

# Roberto Calabrese

## List of Publications by Year in Descending Order

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

611 papers	19,435 citations	66 h-index	105 g-index
618 ext. papers	21,522 ext. citations	5.1 avg, IF	5.56 L-index

#	Paper	IF	Citations
611	Enhanced Atomic Desorption of 209 and 210 Francium from Organic Coating. <i>Scientific Reports</i> , <b>2017</b> , 7, 4207	4.9	5
610	Observation of $7pP2 \rightarrow 7dD2$ optical transitions in 209 and 210 francium isotopes. <i>Optics Letters</i> , <b>2017</b> , 42, 3682-3685	3	2
609	Radiation Hardness of the CLARO8 ASIC: A Fast Single-Photon Counting Chip for the LHCb Experiment at CERN <b>2016</b> ,		1
608	Irradiation of the CLARO-CMOS chip, a fast ASIC for single-photon counting. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 787, 234-235	1.2	5
607	Determination of $\Gamma_{\text{had}}/\Gamma_{\text{tot}}$ from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 741, 1-11	4.2	9
606	Study of the rare $B_s^0$ and $B^0$ decays into the $\pi^+\pi^-$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 46-55	4.2	13
605	Measurement of the branching fractions of the radiative leptonic $B$ decays $B \rightarrow e\gamma$ and $B \rightarrow \mu\gamma$ at BABAR. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	8
604	Study of $B^0 \rightarrow J/\psi + K^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	27
603	Study of CP asymmetry in $B^{(s)} \rightarrow B^{(s)*} \ell^+ \ell^-$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2015</b> , 114, 081801	7.4	13
602	Search for Long-Lived Particles in $e^+e^-$ Collisions. <i>Physical Review Letters</i> , <b>2015</b> , 114, 171801	7.4	19
601	Dalitz plot analyses of $B^0 \rightarrow D^0 K^+$ and $B^+ \rightarrow D^0 D^0 K^+$ decays. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	22
600	Measurement of the semileptonic CP asymmetry in $B^0 \rightarrow B^{(s)*} \ell^+ \ell^-$ mixing. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041601	7.4	28
599	Precision measurement of CP violation in $B(S)^0 \rightarrow J/\psi + K^-$ decays. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041801	7.4	53
598	Measurement of $B_c^+$ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 132001	7.4	35
597	LHCb detector performance. <i>International Journal of Modern Physics A</i> , <b>2015</b> , 30, 1530022	1.2	452
596	Search for CP violation in $D^0 \rightarrow \pi^0 \pi^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 740, 158-167	4.2	16
595	Study of $B^{(s)}$ mixing from measurement of $B^{(s)} \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	8

594	Measurement of the Z+b-jet cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	7
593	Search for the lepton flavour violating decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
592	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B^*(5747)^{0,+}$ states and observation of $B \rightarrow \mu^+ \mu^-$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
591	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	14
590	Measurement of the $D^0 \rightarrow B^+ B^-$ differential decay branching fraction as a function of $q^2$ and study of form factor parametrizations. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	23
589	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	7
588	Observation of the baryonic decay $B^0 \rightarrow B^+ p K^-$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	2
587	First observation and amplitude analysis of the $B^0 \rightarrow D^+ K^-$ decay. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	30
586	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P02007-P02007	4.9	37
585	Measurement of forward $Z \rightarrow e^+ e^-$ production at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	17
584	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	13
583	Determination of the branching fractions of $B^0 \rightarrow D^+ S^- K^0$ and $B^0 \rightarrow D^+ B^- K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	5
582	CLARO-CMOS: a fast, low power and radiation-hard front-end ASIC for single-photon counting in 0.35 micron CMOS technology. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C01013-C01013	1	2
581	Measurement of the lifetime of the $B_c^+$ meson using the $B_c^+ \rightarrow J/\psi$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 29-37	4.2	25
580	Observation of two new $\Lambda(b)^{(-)}$ baryon resonances. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062004	7.4	35
579	Measurement of the CP -violating phase $\arg(B^0 \rightarrow J/\psi)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 38-49	4.2	24
578	Search for a dark photon in $e^+ e^-$ collisions at BABAR. <i>Physical Review Letters</i> , <b>2014</b> , 113, 201801	7.4	241
577	Measurement of the $B^0$ and $B^+$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10

576	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^- B^0 \rightarrow K^+ \bar{K}^0$ and $B_s^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 446-454	4.2	9
575	Measurement of the CP-violating phase $\phi_s$ in $B_s^0 \rightarrow J/\psi \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 186-195	4.2	33
574	Evidence for the decay $B \rightarrow \pi^0 \pi^0$ . <i>Nuclear Physics B</i> , <b>2014</b> , 886, 665-680	2.8	79
573	Searches for $(\Lambda_b^0)$ and $(\Xi_b^0)$ 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> , <b>2014</b> , 2014, 1	5.4	18
572	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	7
571	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	22
570	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^*(892)^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
569	Angular analysis of charged and neutral $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
568	Evidence for the decay $(B_{\text{charm}}^+ \rightarrow J/\psi \text{ left/ right } \{ \psi(3686) \}^0)$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
567	Differential branching fractions and isospin asymmetries of $B \rightarrow K^*(\pi) \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	142
566	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	42
565	Study of $(\Upsilon)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
564	Observation of the $\Lambda_b \rightarrow J/\psi \pi$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	29
563	Observation of the $B^0 \rightarrow J/\psi K^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	5
562	Study of the kinematic dependences of $\Lambda_b$ production in pp collisions and a measurement of the $\Lambda_b \rightarrow \psi(3686) \pi$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	30
561	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	15
560	Measurement of $\Upsilon$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	23
559	Measurement of the [Formula: see text] meson lifetime using [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4.2	32

558	Measurement of [Formula: see text] polarisation in [Formula: see text] collisions at [Formula: see text] = 7 TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4.2	35
557	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> , <b>2014</b> , 74, 2888	4.2	20
556	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> , <b>2014</b> , 766, 228-230	1.2	8
555	Search for CP violation in the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 585-595	4.2	15
554	Search for lepton-number violating $B^+ \rightarrow X^0 \mu^+ \mu^+$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	22
553	Observation of the resonant character of the Z(4430)(-) state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222002	7.4	234
552	Observation of photon polarization in the $b \rightarrow s \gamma$ transition. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161801	7.4	29
551	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4.2	43
550	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P12005-P12005	1	79
549	Study of the radiation damage of Silicon Photo-Multipliers at the GELINA facility. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P04004-P04004	1	7
548	Measurement of the CP-violating phase $\phi_1$ in $B_s(0) \rightarrow D_s(+/-) D_s(-/+)$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 211801	7.4	17
547	Search for new $\bar{D}$ -like particles produced in association with a lepton pair. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	1
546	Measurement of CP violation parameters in $B_0 \rightarrow DK^*0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
545	Bottomonium spectroscopy and radiative transitions involving the $\bar{B}J(1P,2P)$ states at BaBar. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	5
544	Measurements of CP violation in the three-body phase space of charmless $B_{\bar{d}}$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	47
543	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
542	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 055002	2.9	83
541	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^*0 \pi^+ \pi^-$ and $B^+ \rightarrow K^+ \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	15

540	Francium trapping at the INFN-LNL facility. <i>International Journal of Modern Physics E</i> , <b>2014</b> , 23, 1430009	0.7	8
539	Observation of $B_{\{s\}}^0 \rightarrow \{K\}^{*\mp} \{K\}^{\mp} \pi^{\pm}$ decays and evidence for $B_{\{s\}}^0 \rightarrow \{K\}^{*-} \pi^+$ decays. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123001	2.9	6
538	Measurement of CP violation and constraints on the CKM angle $\arg(B_{\{s\}}^0 \rightarrow DK^0)$ with $D \rightarrow KS^0$ decays. <i>Nuclear Physics B</i> , <b>2014</b> , 888, 169-193	2.8	13
537	Measurement of the $B^0 \bar{B}^0$ and $B_{\{s\}}^0 \bar{B}_{\{s\}}^0$ production asymmetries in pp collisions at $\sqrt{s}=7\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 218-228	4.2	22
536	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
535	Evidence for CP violation in $B^+ \rightarrow \rho^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 141801	7.4	14
534	Measurements of direct CP asymmetries in $B \rightarrow X s \ell$ decays using sum of exclusive decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	9
533	Evidence for the decay $B^0 \rightarrow \pi^0 \pi^0$ and search for $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
532	Cross sections for the reactions $e^+e^- \rightarrow KS^0 K^0 L^0$ , $KS^0 K^0 L^0 \rightarrow KS^0 KS^0 \pi^0$ and $KS^0 KS^0 K^+ K^-$ from events with initial-state radiation. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	32
531	First observation of a baryonic $B_c^+$ decay. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152003	7.4	24
530	Measurement of resonant and CP components in $B_{\{s\}}^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	54
529	Search for Majorana neutrinos in $B^- \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131802	7.4	70
528	Measurement of the $B_{\{s\}}^0$ meson lifetime in $D_s^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 172001	7.4	10
527	Search for the decay $B_{\{s\}}^0 \rightarrow \pi^0 \rho^0 \pi^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
526	Measurement of Collins asymmetries in inclusive production of charged pion pairs in $e^+e^-$ annihilation at BABAR. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	58
525	Measurement of the resonant and CP components in $B_{\{s\}}^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	52
524	Observation of overlapping spin-1 and spin-3 $D^0 K^-$ resonances at mass 2.86 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 162001	7.4	61
523	Measurement of the $B_s(0) \rightarrow D_s D_s^+$ and $B_s(0) \rightarrow D^- D_s^+$ effective lifetimes. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111802	7.4	12

522	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	70
521	Light desorption from an yttrium neutralizer for Rb and Fr magneto-optical trap loading. <i>Journal of Chemical Physics</i> , <b>2014</b> , 141, 134201	3.9	9
520	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032001	7.4	30
519	Measurement of the $B \rightarrow X s \ell \ell$ Branching Fraction and Search for Direct CP Violation from a Sum of Exclusive Final States. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	66
518	Dalitz plot analysis of $B \rightarrow K + K \ell \ell$ and $B \rightarrow K + K \pi \pi$ in two-photon interactions. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
517	Test of lepton universality using $b^+ \rightarrow K^+ \ell \ell$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 151601	7.4	542
516	Precision measurement of the mass and lifetime of the $\Lambda_b^0$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242002	7.4	26
515	Measurement of CP violation in $B_s^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
514	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
513	Observation of $B(s)(0) \rightarrow J/\psi f_1(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , <b>2014</b> , 112, 091802	7.4	17
512	Evidence for the baryonic decay $B_c^0 \rightarrow D^0 \pi^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	4
511	Measurement of the ratio of $B_c^+$ branching fractions to $J/\psi$ and $J/\psi$ final states. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
510	Study of the reaction $e^+ e^- \rightarrow (2S) \ell \ell$ via initial-state radiation at BaBar. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	59
509	Studies of beauty baryon decays to $D^0 \pi^0$ and $B^+ h^0$ final states. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
508	Antideuteron production in $\Lambda(nS)$ decays and in $e^+ e^- \rightarrow q \bar{q}$ at $\sqrt{s} = 0.58$ GeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	9
507	Observation of charmonium pairs produced exclusively in $pp$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 115002	2.9	10
506	Study of $\chi_{c0}(\mathrm{b})$ meson production in $p \bar{p} \rightarrow p \bar{p} \chi_{c0}(\mathrm{b})$ collisions at $\sqrt{s} = 7$ and $8$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	33
505	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16



504	Search for CP violation in $D^0 \rightarrow K^0 S K^0$ and $D^0 \rightarrow K^0 S \bar{K}^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
503	First observations of the rare decays $B^+ \rightarrow K^+ \pi^+ \pi^0$ and $B^+ \rightarrow K^+ \pi^+ \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	7
502	Measurement of the $B^0$ (3P) mass and of the relative rate of $B^0(1P)$ and $B^0(2P)$ production. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	17
501	Measurement of the CKM angle $\phi_1$ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 S \pi^+ \pi^- K^0 S K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	19
500	Measurement of CP asymmetry in $B^0 \rightarrow D^0 \pi^+ K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	10
499	Measurement of the forward W boson cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	14
498	A study of CP violation in $B^0 \rightarrow DK^0$ and $B^0 \rightarrow D^0 \pi^0$ decays with $D \rightarrow KS^0 K^0 \pi^0$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 36-45	4.2	12
497	Diffusion and photodesorption of molecular gases in a polymer organic film. <i>European Physical Journal D</i> , <b>2014</b> , 68, 1	1.3	9
496	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	20
495	Detection of excited level population transfer in an MOT through the measurement of trapped atom number. <i>Measurement Science and Technology</i> , <b>2013</b> , 24, 015201	2	6
494	Silicon photo-multiplier radiation hardness tests with a white neutron beam <b>2013</b> ,		2
493	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 729, 615-701	1.2	125
492	Time-integrated luminosity recorded by the BABAR detector at the PEP-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 726, 203-213	1.2	86
491	Branching fraction measurement of $B^+ \rightarrow \pi^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
490	Search for direct CP violation in singly Cabibbo-suppressed $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	7
489	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> , <b>2013</b> , 88,	4.9	26
488	Study of $e^+e^- \rightarrow \mu^+\mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	77
487	Measurement of the $D^{*}(2010)^+$ natural linewidth and the $D^{*}(2010)^+ D^0$ mass difference. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14



486	Search for $B \rightarrow K(*) \gamma$ and invisible quarkonium decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	80
485	Search for CP violation in $B_0$ - $\bar{B}_0$ mixing using partial reconstruction of $B_0 \rightarrow D^{*-} X^0$ and a kaon tag. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101802	7.4	19
484	Measurement of the $D^{*}(2010)^+$ meson width and the $D^{*}(2010)^+ - D_0$ mass difference. <i>Physical Review Letters</i> , <b>2013</b> , 111, 111801	7.4	25
483	Measurement of an excess of $B \rightarrow D^{(*)} \gamma$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	34 <sup>0</sup>
482	Precision measurement of the $e^+e^- \rightarrow K+K^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	59
481	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	38
480	Search for CP violation in the decays $D_{s1}^0 \rightarrow KS^0 K^0$ , $D_{s1}^+ \rightarrow KS^0 K^+$ , and $D_{s1}^+ \rightarrow KS^0 \pi^+$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
479	Radiation damage effects in Silicon Photo-Multipliers <b>2013</b> ,		1
478	Measurement of the $e^+e^- \rightarrow p\bar{p}$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	4 <sup>0</sup>
477	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	31
476	Measurement of the $B^+ \rightarrow \pi^0 \pi^+$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
475	Production of charged pions, kaons, and protons in $e^+e^-$ annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	37
474	Measurement of the mass of the $D_0$ meson. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	7
473	Search for a light Higgs boson decaying to two gluons or $ss$ in the radiative decays of $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
472	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\beta$ with $B_{\pm}^0 \rightarrow D^{(*)} K^{(*)} \pi^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	29
471	Study of the decay $B_{\pm}^0 \rightarrow \pi^0 p \pi^0$ and its intermediate states. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	3
470	Search for the rare decays $B \rightarrow \eta \gamma$ and $B_0 \rightarrow \eta \gamma$ <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
469	Measurement of $D_0 \bar{D}_0$ mixing and CP violation in two-body $D_0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	27

- 468 Evidence of  $B^{+ \rightarrow \pi^0 \pi^0}$  decays with hadronic B tags. *Physical Review D*, **2013**, 88, 4.9 65
- 467 Measurement of CP-violating asymmetries in  $B^0 \rightarrow \pi^0 \pi^0$  decays using a time-dependent Dalitz plot analysis. *Physical Review D*, **2013**, 88, 4.9 11
- 466 Observation of time-reversal violation in the  $B^0$  meson system. *Physical Review Letters*, **2012**, 109, 211801, 4.9 96
- 465 Search for  $B^0 \rightarrow \pi^0 \pi^0$  decays in events with a fully reconstructed B meson. *Physical Review D*, **2012**, 85, 4.9 1
- 464 Measurement of the semileptonic branching fraction of the  $B_s$  meson. *Physical Review D*, **2012**, 85, 4.9 11
- 463 Search for CP violation in the decay  $B \rightarrow K_S^0 \pi^0 \pi^0$ . *Physical Review D*, **2012**, 85, 4.9 24
- 462 Observation and study of the baryonic B-meson decays  $B \rightarrow D^{(*)} p \pi^0$ . *Physical Review D*, **2012**, 85, 4.9 17
- 461  $B^0$  meson decays to  $\bar{D} K^{*0}$ ,  $f_0 K^{*0}$ , and  $\bar{K}^{*+}$ , including higher  $K^*$  resonances. *Physical Review D*, **2012**, 85, 4.9 6
- 460 Study of CP violation in Dalitz-plot analyses of  $B^0 \rightarrow K^+ K^- K_S^0$ ,  $B^+ \rightarrow K^+ K^- K^+$ , and  $B^+ \rightarrow K_S^0 K_S^0 K^+$ . *Physical Review D*, **2012**, 85, 4.9 58
- 459 Search for the  $Z_1(4050)^+$  and  $Z_2(4250)^+$  states in  $B^0 \rightarrow \pi^0 K^0$  and  $B^+ \rightarrow \pi^0 K^+$ . *Physical Review D*, **2012**, 85, 4.9 42
- 458 Measurement of  $B(B \rightarrow X_s \gamma)$ , the  $B \rightarrow X_s \gamma$  photon energy spectrum, and the direct CP asymmetry in  $B \rightarrow X_s d$  decays. *Physical Review D*, **2012**, 86, 4.9 34
- 457 Explosive evaporation of Rb or K fractal clusters by low power CW radiation in the presence of excited atoms. *European Physical Journal D*, **2012**, 66, 1, 1.3 3
- 456 The Instrumented Flux Return Detector of the SuperB Experiment: R&D Studies and First Results of the Fermilab Beam Test. *Physics Procedia*, **2012**, 37, 659-666
- 455 Precise measurement of the  $e^+e^- \rightarrow \pi^0 \pi^0$  cross section with the initial-state radiation method at BABAR. *Physical Review D*, **2012**, 86, 4.9 110
- 454 Measurement of branching fractions and rate asymmetries in the rare decays  $B \rightarrow K^{(*)} \pi^0$ . *Physical Review D*, **2012**, 86, 4.9 82
- 453 Study of high-multiplicity three-prong and five-prong  $\pi^0$  decays at BABAR. *Physical Review D*, **2012**, 86, 4.9 17
- 452 Cross sections for the reactions  $e^+e^- \rightarrow K^+ K^- \pi^0 K^0 \pi^0$ , and  $K^+ K^- K^+ K^-$  measured using initial-state radiation events. *Physical Review D*, **2012**, 86, 4.9 41
- 451 Study of  $X(3915) \rightarrow J/\psi \pi^0$  in two-photon collisions. *Physical Review D*, **2012**, 86, 4.9 52

450	Exclusive measurements of $b \rightarrow s$ transition rate and photon energy spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	40
449	Precision measurement of the $B \rightarrow Xs$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})((B \rightarrow X(s+d))$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 191801	7.4	43
448	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^{*+} D^{*-}$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
447	Study of the baryonic B decay $B \rightarrow \Lambda^0 + p$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	14
446	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 211801	7.4	52
445	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	51
444	Search for lepton-number violating processes in $B^+ \rightarrow h^0 \ell^+ \ell^+$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
443	Amplitude analysis and measurement of the time-dependent CP asymmetry of $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	14
442	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0 \rightarrow \mu^+ \mu^-$ and $D^0 \rightarrow e^+ \mu^-$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
441	Evidence for an excess of $B \rightarrow D^{*0} \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 101802	7.4	456
440	Study of the reaction $e^+ e^- \rightarrow J/\psi \gamma$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	75
439	Branching fraction of $B \rightarrow K_S^0 K_S^0 (0)$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
438	Improved limits on $B^0$ decays to invisible ( $\gamma$ ) final states. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	13
437	Search for resonances decaying to $\mu^+ \mu^-$ in two-photon interactions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
436	Study of $B \rightarrow Xu$ decays in $BB$ events tagged by a fully reconstructed B-meson decay and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	20
435	Search for the decay $D^0 \rightarrow \bar{\Lambda}$ and measurement of the branching fraction for $D^0 \rightarrow \bar{\Lambda} \Lambda$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
434	Amplitude analysis of $B^0 \rightarrow K^+ 0$ and evidence of direct CP violation in $B \rightarrow K^{*0} \ell^+ \ell^-$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	21
433	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow 0 K^{*+}$ and $B^+ \rightarrow f_0(980) K^{*+}$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7

432	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
431	Search for $b \rightarrow u$ transitions in $B \rightarrow [K^* \pi] DK$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
430	Search for CP violation in the decay $D \rightarrow KS^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	19
429	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	33
428	Studies of $B \rightarrow K^* \ell^+ \ell^-$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	27
427	Searches for the baryon- and lepton-number violating decays $B^0 \rightarrow \bar{p} + \ell^+ B^0$ and $B^0 \rightarrow \bar{p} + \ell^+ \pi^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	13
426	Observation of $B(1S)$ and $B(2S)$ decays to $K^+ K^0$ in two-photon interactions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
425	Observation of the baryonic B decay $B^0 \rightarrow \bar{p} + \pi^+ K^0$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	2
424	Observation of the rare decay $B^+ \rightarrow K^+ \pi^0$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \pi^0$ , $B^+ \rightarrow f_0(980) K^+$ , and $B^+ \rightarrow \bar{D}^0 K^+$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13
423	Measurement of partial branching fractions of inclusive charmless B meson decays to $K^+$ , $K^0$ , and $\pi^+$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	3
422	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	8
421	Measurement of the mass and width of the $Ds_1(2536)^+$ meson. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	10
420	Evidence for the $hb(1P)$ meson in the decay $(B_S) \rightarrow \pi^0 hb(1P)$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	22
419	Study of $B \rightarrow \pi^+ \pi^-$ and $B \rightarrow \pi^0 \pi^0$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	76
418	Search for production of invisible final states in single-photon decays of $B(1S)$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 021804	7.4	43
417	Measurement of the $B \rightarrow D^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	20
416	Branching fraction measurements of the color-suppressed decays $B^0$ to $D^{(*)} \pi^0$ , $D^{(*)} \pi^+ \pi^- D^{(*)} \pi^0$ and $D^{(*)} \pi^0$ and measurement of the polarization in the decay $B^0 \rightarrow D^{*0} \pi^0$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
415	Analysis of the $D^+ \rightarrow K^0 e^+ \pi^+$ decay channel. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	25

414	Study of $(BS, 2S) \rightarrow (\eta(1S))$ and $(BS, 2S) \rightarrow \eta(\eta(1S))$ hadronic transitions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
413	Measurement of the $B \rightarrow \eta$ and $B \rightarrow \eta'$ transition form factors. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	86
412	Search for the decay $B_0 \rightarrow \eta$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	4
411	Dalitz plot analysis of $Ds^{+-} \rightarrow K+K\eta$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	30
410	Measurement of the $B_0 \rightarrow \eta$ and $B^{+-} \rightarrow \eta$ branching fractions, the $B_0 \rightarrow \eta$ and $B^{+-} \rightarrow \eta$ form-factor shapes, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	29
409	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \eta\eta' K$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	5
408	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow A_0$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 221803	7.4	41
407	Search for CP violation using T-odd correlations in $D^{+-} \rightarrow K+KS_0$ and $Ds^{+-} \rightarrow K+KS_0$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
406	Observation of the decay $B^- \rightarrow D(s)((*)^+) K^- \eta$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 041804	7.4	7
405	Test of lepton universality in $\eta(1S)$ decays at BABAR. <i>Physical Review Letters</i> , <b>2010</b> , 104, 191801	7.4	19
404	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	22
403	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle $\phi$ with $B^0 \rightarrow D(*)K(*)^0$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 121801	7.4	42
402	Search for charged lepton flavor violation in narrow upilon decays. <i>Physical Review Letters</i> , <b>2010</b> , 104, 151802	7.4	14
401	Measurement of $D_0$ - $\bar{D}_0$ mixing parameters using $D_0 \rightarrow K(S)(0)\eta$ and $D_0 \rightarrow K(S)(0)K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081803	7.4	70
400	Search for $f(J)(2220)$ in radiative $J/\psi$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 172001	7.4	6
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398	Measurement of CP observables in $B \rightarrow DCPK$ decays and constraints on the CKM angle $\phi$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	26
397	Exclusive production of $Ds+Ds$ , $Ds^{*+}Ds$ and $Ds^{*+}Ds^{*}$ via $e+e$ annihilation with initial-state radiation. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	21

396	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- \ell^+ \ell^-$ and $K^- \ell^+ \ell^-$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 051602	7.4	38
395	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D \ell \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2010</b> , 104, 011802	7.4	57
394	Searches for Lepton flavor violation in the decays $\tau_{\ell} \rightarrow e \gamma$ and $\tau_{\ell} \rightarrow \mu \gamma$ . <i>Physical Review Letters</i> , <b>2010</b> , 104, 021802	7.4	328
393	Measurement of the $B \rightarrow \pi$ transition form factor. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	35
392	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle $\beta$ from $B^0 \rightarrow a_1(1260) \pi$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	13
391	Observation of the $\chi(3512)$ bottomonium state through decays to $\chi(1S)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
390	Search for the rare decay $B \rightarrow K \ell \ell$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	20
389	Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow c \bar{c} \rightarrow \Lambda \bar{\Lambda}$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	2
388	Search for $B^+$ meson decay to $a_1(1260) K^*(892)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	4
387	Evidence for the decay $X(3872) \rightarrow J/\psi \pi \pi$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	119
386	Search for $B^+ \rightarrow D^+ K^0$ and $B^+ \rightarrow D^+ K^{*0}$ decays. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	2
385	Search for $B^+ \rightarrow \pi^+ \pi^0$ recoiling against $B \bar{B} \rightarrow D^0 \bar{D}^0 X$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	65
384	B-meson decays to $\pi^+ \pi^- \pi^0$ , and $\pi^+ K^*$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	9
383	Observation of the rare decay $B^0 \rightarrow K_S^0 K^+ \pi^-$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	6
382	Observation of inclusive $D^* \pi$ production in the decay of $\chi(1S)$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	4
381	Measurement of the absolute branching fractions for $D_s \rightarrow \pi \pi$ and extraction of the decay constant $f_{D_s}$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	24
380	Limits on lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	42
379	Observation of new resonances decaying to $D^0$ and $D^{*0}$ in inclusive $e^+e^-$ collisions near $\sqrt{s} = 10.58$ GeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	111

378	Study of $B \rightarrow X \ell \bar{\ell}$ decays and determination of $ V_{td}/V_{ts} $ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
377	Observation of the $\Xi(2P)$ meson in the reaction $\Xi \rightarrow DD^*$ at BABAR. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	60
376	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
375	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow X c \ell$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	22
374	Silicon photo-multiplier radiation hardness tests with a beam controlled neutron source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 921-926	1.2	21
373	Precise measurement of the $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$ cross section with the initial state radiation method at BABAR. <i>Physical Review Letters</i> , <b>2009</b> , 103, 231801	7.4	163
372	Search for dimuon decays of a light scalar boson in radiative transitions $Upsilon \rightarrow \gamma A^0$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 081803	7.4	139
371	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 051803	7.4	26
370	Search for second-class currents in $\tau_{\mu} \rightarrow \omega \pi^+ \pi^- \nu_{\tau}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 041802	7.4	9
369	Measurements of the semileptonic decays $B \rightarrow D^* \ell^+ \ell^-$ and $B \rightarrow D^* \ell^+ \ell^-$ using a global fit to $D X^*$ final states. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
368	Measurement of the $\Xi \rightarrow \Xi^*$ transition form factor. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	246
367	Measurements of the $\Xi$ mass and the mass difference of the $\Xi$ and $\Xi^*$ at BABAR. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	26
366	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} D^{(*)} \ell^+ \ell^-$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
365	Search for a low-mass higgs boson in $Upsilon(3S) \rightarrow \gamma A^0(0)$ , $A^0(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , <b>2009</b> , 103, 181801	7.4	51
364	Improved measurement of $B^+ \rightarrow \rho^+ \rho^0$ and determination of the quark-mixing phase angle $\alpha$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 141802	7.4	20
363	Improved limits on lepton-flavor-violating tau decays to $l \pi^0$ , $l \rho^0$ , $l K$ , and $l \bar{K}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 021801	7.4	10
362	Measurement of $B \rightarrow K^{(*)} \gamma$ branching fractions and CP and Isospin asymmetries. <i>Physical Review Letters</i> , <b>2009</b> , 103, 211802	7.4	28
361	Evidence for the $\eta(b)(1S)$ meson in radiative $Upsilon(2S)$ decay. <i>Physical Review Letters</i> , <b>2009</b> , 103, 161801	7.4	67



360	Search for invisible decays of the Upsilon(1S). <i>Physical Review Letters</i> , <b>2009</b> , 103, 251801	7.4	35
359	Evidence for $X(3872) \rightarrow \psi(2S)\gamma$ in $B(\pm) \rightarrow X(3872)K(\pm)$ decays and a study of $B \rightarrow c\bar{c}[\text{over } \gamma]K$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 132001	7.4	134
358	Measurement of the $e^+e^- \rightarrow b\bar{b}[\text{over } \gamma]$ Cross Section between $\sqrt{s}=10.54$ and $11.20$ GeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 012001	7.4	57
357	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K(*)l^+l^-$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 091803	7.4	58
356	Dalitz plot analysis of $B \rightarrow \pi\pi\pi$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	42
355	Measurement of $D^0$ - $D^0[\text{over } 0]$ mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K\pi^+\pi^-$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 103, 211801	7.4	34
354	Measurement of $B \rightarrow X\gamma$ decays and determination of $ V_{td}/V_{ts} $ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 161803	7.4	2
353	Experimental study of vapor-cell magneto-optical traps for efficient trapping of radioactive atoms. <i>European Physical Journal D</i> , <b>2009</b> , 53, 89-96	1.3	10
352	Model-independent search for the decay $B^+ \rightarrow l^+ \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
351	Observation and polarization measurement of $B^0 \rightarrow a_1(1260) a_1(1260) \pi$ decay. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4
350	Dalitz plot analysis of $B \rightarrow D \pi$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	41
349	Observation of B meson decays to $K^*$ and improved measurements for $B^0$ and $B^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
348	Branching fractions and CP-violating asymmetries in radiative B decays to $K \pi$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
347	Constraints on the CKM angle $\gamma$ in $B^0 \rightarrow D^0 \bar{K}^0$ and $B^0 \rightarrow D^0 K^0$ from a Dalitz analysis of $D^0$ and $D^0$ decays to $KS \pi$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
346	Observation of the baryonic B-decay $B^0 \rightarrow \bar{p} p K^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4
345	Search for $B^0$ meson decays to $\bar{K}^0 S^0 K^0$ , $K^0 S^0 K^0$ , and $\bar{K}^0 S^0 K^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	3
344	Measurement of the $B^+ \rightarrow \bar{p} \pi^+$ and $B^+ \rightarrow \bar{p} \pi^0$ branching fractions. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
343	Search for the decay $B^+ \rightarrow K^0 \bar{K}^0 \pi^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	12

342	Measurement of the semileptonic decays $B \rightarrow D^+ \pi^-$ and $B \rightarrow D^{*+} \pi^-$ <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
341	Time-dependent amplitude analysis of $B^0 \rightarrow K_S^0 \pi^0$ <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37
340	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$ <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	63
339	Search for Lepton Flavor Violating Decays $B \rightarrow l \bar{l} s^0$ with the BABAR Experiment. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
338	Evidence for $B^+ \rightarrow K^+ K^* K^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
337	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^{*0}$ decays. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
336	B meson decays to charmless meson pairs containing $\bar{D}^0$ or $D^0$ mesons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
335	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^+ \pi^-$ and $K^+ K^-$ <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	30
334	Dalitz plot analysis of $D_s^{+-} \rightarrow \pi^+ \pi^- \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	31
333	Search for B-meson decays to $b_1^0$ and $b_1 K^*$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	6
332	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	108
331	Search for the rare leptonic decays $B^+ \rightarrow l^+ \pi^0$ ( $l = e, \mu$ ) <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
330	Accurate measurements of transition frequencies and isotope shifts of laser-trapped francium. <i>Optics Letters</i> , <b>2009</b> , 34, 893-5	3	13
329	Measurement of the branching fraction and $\pi$ polarization in $B^0 \rightarrow \pi^+ \pi^-$ <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	11
328	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow cc \bar{K}^{(*)0}$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	84
327	Measurement of time dependent CP asymmetry parameters in $B^0$ meson decays to $\bar{K} S^0$ , $\bar{K} K^0$ , and $\pi K S^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	24
326	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> , <b>2009</b> , 79,	4.9	75
325	Study of $D_s J$ decays to $D^* K$ in inclusive $e^+ e^-$ interactions. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	86

324	Measurement of CP violation observables and parameters for the decays $B_{\pm} \rightarrow DK^{*\mp}$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	8
323	Observation of the bottomonium ground state in the decay $\Upsilon(3S) \rightarrow \gamma \eta'$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 071801	7.4	132
322	Measurement of the branching fractions of the rare decays $B^0 \rightarrow Ds^{(*)} + \bar{B}^0 \rightarrow Ds^{(*)} + \pi^0$ and $B^0 \rightarrow Ds^{(*)} \bar{K}^{(*)0}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
321	Measurement of the mass difference $m(B^0) - m(B^+)$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
320	Study of hadronic transitions between $\chi$ states and observation of $\chi(4S) \rightarrow \chi(1S)$ decay. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
319	Search for $B \rightarrow K^{*0} \pi$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
318	Time-dependent Dalitz plot analysis of $B^0 \rightarrow D^0 K^0 \pi$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	7
317	Dalitz plot analysis of the decay $B^0(B^{\pm}) \rightarrow K^0 \pi^{\pm}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
316	Observation of $B^0 \rightarrow \bar{D}^0 K^{*0}$ and evidence for $B^+ \rightarrow \bar{D}^0 K^{*+}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	6
315	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^0 \pi^0$ , $K^0 \pi^+$ , and $\pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
314	Search for $B^+ \rightarrow \pi^0 \pi^+$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	62
313	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	19
312	Search for the rare charmless hadronic decay $B^+ \rightarrow \pi^0 \pi^+$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	5
311	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K_S^0 \pi^0$ and of the branching fraction $B^0 \rightarrow K^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	9
310	Study of $B \rightarrow X(3872) K$ , with $X(3872) \rightarrow J/\psi \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	75
309	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	23
308	Improved measurement of the CKM angle $\beta$ in $B^{\pm} \rightarrow D^{(*)} K^{(*)\mp}$ decays with a Dalitz plot analysis of D decays to $K_S^0 \pi^0$ and $K_S^0 K^+ K^-$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	63
307	Study of $B^{\pm} \rightarrow \pi^0 \pi^{\pm}$ and $B^{\pm} \rightarrow \pi^+ \pi^0 \pi^{\mp}$ decays at BABAR. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	32

306	Study of the decay $D_{s^+} \rightarrow K^+ K^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
305	Improved measurement of CP observables in $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	10
304	Observation of $e^+e^- \rightarrow \mu^+\mu^-$ near $\sqrt{s}=10.58$ GeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
303	Measurement of the $B \rightarrow X_s \gamma$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	55
302	Study of resonances in exclusive B decays to $D^0(*) D^0(*) K$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	100
301	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \pi^0$ and $K_L^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
300	Searches for the decays $B^0 \rightarrow \ell^+ \ell^-$ and $B^+ \rightarrow \ell^+ \ell^0$ ( $\ell = e, \mu$ ) using hadronic tag reconstruction. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	20
299	Measurements of branching fractions for $B^+ \rightarrow \pi^+ \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
298	Search for $B^0 \rightarrow K^+ K^- \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
297	Observation of $B^+ \rightarrow b_1^+ K^0$ and search for B-meson decays to $b_1^0 K^0$ and $b_1^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
296	Measurement of the $B \rightarrow \pi \pi$ branching fraction and a search for a second-class current in the $B \rightarrow \pi(958) \pi$ decay. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	24
295	Search for the decays $B^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow \mu^+ \mu^-$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	4
294	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> , <b>2008</b> , 77,	4.9	43
293	Measurements of $e^+e^- \rightarrow K^+ K^- K^0 \bar{K}^0$ , and $K_S^0 K^0 \pi^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	127
292	Measurement of the branching fraction, polarization, and CP asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ decay, and implications for the CKM angle $\beta$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	24
291	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^0 \pi^0 \gamma$ and $D^0 \rightarrow \pi^0 \pi^0 \gamma$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
290	Study of B-meson decays to $\bar{B} K^0(*)$ , $\bar{B} (2S) K^0(*)$ , and $\bar{B} K^0(*)$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	19
289	Search for the highly suppressed decays $B \rightarrow K^+ \pi^-$ and $B \rightarrow K^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	12

288	Observation of $B^+ \rightarrow \pi^+ \pi^0$ and search for $B^0$ decays to $\pi^+ \pi^-$ , $\pi^0 \pi^0$ , and $\pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2008</b> , 78, 111801	4.9	9
287	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi \pi^+ \pi^- \nu_\tau$ , and into $\phi K^+ K^- \nu_\tau$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 011801	7.4	55
286	Measurement of the decay $B^+ \rightarrow D^{*0} e^+ \nu_e$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 231803	7.4	15
285	Observation of the semileptonic decays $B \rightarrow D^* \tau \nu_\tau$ and evidence for $B \rightarrow D \tau \nu_\tau$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 021801	7.4	79
284	Study of excited charm-strange baryons with evidence for new baryons $\Lambda_c(3055)^+$ and $\Lambda_c(3123)^+$ . <i>Physical Review D</i> , <b>2008</b> , 77, 111801	4.9	61
283	Measurements of partial branching fractions for $B \rightarrow X \ell \nu$ and determination of $ V_{ub} $ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 171802	7.4	15
282	Measurement of the absolute branching fraction of $D^0 \rightarrow K^- \pi^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 051803	7.4	8
281	Search for CP violation in the decays $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^- \pi^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 061803	7.4	60
280	Observation of $B^+ \rightarrow a_1^+ (1260) K^0$ and $B^0 \rightarrow a_1^- (1260) K^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 051803	7.4	15
279	Measurement of diffusion coefficients of francium and rubidium in yttrium based on laser spectroscopy. <i>Physical Review A</i> , <b>2008</b> , 78, 013401	2.6	4
278	Measurement of the spin of the $\chi(1530)$ resonance. <i>Physical Review D</i> , <b>2008</b> , 78, 111801	4.9	13
277	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\text{tag}} \rightarrow D^* K_{\text{tag}}$ decays. <i>Physical Review D</i> , <b>2008</b> , 78, 111801	4.9	7
276	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 101, 021801	7.4	20
275	Measurement of the branching fractions of exclusive $B \rightarrow D^{(*)} (\pi) l^- \nu_l$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2008</b> , 100, 151802	7.4	20
274	Evidence for direct CP violation from Dalitz-plot analysis of $B_{\text{tag}} \rightarrow K_{\text{tag}} \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2008</b> , 78, 111801	4.9	58
273	Measurements of $B(B^0 \rightarrow \bar{D}^+ p)$ and $B(B^+ \rightarrow \bar{D}^0 p)$ and studies of $\bar{D}^*$ resonances. <i>Physical Review D</i> , <b>2008</b> , 78, 111801	4.9	47
272	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K_1^{+/-}$ and $B^{+/-} \rightarrow \phi K_2^{*+/-}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 161801	7.4	21
271	Searches for B meson decays to $\phi \pi \pi$ , $\phi \rho \pi$ , $\phi f_0(980)$ , and $f_0(980) f_0(980)$ final states. <i>Physical Review Letters</i> , <b>2008</b> , 101, 201801	7.4	8

270	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 171803	7.4	15
269	Measurement of the CP asymmetry in $b \rightarrow s\gamma$ using a sum of exclusive final states. <i>Physical Review Letters</i> , <b>2008</b> , 101, 171804	7.4	9
268	Observation of $B_{(0)} \rightarrow K_{(0)} K_{(0)}$ and Search for $B_{(0)} \rightarrow K_{(0)} K_{(0)}$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 081801	7.4	21
267	Observation of $Y(3940) \rightarrow J/\psi \omega$ in $B \rightarrow J/\psi \omega K$ at BABAR. <i>Physical Review Letters</i> , <b>2008</b> , 101, 082001	7.4	111
266	Measurements of $B \rightarrow \{\pi, \eta, \eta', \nu\} \ell \bar{\nu}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 081801	7.4	22
265	Measurement of the branching fractions of $B \rightarrow D^{**}(\ell) \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2008</b> , 101, 261802	7.4	28
264	Search for CPT and lorentz violation in $B_0 - \bar{B}_0$ oscillations with dilepton events. <i>Physical Review Letters</i> , <b>2008</b> , 100, 131802	7.4	45
263	Search for lepton flavor violating decays $\tau_{+/-} \rightarrow l_{+/-} \omega$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 071802	7.4	15
262	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 091801	7.4	6
261	A francium MOT for atomic parity violation measurements <b>2008</b> ,		4
260	Measurement of decay amplitudes of $B \rightarrow J/\psi^*, (\psi(2S)) K^*$ , and $\bar{B}^0 K^*$ with an angular analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	33
259	Observation of $B^+ \rightarrow \bar{B}^0 K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
258	Study of $B_0 \rightarrow \pi\pi$ , $B^\pm \rightarrow \pi\pi$ , and $B^\pm \rightarrow K\pi$ decays, and isospin analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
257	Study of the exclusive initial-state-radiation production of the $D\bar{D}^*$ system. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	73
256	Inclusive $\bar{B}^+$ production in $e^+e^-$ annihilations at $s=10.54$ GeV and in $\psi(4S)$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	15
255	Measurement of the $\bar{B} \rightarrow K^0 \pi^0$ branching fraction. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
254	Search for prompt production of $\bar{B}$ and $X(3872)$ in $e^+e^-$ annihilations. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	2
253	Search for the decay $B^+ \rightarrow K^0(892) K^+$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9

252	Measurement of the relative branching fractions of $B \rightarrow D/D^*/D^{**} \ell \bar{\ell}$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
251	Search for neutral B-meson decays to $a_0 \pi a_0 K$ , $\eta$ , and $\eta'$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
250	Measurement of CP asymmetry in $B^0 \rightarrow K_S 0 \pi \pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	10
249	Search for $D^0 D^0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
248	Search for the reactions $e^+ e^- \rightarrow \eta \pi^+ \pi^-$ and $e^+ e^- \rightarrow e^+ \pi^- \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	8
247	Measurements of the branching fractions of $B^0 \rightarrow K^{*0} K + K \pi$ , $B^0 \rightarrow K^{*0} \eta$ , $B^0 \rightarrow K^{*0} K + \pi$ and $B^0 \rightarrow K^{*0} \eta$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
246	Search for $B^0 \rightarrow \eta' (K + \pi)$ decays with large $K + \pi$ invariant mass. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	13
245	$e^+ e^- \rightarrow K + K \pi \pi$ , $K + K \pi \pi$ and $K + K \pi \pi$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	86
244	Measurement of the $B \rightarrow \eta \pi$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	11
243	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{*+} D^{*-}$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
242	Measurement of CP asymmetries in $B^0 \rightarrow K_S 0 K_S 0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	5
241	Branching fraction measurement of $B^0 \rightarrow D^{(*)} \pi$ and $B \rightarrow D^{(*)} 0$ and isospin analysis of $B \rightarrow D^{(*)} \pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
240	Improved measurements of the branching fractions for $B^0 \rightarrow \eta \pi$ and $B^0 \rightarrow K + \pi$ and a search for $B^0 \rightarrow K + K \pi$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	33
239	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
238	Study of inclusive $B^0$ and $B^0$ decays to flavor-tagged D, Ds, and $\bar{B}^+$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
237	Measurement of B decays to $\eta' K$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
236	Study of $e^+ e^- \rightarrow \pi^+ \pi^- \pi^0$ , $\pi^+ \pi^- \pi^0$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	81
235	The $e^+ e^- \rightarrow 2(\eta \pi)$ , $2(\eta \pi) K + K \pi$ and $K + K \pi$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	111



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233	Francium sources and traps for fundamental interaction studies. <i>European Physical Journal: Special Topics</i> , <b>2007</b> , 150, 389-392	2.3	26
232	Study of $B_0 \rightarrow \pi^0 \pi^0$ decays and constraints on the CKM angle $\beta$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	46
231	Amplitude analysis of the $B^+ \rightarrow \pi^+ \phi(1020) \pi^0$ decay. <i>Physical Review Letters</i> , <b>2007</b> , 99, 201802	7.4	24
230	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 221801	7.4	36
229	Improved limits on the lepton-flavor violating decays $\tau^- \rightarrow \ell^+ \ell^- \ell^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251803	7.4	36
228	Measurements of CP-violating asymmetries in the decay $B_0 \rightarrow K^+ K^- K^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 161802	7.4	32
227	Evidence for charged B meson decays to $a_1(1260) \pi^0$ and $a_1(1260) \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 261801	7.4	12
226	Measurement of CP-violating asymmetries in $B_0 \rightarrow \pi^0 \pi^0$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
225	Measurements of $B^+$ branching fractions of Cabibbo-suppressed decay modes involving $\pi^0$ and $\eta$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
224	Search for $b \rightarrow u$ transitions in $B \rightarrow [K^+ \pi^0] DK$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	4
223	Search for $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	39
222	Observation of a Charmed Baryon Decaying to $D_s^0 p$ at a Mass Near $2.94 \text{ GeV}/c^2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 012001	7.4	97
221	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98,	7.4	4
220	Measurement of the CP asymmetry and branching fraction of $B_0 \rightarrow \rho^0 K^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051803	7.4	6
219	Improved measurement of CP violation in neutral B decays to $c\bar{c}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 171803	7.4	31
218	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 201801	7.4	12
217	Amplitude analysis of the decay $D_0 \rightarrow K_S^0 \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	24

216	Evidence of a broad structure at an invariant mass of 4.32 GeV/c <sup>2</sup> in the reaction $e^+e^- \rightarrow \pi^+\pi^-\psi(2S)$ measured at BABAR. <i>Physical Review Letters</i> , <b>2007</b> , 98, 212001	7.4	200
215	Observation of decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)-} K^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 081801	7.4	9
214	Measurement of the Time-Dependent CP Asymmetry in $B_{CP}^{(*)} \rightarrow D_{CP}^{(*)} h$ Decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 081801	7.4	8
213	Observation of CP violation in $B(0) \rightarrow K^{(*)} \pi^{(*)}$ and $B(0) \rightarrow \pi^{(*)} \pi^{(*)}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 021603	7.4	54
212	Measurement of the pseudoscalar decay constant $f_D$ using charm-tagged events in $e^+e^-$ collisions at square root $s=10.58$ GeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 141801	7.4	39
211	Search for lepton flavor violating decays $\tau^{(*)} \rightarrow l^{(*)} \pi^0$ , $\tau^{(*)} \rightarrow l^{(*)} \eta$ , $\tau^{(*)} \rightarrow l^{(*)} \eta'$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 061803	7.4	33
210	Measurement of $\cos 2\beta$ in $B_{CP}^{(*)} \rightarrow D_{CP}^{(*)} h$ decays with a time-dependent Dalitz plot analysis of $D \rightarrow K_S^0 \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 231802	7.4	17
209	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{CP}^{(*)} \rightarrow D^{(*)} \pi^+ \pi^- K^{(*)}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251801	7.4	31
208	Vector-tensor and vector-vector decay amplitude analysis of $B^0 \rightarrow \phi K^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051801	7.4	40
207	Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \gamma$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 211804	7.4	7
206	Evidence for $D^0$ - $\bar{D}^0$ mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211802	7.4	186
205	Production and decay of $\Omega_{cc}^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 062001	7.4	21
204	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> , <b>2007</b> , 98, 091801	7.4	52
203	Evidence for $B(0) \rightarrow \rho(0) \rho(0)$ decays and implications for the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 111801	7.4	11
202	Observation of $B \rightarrow \eta' K^*$ and evidence for $B^+ \rightarrow \eta' \rho^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051802	7.4	7
201	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> , <b>2007</b> , 98, 151802	7.4	22
200	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^{(*)+} D^{(*)-}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 071801	7.4	19
199	Measurements of CP-violating asymmetries in $B^0 \rightarrow a_1^{(*)} \pi^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 181803	7.4	25

198	Observation of CP violation in $B \rightarrow \eta K^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031801	7.4	21
197	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 241803	7.4	15
196	Evidence for the $B^0 \rightarrow \rho^0 \pi^0$ and $B^+ \rightarrow \rho^+ K^0$ decays and study of the decay dynamics of B meson decays into $\rho \pi$ final states. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
195	Measurement of the hadronic form factor in $D^0 \rightarrow K^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
194	Francium sources at Laboratori Nazionali di Legnaro: Design and performance. <i>Review of Scientific Instruments</i> , <b>2006</b> , 77, 03A701	1.7	5
193	Measurement of branching fractions and resonance contributions for $B^0 \rightarrow D^0 K^+ \pi^-$ and search for $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 011803	7.4	13
192	Measurement of the spin of the omega(-) hyperon. <i>Physical Review Letters</i> , <b>2006</b> , 97, 112001	7.4	17
191	Observation of $e^+e^-$ annihilation into the $C = +1$ hadronic final states $\rho(0)\rho(0)$ and $\phi\rho(0)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 112002	7.4	8
190	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 171805	7.4	52
189	Measurements of the absolute branching fractions of $B^+ \rightarrow K^+ X(cc)$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 052002	7.4	60
188	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a $K^*$ meson. <i>Physical Review Letters</i> , <b>2006</b> , 97, 201802	7.4	18
187	Measurements of neutral B decay branching fractions to $K_S^0 \pi^0$ final states and the charge asymmetry of $B^0 \rightarrow K^+ \pi^-$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	26
186	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 97, 201801	7.4	41
185	Observation of Upsilon(4S) decays to $\pi^+ \pi^- \Upsilon(1S)$ and $\pi^+ \pi^- \Upsilon(2S)$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 232001	7.4	39
184	Study of $e^+e^- \rightarrow \rho^0 \pi^0$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	180
183	Measurement of the $B \rightarrow \pi l \nu$ branching fraction and determination of absolute value of $V_{ub}$ with tagged B mesons. <i>Physical Review Letters</i> , <b>2006</b> , 97, 211801	7.4	36
182	Observation of an excited charm baryon Omega $c^*$ decaying to Omega $c^0 \gamma$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 232001	7.4	86
181	Observation of $B^+ \rightarrow \phi \pi^+ K^0$ and evidence for $B^0 \rightarrow \phi \pi^0 K^0$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , <b>2006</b> , 97, 261803	7.4	4

180	Search for D <sup>0</sup> -D <sup>0</sup> mixing and branching-ratio measurement in the decay D <sup>0</sup> →K <sup>+</sup> π <sup>-</sup> π <sup>0</sup> . <i>Physical Review Letters</i> , <b>2006</b> , 97, 221803	7.4	17
179	Search for lepton flavor violation in the decay τ <sup>+</sup> →e <sup>+</sup> γ. <i>Physical Review Letters</i> , <b>2006</b> , 96, 041801	7.4	91
178	Measurements of branching fraction, polarization, and charge asymmetry of B <sup>+</sup> →ρ <sup>+</sup> ρ <sup>0</sup> (0) and a search for B <sup>+</sup> →ρ <sup>+</sup> f <sub>0</sub> (980). <i>Physical Review Letters</i> , <b>2006</b> , 97, 261801	7.4	23
177	Dalitz plot analysis of the decay B <sup>0</sup> →K <sup>+</sup> K <sup>-</sup> K <sup>0</sup> . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	52
176	Measurement of the $\bar{B} \rightarrow \pi^0 \pi^0$ transition form factors at q <sup>2</sup> =112 GeV <sup>2</sup> . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	59
175	Measurement of the absolute branching fractions B→D <sup>0</sup> D <sup>0</sup> * with a missing mass method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
174	Measurement of the branching fraction and photon energy moments of B→X <sub>s</sub> γ and A(CP)(B→X(s+d)γ)). <i>Physical Review Letters</i> , <b>2006</b> , 97, 171803	7.4	52
173	Observation of a new D <sub>s</sub> meson decaying to DK at a mass of 2.86 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2006</b> , 97, 222001	7.4	117
172	Search for the rare decay B <sup>0</sup> →τ <sup>+</sup> τ <sup>-</sup> at BABAR. <i>Physical Review Letters</i> , <b>2006</b> , 96, 241802	7.4	27
171	Observation of B <sup>0</sup> meson decay to a 1 <sup>+</sup> /(1260)π <sup>+</sup> . <i>Physical Review Letters</i> , <b>2006</b> , 97, 051802	7.4	39
170	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to D <sup>(*)</sup> D <sup>(*)</sup> , and implications for the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	20
169	Study of the decay B <sup>0</sup> →D <sup>+</sup> π <sup>-</sup> . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
168	Search for the decay B <sup>0</sup> →KS <sup>0</sup> KS <sup>0</sup> L <sup>0</sup> . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
167	Measurement of the D <sup>+</sup> →π <sup>0</sup> and D <sup>+</sup> →K <sup>+</sup> π <sup>0</sup> branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
166	Measurement of the B <sup>0</sup> →D <sup>0</sup> K <sup>+</sup> π <sup>-</sup> branching fraction. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	6
165	Precise branching ratio measurements of the decays D <sup>0</sup> →π <sup>0</sup> and D <sup>0</sup> →K <sup>+</sup> π <sup>-</sup> relative to the D <sup>0</sup> →K <sup>+</sup> π <sup>0</sup> decay. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
164	Branching fraction measurements of charged B decays to K <sup>+</sup> K <sup>+</sup> K <sup>-</sup> π <sup>0</sup> and K <sup>+</sup> K <sup>0</sup> π <sup>0</sup> and K <sup>+</sup> π <sup>0</sup> π <sup>0</sup> final states. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
163	Searches for B <sup>0</sup> decays to K <sup>0</sup> , π <sup>0</sup> π <sup>0</sup> , π <sup>0</sup> , and π <sup>+</sup> π <sup>-</sup> . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12

162	Study of the X(3872) and Y(4260) in $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	76
161	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
160	Search for rare quark-annihilation decays, $B^0 \rightarrow D_s^*(*) K$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	7
159	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $cc\bar{c}$ production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	35
158	Search for the rare decays $B^0 \rightarrow D_s^*(*) a_0(2)^{\pm}$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	5
157	Search for the decay of a $B^0$ or $B^{\pm}$ meson to $K^{\pm*} 0 K^0$ or $K^* 0 K^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
156	Measurements of CP-violating asymmetries and branching fractions in B decays to $K$ and $\pi$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
155	Branching fraction limits for $B^0$ decays to $\pi^{\pm} \pi^0$ and $\pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
154	Measurement of $B^0 \rightarrow D^*(*) 0 K^0$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	15
153	Measurement of the ratio $B(B^+ \rightarrow X e^+ \nu)/B(B^0 \rightarrow X e^+ \nu)$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
152	Search for doubly charmed baryons $\Xi_{cc}^+$ and $\Xi_{cc}^{++}$ in BABAR. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	116
151	Search for $B^+ \rightarrow \pi^+ \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
150	Measurements of the decays $B^0 \rightarrow D^0 p \bar{p}$ , $B^0 \rightarrow D^{*0} p \bar{p}$ , $B^0 \rightarrow D^0 \bar{p} p$ , and $B^0 \rightarrow D^{*0} \bar{p} p$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	27
149	Study of $B \rightarrow D^*(*) D_s(J)^(*)$ decays and measurement of $D_s$ and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	29
148	Search for the decay $B^+ \rightarrow \pi^+ \pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
147	Observation of the exclusive reaction $e^+ e^- \rightarrow \tau^+ \tau^-$ at $\sqrt{s}=10.58$ GeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
146	Search for B meson decays to $\pi^0 K$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
145	Search for $B^+ \rightarrow X(3872) K^+$ , $X(3872) \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	106

144	Search for the decay $B^0 \rightarrow a_1 \pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
143	Measurement of CP observables for the decays $B^\pm \rightarrow DCP^0 K^\pm$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
142	Search for the decay $B \rightarrow 3\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	4
141	B meson decays to $K^*$ , $\pi\pi$ , and $\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
140	Production of radioactive beams of francium. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 557, 390-396	1.2	14
139	Performance and Aging Studies of BaBar Resistive Plate Chambers. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2006</b> , 158, 139-142		3
138	Search for the rare decay $B^0 \rightarrow D^{*0} \pi$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	1
137	Amplitude analysis of the decay $B^\pm \rightarrow \pi\pi\pi$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	30
136	Dalitz plot analysis of $D^0 \rightarrow K^0 K + K \pi$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	18
135	Search for the radiative decay $B^0 \rightarrow \gamma \pi$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	6
134	Measurements of B meson decays to $K^*$ and $\pi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	5
133	Study of $B \rightarrow \pi$ and $B \rightarrow \eta$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	27
132	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	12
131	Study of $p\bar{p} \rightarrow$ two neutral pseudoscalar mesons at the $\pi^0(13P0)$ formation energy. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
130	$e^+e^- \rightarrow \pi^0 \pi^0 K + K \pi \pi$ and $K + K \bar{K} + K \pi$ cross sections at center-of-mass energies 0.5-1.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	109
129	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} \bar{D}_s^{(*)+}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	7
128	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X K$ , $X \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	71
127	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow K_S^0 \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	19

126	Study of the $B \rightarrow 3h \pi h + \pi$ decay. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	13
125	Measurement of CP asymmetries in $B^0 \rightarrow \pi^0 K^0$ and $B^0 \rightarrow K^+ K^- s^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	36
124	Results of a search for the $h_c(P11)$ state of charmonium in the $B^0$ and $J/\psi$ decay modes. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	58
123	Search for the decay $B \rightarrow 4\pi(0)$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	9
122	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D^0 K^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
121	Study of $b \rightarrow c$ interference in the decay $B \rightarrow [K^+ \pi^-] D K^*$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	8
120	Measurement of the $B^0 \rightarrow D^* D s^{*+}$ and $D s^{*+} \rightarrow \pi$ branching fractions. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	25
119	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K^0 \pi^+$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	16
118	Measurement of the ratio $B(B \rightarrow D^* 0 K^0)/B(B \rightarrow D^* 0 \pi^0)$ and of the CP asymmetry of $B \rightarrow D C P^{*+} 0 K^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	13
117	Measurement of the resonance parameters of the (13P1) and (13P2) states of charmonium formed in antiproton-proton annihilations. <i>Nuclear Physics B</i> , <b>2005</b> , 717, 34-47	2.8	14
116	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	8
115	Measurement of the angular distribution in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 610, 177-182	4.2	14
114	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> , <b>2005</b> , 552, 276-291	1.2	14
113	E835 at FNAL: Charmonium Spectroscopy in Annihilations. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2005</b> , 142, 98-103		4
112	Charmonium spectroscopy. <i>Progress in Particle and Nuclear Physics</i> , <b>2005</b> , 54, 615-651	10.6	3
111	Measurements of the branching fraction and CP-violation asymmetries in $B^0 \rightarrow f_0(980) K^0 S$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 041802	7.4	20
110	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> , <b>2005</b> , 71,	4.9	23
109	Search for lepton flavor violation in the decay $\tau_{+/-} \rightarrow \mu^+ \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 041802	7.4	121



108	Evidence for $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$ , and measurement of the branching fraction and search for direct CP violation in $B^+ \rightarrow K^0 \pi^+$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 221801	7.4	8
107	Measurement of the branching ratios $B \rightarrow e^+ e^- J/\psi$ and $B \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	3
106	Search for the decay $B^+ \rightarrow K^+ \nu \nu$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 101801	7.4	34
105	Search for strange-pentaquark production in $e^+ e^-$ annihilation at $\sqrt{s} = 10.58$ GeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 042002	7.4	27
104	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0 \bar{B}^0$ oscillations. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	36
103	Bound on the ratio of decay amplitudes for $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^{*0}$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 081801	7.4	4
102	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} \pi^\pm$ decays and constraints on $\sin(2\beta + \gamma)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 251801	7.4	12
101	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> , <b>2004</b> , 93, 201801	7.4	13
100	Measurement of the branching fraction for $B \rightarrow D^0 K$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	11
99	Measurements of CP-violating asymmetries in $B^0 \rightarrow K^0 (s) \pi^0$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 131805	7.4	18
98	Search for $B^0$ decays to invisible final states and to $\nu \nu \gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 091802	7.4	10
97	Searches for $B^0$ decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , <b>2004</b> , 93, 181806	7.4	11
96	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> , <b>2004</b> , 93, 181805	7.4	15
95	Measurement of branching fractions and charge asymmetries in $B^\pm \rightarrow \rho^\pm \pi^0$ and $B^\pm \rightarrow \rho^0 \pi^\pm$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 051802	7.4	24
94	Measurement of the direct CP asymmetry in $b \rightarrow s \gamma$ Decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 021804	7.4	25
93	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	47
92	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , <b>2004</b> , 92, 181801	7.4	30
91	Search for the rare leptonic decay $B^\pm \rightarrow \mu^\pm \nu(\mu)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 221803	7.4	5

90	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta K$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 041801	7.4	50
89	Determination of the Branching Fraction for $B \rightarrow X_c D$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , <b>2004</b> , 93,	7.4	57
88	Measurement of the branching fractions for inclusive $B \rightarrow D$ and $B \rightarrow D^0$ decays to flavor-tagged D, Ds, and $\bar{D}$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
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86	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 201802	7.4	12
85	Search for $D^0 \bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	20
84	Branching fraction measurements of $B \rightarrow \bar{B} K$ decays. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
83	Search for $B^+ \rightarrow [K(-/+)\pi(+/-)](D)K^+/-$ and upper limit on the $b \rightarrow u$ amplitude in $B^+ \rightarrow DK^+/-$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 131804	7.4	5
82	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^0 K^*$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 141801	7.4	8
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80	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*-}/\pi^+/-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 251802	7.4	12
79	Measurements of the branching fractions of charged B decays to $K \pi \pi$ final states. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	23
78	Measurement of the $B^0 \rightarrow K_2^*(1430) 0$ and $B^+ \rightarrow K_2^*(1430)^+ \pi$ branching fractions. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	24
77	Search for the decay $B^0 \rightarrow J/\psi \pi$ <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
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75	Measurements of the mass and width of the $\eta(c)$ meson and of an $\eta(c)(2S)$ candidate. <i>Physical Review Letters</i> , <b>2004</b> , 92, 142002	7.4	76
74	Experiment E835 at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 519, 558-609	1.2	23
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70	B meson decays to $(\pi^0)K^*$ , $(\pi^0)\pi^0$ , $\pi^0$ , and $\pi^0$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	56
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68	Measurements of the magnetic form factor of the proton for timelike momentum transfers. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 559, 20-25	4.2	59
67	Measurement of the resonance parameters of the charmonium ground state, $\psi(11S0)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 566, 45-50	4.2	12
66	New measurements of the $\Lambda$ and $K^0$ masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 533, 196-206	4.2	24
65	New measurements of the resonance parameters of the $\psi(13P0)$ state of charmonium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 533, 237-242	4.2	28
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63	Study of the angular distributions of the reactions $p\bar{p} \rightarrow \pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ , $\pi^0 \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	35
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61	The new scintillating fiber detector of E835 at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2001</b> , 461, 219-221 <sup>1,2</sup>	1.2	1
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49	Measurement of the total $e+e^- \rightarrow$ hadrons cross section near the $e+e^- \rightarrow N$ threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 365, 427-430	4.2	28
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43	Study of the $\eta_c(1(1)S_0)$ state of charmonium formed in $p$ -bar $p$ annihilations and a search for the $\eta_c(2(1)S_0)$ . <i>Physical Review D</i> , <b>1995</b> , 52, 4839-4854	4.9	30
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41	Surface analysis of a GaAs electron source using Rutherford backscattering spectroscopy. <i>Applied Physics Letters</i> , <b>1994</b> , 65, 301-302	3.4	15
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38	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> , <b>1994</b> , 334, 431-434	4.2	52
37	Measurement of the cross-section for $e+e^- \rightarrow$ hadrons near the nucleon-antinucleon threshold by the FENICE experiment <b>1994</b> , 107, 2383-2388		

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35	Very-high-resolution energy analyser for electron beams. <i>Measurement Science and Technology</i> , <b>1993</b> , 4, 764-768	2	5
34	Study of the angular distribution of the reaction $p\text{-}\bar{p} \rightarrow \chi_{c2} \rightarrow J/\psi \gamma \rightarrow e^+e^- \gamma$ . <i>Physical Review D</i> , <b>1993</b> , 48, 3037-3044	4.9	29
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30	Evidence for resonances in antiproton-proton annihilations at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 394-398	4.2	48
29	Light quark spectroscopy at the Fermilab antiproton accumulator. <i>Nuclear Physics A</i> , <b>1993</b> , 558, 53-61	1.3	1
28	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> , <b>1993</b> , 337, 34-43	1.2	17
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26	A new measurement of. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 301, 317-320	4.2	19
25	First measurement of the neutron electromagnetic form factor in the time-like region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 283-287	4.2	34
24	Charmonium formation in $pp$ annihilation by experiment E760. <i>Nuclear Physics A</i> , <b>1993</b> , 558, 259-267	1.3	
23	Observation of the $1P1$ state of charmonium. <i>Physical Review Letters</i> , <b>1992</b> , 69, 2337-2340	7.4	128
22	Precision measurements of charmonium states formed in $p\text{-}\bar{p}$ annihilation. <i>Physical Review Letters</i> , <b>1992</b> , 68, 1468-1471	7.4	31
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19	Influence of the laser modes on the energy spread in photoemitted electron beams. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1992</b> , 163, 77-81	2.3	10

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12	A high-intensity electron source from GaAs. <i>Measurement Science and Technology</i> , <b>1990</b> , 1, 665-666	2	5
11	Transversal temperature measurement in electron cooling experiment <b>1989</b> , 102, 823-833		1
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4	Search for a narrow resonance about the $\Omega(2230)$ in the formation channel $p \rightarrow K + K^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 195, 292-294	4.2	14
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2	Experimental study of beam optics and energy recovery for a high-energy electron cooling device <b>1985</b> , 88, 161-170		1
1	Diagnostics with a laser beam in electron cooling experiment. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , <b>1985</b> , 85, 217-228		1

