell \nu$ and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2008 , 100, 171802	7.4	15
247	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
246	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
245	Search for lepton flavor violating decays $\tau^+ \rightarrow l^+ \omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15
244	Inclusive \bar{B}^+ production in $e^+ e^-$ annihilations at $\sqrt{s} = 10.54$ GeV and in $\Upsilon(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
243	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$. <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
242	Measurement of $B^0 \rightarrow D^{*0} K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
241	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
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239	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^0 \pi^0$ and $D^0 \rightarrow \pi^0 \pi^0$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	14

238	Evidence for CP violation in $B^+ \rightarrow ppK^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
237	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
236	Search for charged lepton flavor violation in narrow upilon decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7.4	14
235	Measurements of time-dependent CP asymmetries in $B_0 \rightarrow D^{(*)} + D^{(*)}$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	14
234	Model-independent search for the decay $B^+ \rightarrow l^+ \pi^0$ <i>Physical Review D</i> , 2009 , 80,	4.9	14
233	Observation of B meson decays to \mathbb{K}^* and improved measurements for \mathbb{K} and \mathbb{K}_0 . <i>Physical Review D</i> , 2009 , 79,	4.9	14
232	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
231	B meson decays to charmless meson pairs containing \mathbb{K} or \mathbb{K}_0 mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
230	Search for the rare leptonic decays $B^+ \rightarrow l^+ \pi^0 (l=e,\mu)$ <i>Physical Review D</i> , 2009 , 79,	4.9	14
229	Study of the baryonic B decay $B \rightarrow \mathbb{K}^+ + p$ <i>Physical Review D</i> , 2012 , 86,	4.9	14
228	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
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225	Measurement of the resonance parameters of the (13P1) and (13P2) states of charmonium formed in antiproton-proton annihilations. <i>Nuclear Physics B</i> , 2005 , 717, 34-47	2.8	14
224	Search for $B^+ \rightarrow \tau^+ \pi^0$ and $B_0 \rightarrow \tau^0$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14
223	B meson decays to \mathbb{K}^* , \mathbb{K}_0^* , and \mathbb{K}_0 . <i>Physical Review D</i> , 2006 , 74,	4.9	14
222	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
221	Measurement of the angular distribution in $B \rightarrow K^* \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 610, 177-182	4.2	14

220	Performance of second generation BABAR resistive plate chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 552, 276-291	1.2	14
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218	Study of CP asymmetry in $B^{\pm}\text{-}B^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13
217	Study of CP violation in $B^{\pm}\text{-}D^0$ ($h=K, \eta$) with the modes $D^0\text{-}K^0\eta$, $D^0\text{-}\eta\eta'$ and $D^0\text{-}K^0K^0$. <i>Physical Review D</i> , 2015 , 91,	4.9	13
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215	Measurement of CP violation and constraints on the CKM angle $\sin\beta$ from $D^0\text{-}K^0\eta$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
214	Measurement of CP violation in $B_s^0\text{-}D^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
213	Branching fraction measurement of $B^{\pm}\text{-}\eta\eta'$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
212	Measurement of branching fractions of B decays to $K_1(1270)\eta$ and $K_1(1400)\eta$ and determination of the CKM angle β from $B^0\text{-}a_1(1260)\eta$. <i>Physical Review D</i> , 2010 , 81,	4.9	13
211	Searches for the baryon- and lepton-number violating decays $B^0\text{-}\eta\eta'$ and $B^0\text{-}\eta\eta'$. <i>Physical Review D</i> , 2011 , 83,	4.9	13
210	Observation of the rare decay $B^{\pm}\text{-}K^0\eta$ and measurement of the quasi-two-body contributions $B^{\pm}\text{-}K^*(892)\eta$, $B^{\pm}\text{-}f_0(980)K^+$, and $B^{\pm}\text{-}\eta K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
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208	Measurement of the spin of the $\chi(1530)$ resonance. <i>Physical Review D</i> , 2008 , 78,	4.9	13
207	Search for $B^0\text{-}\eta(K^0)$ decays with large K^0 invariant mass. <i>Physical Review D</i> , 2007 , 76,	4.9	13
206	Measurement of branching fractions and resonance contributions for $B^0\text{-}D^0K^+\pi^-$ and search for $B^0\text{-}D^0K^+\pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 011803	7.4	13
205	Study of the $B^0\text{-}3h\eta$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
204	Measurement of the ratio $B(B^0\text{-}D^0K^0)/B(B^0\text{-}D^0K^+)$ and of the CP asymmetry of $B^0\text{-}D^0K^+\pi^-$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
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201	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
200	A study of CP violation in $B_{\mu} \rightarrow DK_{\mu}$ and $B_{\mu} \rightarrow D_{\mu}$ decays with $D \rightarrow K_S^0 K_{\mu}^{\pm}$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4.2	12
199	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4.9	12
198	Search for the decay $B^+ \rightarrow K_S^0 K_S^0 \pi^+$. <i>Physical Review D</i> , 2009 , 79,	4.9	12
197	Study of $(B_S, 2S) \rightarrow \psi(1S)$ and $(B_S, 2S) \rightarrow \psi(1S)$ hadronic transitions. <i>Physical Review D</i> , 2011 , 84,	4.9	12
196	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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193	Evidence for charged B meson decays to $a_1^+ \pi^- (1260) \pi^0$ and $a_1(0)(1260) \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2007 , 99, 261801	7.4	12
192	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$. <i>Physical Review Letters</i> , 2007 , 99, 201801	7.4	12
191	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12
190	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
189	Searches for B^0 decays to $K_S^0 \pi^0 \pi^0$, $K_S^0 \pi^0 \pi^+$, and $K_S^0 \pi^0 \pi^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
188	Branching fraction limits for B^0 decays to $K_S^0 \pi^0$ and $\pi^0 \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
187	Search for the decay $B^+ \rightarrow \pi^+ \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
186	Search for the decay $B^0 \rightarrow a_1 \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
185	Measurement of CP observables for the decays $B_{\mu}^{\pm} \rightarrow D^0 K_{\mu}^{\pm}$. <i>Physical Review D</i> , 2006 , 73,	4.9	12

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183	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
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180	Measurement of CP violation parameters in $B^0 \rightarrow DK^*0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
179	Measurement of the semileptonic branching fraction of the B_s meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11
178	Measurement of CP-violating asymmetries in $B^0 \rightarrow \rho^0 \rho^0$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4.9	11
177	Search for $b \rightarrow u$ transitions in $B^\pm \rightarrow [K^* \rho^0] DK^\pm$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
176	Branching fraction measurements of the color-suppressed decays B^0 to $D^{(*)} \rho^0$, $D^{(*)} \rho^0 D^{(*)} \rho^0$ and $D^{(*)} \rho^0$ and measurement of the polarization in the decay $B^0 \rightarrow D^* \rho^0$ <i>Physical Review D</i> , 2011 , 84,	4.9	11
175	Measurement of the branching fraction and ρ polarization in $B^0 \rightarrow \rho^0 \rho^0$ <i>Physical Review D</i> , 2009 , 79,	4.9	11
174	Search for $B \rightarrow K^* \rho$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	11
173	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^* \rho^0$ and $D^0 \rightarrow \rho^0 \rho^0$ <i>Physical Review D</i> , 2008 , 78,	4.9	11
172	Measurements of the branching fractions of $B^0 \rightarrow K^* \rho^0 K^0$, $B^0 \rightarrow K^* \rho^0 K^0$, $B^0 \rightarrow K^* \rho^0 K^+$ and $B^0 \rightarrow K^* \rho^0 \pi^0$ <i>Physical Review D</i> , 2007 , 76,	4.9	11
171	Measurement of the $B^\pm \rightarrow \rho^0 \rho^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
170	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11
169	Evidence for $B(0) \rightarrow \rho(0) \rho(0)$ decays and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2007 , 98, 111801	7.4	11
168	Measurement of the branching fraction for $B^\pm \rightarrow \rho^0 K^\pm$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
167	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11

166	Measurement of the B^0 and B^+ 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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164	Measurement of the B_s^0 meson lifetime in $D_s^+ \rightarrow B_s^0$ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
163	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
162	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
161	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
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159	Constraints on the CKM angle γ in $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 \bar{K}^0$ from a Dalitz analysis of D^0 and D^0 decays to KS^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	10
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157	Improved measurement of CP observables in $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	10
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155	Observation of $B^+ \rightarrow b_1^+ K^0$ and search for B-meson decays to $b_1^0 K^0$ and b_1^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	10
154	Search for neutral B-meson decays to $a_0^0 \pi^0 K^0$, π^0 , and η . <i>Physical Review D</i> , 2007 , 75,	4.9	10
153	Measurement of CP asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10
152	Measurement of the $D^+ \rightarrow \pi^0$ and $D^+ \rightarrow K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
151	Branching fraction measurements of charged B decays to K^*+K , K^*+K^* , K^*+K^0 , and K^*+K^+ final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10
150	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	10
149	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

148	Search for B0 decays to invisible final states and to nunugamma. <i>Physical Review Letters</i> , 2004 , 93, 0918024	7.4	10
147	Measurement of the branching fractions and CP asymmetry of B \rightarrow D(0)((CP))K \rightarrow decays with the BABAR detector. <i>Physical Review Letters</i> , 2004 , 92, 202002	7.4	10
146	A cylindrical MWPC and radial projection chamber for the E760 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 277, 116-120	1.2	10
145	Determination of Γ_{eff} from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 1-11	4.2	9
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142	Observation of the B0 \rightarrow decay from an amplitude analysis of B0 \rightarrow decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4.2	9
141	Measurements of direct CP asymmetries in B \rightarrow Xs \rightarrow decays using sum of exclusive decays. <i>Physical Review D</i> , 2014 , 90,	4.9	9
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137	Search for second-class currents in tau \rightarrow omega \rightarrow nu \rightarrow . <i>Physical Review Letters</i> , 2009 , 103, 041802	7.4	9
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135	Search for Lepton Flavor Violating Decays τ \rightarrow Rs0 with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9
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130	Search for the decay $B^+ \rightarrow K^*(892)K^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	9
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118	Radiation hardness tests and characterization of the CLARO-CMOS, a low power and fast single-photon counting ASIC in 0.35 micron CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 766, 228-230	1.2	8
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112	Search for resonances decaying to $\pi\pi$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
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105	Measurement of the absolute branching fractions $B \rightarrow D\pi D^*\pi$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
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99	Measurement of the branching fraction and polarization for the decay $B^+ \rightarrow D^* K^+$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
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96	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
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87	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^* K_0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	7
86	Measurement of ratios of branching fractions and CP-violating asymmetries of $B \rightarrow D^* K$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	7
85	Observation of $B \rightarrow \pi K_0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4.9	7
84	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^* + D^* \pi$ <i>Physical Review D</i> , 2007 , 76,	4.9	7
83	Measurement of B decays to πK <i>Physical Review D</i> , 2007 , 75,	4.9	7
82	Measurements of B^+ branching fractions of Cabibbo-suppressed decay modes involving π and D . <i>Physical Review D</i> , 2007 , 75,	4.9	7
81	Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \pi$ <i>Physical Review Letters</i> , 2007 , 98, 211804	7.4	7
80	Observation of $B \rightarrow \eta K^*$ and evidence for $B \rightarrow \eta \rho$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
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70	Observation of the rare decay $B^0 \rightarrow K_S^0 \eta$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
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65	Search for the radiative decay $B^0 \rightarrow \gamma$. <i>Physical Review D</i> , 2005 , 72,	4.9	6
64	Measurement of the $B \rightarrow D^* K^*$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
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62	Determination of the branching fractions of $B^0 \rightarrow D^* K^*$ and $B^0 \rightarrow D^* K^+$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	5
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47	Observation of the baryonic B-decay $B^0 \rightarrow \bar{B}^0 p \bar{K}^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
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13	Observation of the baryonic B decay $B_{cb} \rightarrow p \bar{K}^0$ <i>Physical Review D</i> , 2011 , 84,	4.9	2
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