

# Nicola Neri

## 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.

546  
papers

15,995  
citations

61  
h-index

98  
g-index

567  
ext. papers

18,107  
ext. citations

5  
avg, IF

3.23  
L-index

#	Paper	IF	Citations
546	Search for Darkonium in $e^+e^-$ Collisions.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 021802	7.4	
545	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^\pm, \text{jet})$ decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
544	Progress towards the first measurement of charm baryon dipole moments. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	2
543	Search for long-lived particles decaying to $(e^\pm)(\mu^\pm)(\nu)$ . <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
542	Measurements of the Absolute Branching Fractions of $B^0 \rightarrow K^0 X_{cc}$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 152001	7.4	4
541	Measurement of the $(\eta_c(1S))$ production cross-section in $(p)(p)$ collisions at $(\sqrt{s} = 13)$ ( $\text{TeV}$ ). <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	9
540	Search for CP violation in $(\chi_{c1}^+ \rightarrow p \bar{K}^+ \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	7
539	Physics beyond colliders at CERN: beyond the Standard Model working group report. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2020</b> , 47, 010501	2.9	142
538	Search for lepton-flavor-violating decays $D_0 \rightarrow X_0 e \mu$ . <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
537	Novel Method for the Direct Measurement of the $\mu$ Lepton Dipole Moments. <i>Physical Review Letters</i> , <b>2019</b> , 123, 011801	7.4	10
536	Search for $B \rightarrow \bar{p} \pi^+$ with the BaBar experiment. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	2
535	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4.2	3
534	Search for the decay mode $B_0 \rightarrow p \bar{p} \pi^0$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	1
533	Study of $\chi_c(1S)$ radiative decays to $\pi \pi$ and $K^+ K^-$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	2
532	Measurement of the phase difference between short- and long-distance amplitudes in the $[B \rightarrow \pi \pi]$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2	25
531	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 224	4.2	35
530	Study of charmonium production in $\pi$ -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 609	4.2	10

529	Search for Invisible Decays of a Dark Photon Produced in $e^+e^-$ Collisions at BaBar. <i>Physical Review Letters</i> , <b>2017</b> , 119, 131804	7.4	113
528	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi$ and $B^+ \rightarrow J/\psi K^+$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	2
527	Observation of the suppressed decay $B^0 \rightarrow p\bar{n}\pi^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
526	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	13
525	Measurement of the $D^{*+}(2010) \rightarrow D^+$ Mass Difference. <i>Physical Review Letters</i> , <b>2017</b> , 119, 202003	7.4	1
524	Silicon telescope for prototype sensor characterization using particle beams and cosmic rays. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, C03060-C03060	1	0
523	On the search for the electric dipole moment of strange and charm baryons at LHC. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	25
522	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , <b>2017</b> , 77, 238	4.2	4
521	Evidence for the two-body charmless baryonic decay ( $B^+ \rightarrow \overline{\Lambda} p$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
520	Testbeam results of the first real-time embedded tracking system with artificial retina. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 845, 607-611	1.2	3
519	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4.2	23
518	Evidence for CP violation in $B^+ \rightarrow K^*(892)^0 \pi^+$ from a Dalitz plot analysis of $B^+ \rightarrow K_S^0 \pi^+$ decays. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
517	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
516	Electromagnetic dipole moments of charged baryons with bent crystals at the LHC. <i>European Physical Journal C</i> , <b>2017</b> , 77, 828	4.2	18
515	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^* X$ and kaon tagging. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	2
514	Time-dependent analysis of $B^0 \rightarrow K_S^0 \pi^0$ decays and studies of the $K^{\pm}$ system in $B^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	10
513	Measurement of angular asymmetries in the decays $B \rightarrow K^* \pi$ . <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	20
512	Measurement of the neutral D meson mixing parameters in a time-dependent amplitude analysis of the $D^0 \rightarrow \pi^0$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	7

511	Observation of $B \rightarrow D^{(*)} \ell^{+} \ell^{-} \ell^{-} \ell^{-}$ Decays in $e^{+} e^{-}$ Collisions at the $(4S)$ Resonance. <i>Physical Review Letters</i> , <b>2016</b> , 116, 041801	7.4	8
510	Measurement of the $B_0 \rightarrow D^{*} \mu \mu$ branching fraction. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	5
509	Differential branching fraction and angular moments analysis of the decay $B_0 \rightarrow K + \mu \mu$ in the $K^{*0,2} (1430)_0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
508	4D fast tracking for experiments at high luminosity LHC. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, C11040-C11040	3	
507	Study of $D^{(*)} + sJ$ mesons decaying to $D^{*} + K_0S$ and $D^{*0} K +$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
506	Study of $(2S)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10
505	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	65
504	First observation of the decay $B_0 s \rightarrow K_0S K^{*}(892)_0$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
503	Observation of the $B_0 s \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
502	Angular analysis of the $B_0 \rightarrow K^{*0} \mu \mu$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	232
501	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , <b>2016</b> , 76, 412	4.2	6
500	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , <b>2016</b> , 76, 664	4.2	16
499	Observations of $D b \rightarrow K +$ and $D b \rightarrow K + K$ decays and searches for other $D b$ and $D b$ decays to $B + h$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	17
498	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
497	Observation of $D b \rightarrow (2S) p K$ and $D b \rightarrow J/\psi \Lambda K$ decays and a measurement of the $D b$ baryon mass. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
496	Production of associated Y and open charm hadrons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	25
495	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
494	Measurement of the ratio of branching fractions $(\frac{\mathcal{B}(B \rightarrow J/\psi K^+)}{\mathcal{B}(B \rightarrow J/\psi K^+)} \frac{\mathcal{B}(B \rightarrow J/\psi K^+)}{\mathcal{B}(B \rightarrow J/\psi K^+)})$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	5

493	Measurement of forward $W \rightarrow e\bar{\nu}$ production in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
492	Measurement of the CKM angle $\Gamma$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	23
491	Measurements of the S-wave fraction in $B^0 \rightarrow K + \pi^+\pi^-$ decays and the $B^0 \rightarrow K^*(892)^0 \pi^+\pi^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	48
490	Testbeam studies of pre-prototype silicon strip sensors for the LHCb UT upgrade project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 806, 244-257	1.2	
489	An Artificial retina processor for track reconstruction at the full LHC crossing rate. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 260-262	1.2	1
488	Real time tracking with a silicon telescope prototype using the Artificial retina algorithm. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 343-345	1.2	
487	Model-independent measurement of the CKM angle $\Gamma$ using $B^0 \rightarrow DK^*0$ decays with $D \rightarrow K^0S \pi^+\pi^-$ and $K^0S \pi^+\pi^-$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
486	The artificial retina for track reconstruction at the LHC crossing rate. <i>Nuclear and Particle Physics Proceedings</i> , <b>2016</b> , 273-275, 2488-2490	0.4	1
485	Tests of CPT symmetry in $B^0\bar{B}^0$ mixing and in $B^0 \rightarrow cc\bar{K}^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	4
484	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	66
483	Measurement of the branching fractions of the radiative leptonic $\Gamma$ decays $B \rightarrow e\gamma$ and $B \rightarrow \mu\gamma$ at BABAR. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	8
482	Study of $B^0 \rightarrow J/\psi + K^0\bar{K}^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	27
481	Study of CP asymmetry in $B^0\text{-}B^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2015</b> , 114, 081801	7.4	13
480	Search for Long-Lived Particles in $e^+e^-$ Collisions. <i>Physical Review Letters</i> , <b>2015</b> , 114, 171801	7.4	19
479	Dalitz plot analyses of $B^0 \rightarrow D^0D^0K^+$ and $B^+ \rightarrow D^0D^0K^+$ decays. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	22
478	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
477	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
476	Search for the lepton flavour violating decay $\mu \rightarrow e\gamma$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22

475	Precise measurements of the properties of the $B(5721)^0$ and $B^*(5747)^0$ states and observation of $B^0 \rightarrow \pi^+ \pi^-$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	14
474	Measurement of the $[B \rightarrow \pi \pi]$ production cross-section in proton-proton collisions via the decay $[B \rightarrow \pi \pi]$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4-2	41
473	Simulation and performance of an artificial retina for 40 MHz track reconstruction. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C03008-C03008	1	2
472	Real-time tracking system using precise space and time information of the hit <b>2015</b> ,		1
471	<b>2015</b> ,		2
470	Measurement of the $D^0 \rightarrow \pi^+ \pi^-$ differential decay branching fraction as a function of $q^2$ and study of form factor parametrizations. <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	23
469	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
468	Study of the $e^+e^- \rightarrow K^+K^-$ reaction in the energy range from 2.6 to 8.0 GeV. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	7
467	Measurement of initial-state-final-state radiation interference in the processes $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow \mu^+\mu^- \gamma$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	6
466	Observation of the baryonic decay $B^0 \rightarrow \pi^+ p \bar{K}^0$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	2
465	Collins asymmetries in inclusive charged $K^+K^-$ and $K^0\bar{K}^0$ pairs produced in $e^+e^-$ annihilation. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	13
464	Measurement of CP asymmetries and polarisation fractions in $(B^0 \rightarrow \bar{K}^0 \pi^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	6
463	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	31
462	Search for the $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^+ \pi^-$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	6
461	Measurement of the exclusive $\pi^0$ production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	42
460	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction and search for the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	8
459	Forward production of $\rho$ mesons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	21
458	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \pi^+ \pi^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	22

457	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^* K_S^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	4
456	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	11
455	Measurement of CP violation parameters and polarisation fractions in $(\overline{B}^0 \rightarrow \psi(3700) K^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	12
454	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
453	Search for the decay $(B_s^0 \rightarrow \overline{D}^0 F_0(980))$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	10
452	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	47
451	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	138
450	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
449	Angular analysis of the $B^0 \rightarrow K^* e^+ e^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	20
448	Determination of the branching fractions of $B^0 \rightarrow D^* K^+$ and $B^0 \rightarrow D^* K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	5
447	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , <b>2015</b> , 75, 595	4-2	8
446	The artificial retina processor for track reconstruction at the LHC crossing rate. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C03018-C03018	1	4
445	Search for a dark photon in $e^+e^-$ collisions at BABAR. <i>Physical Review Letters</i> , <b>2014</b> , 113, 201801	7-4	241
444	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* K^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	8
443	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
442	Evidence for the decay $(\overline{B}^0 \rightarrow \psi(3700) K^+)$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	16
441	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	142
440	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^0$ and $D^0 \rightarrow \pi^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	42

439	Study of ( $\chi_c$ ) 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
438	Observation of the $B \rightarrow J/\psi \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	29
437	Observation of the $B \rightarrow J/\psi \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	5
436	Study of the kinematic dependences of $B \rightarrow J/\psi c \bar{c}$ production in pp collisions and a measurement of the $B \rightarrow J/\psi c \bar{c}$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	30
435	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
434	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
433	Search for lepton-number violating $B \rightarrow X \mu^+ \mu^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	22
432	A specialized processor for track reconstruction at the LHC crossing rate. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, C09001-C09001	1	3
431	Search for new $\chi$ -like particles produced in association with a dilepton pair. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	1
430	Bottomonium spectroscopy and radiative transitions involving the $B_{J(1P,2P)}$ states at BaBar. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	5
429	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4-2	233
428	Measurements of direct CP asymmetries in $B \rightarrow X s \bar{s}$ decays using sum of exclusive decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	9
427	Evidence for the decay $B \rightarrow \pi^0 \pi^0$ and search for $B \rightarrow \eta$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	3
426	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$ , $K_S^0 K_L^0 \pi^0$ and $K_S^0 K_S^0 K^0 \bar{K}^0$ from events with initial-state radiation. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	32
425	Search for the decay $B \rightarrow \pi^+ p \bar{p}$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	3
424	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
423	Dalitz plot analysis of $B \rightarrow K^+ K^- \pi^0$ and $B \rightarrow K^+ K^0 \pi^0$ in two-photon interactions. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	16
422	Evidence for the baryonic decay $B \rightarrow D^0 \pi^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	4



421	Study of the reaction $e^+e^- \rightarrow \tau^+\tau^-$ via initial-state radiation at BaBar. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	59
420	Antideuteron production in $\tau$ (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
419	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
418	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
417	Recent developments on CMOS MAPS for the SuperB Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 283-287	1.2	4
416	Analog front-end electronics for the outer layers of the SuperB SVT: Design and expected performances. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 194-196	1.2	3
415	Recent Charm Physics Results from BaBar. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2013</b> , 241-242, 12-17		
414	Advances in the development of pixel detector for the SuperB Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 731, 25-30	1.2	1
413	The front-end chip of the SuperB SVT detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 180-183 <sup>1.2</sup>		3
412	Latest results of the R&D on CMOS MAPS for the Layer0 of the SuperB SVT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 732, 484-487	1.2	1
411	Beam test results for the SuperB-SVT thin striplet detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 314-317	1.2	1
410	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
409	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	10
408	Branching fraction measurement of $B^+ \rightarrow \mu^+\nu_\mu$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
407	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
406	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
405	Study of $e^+e^- \rightarrow \tau^+\tau^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	77
404	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

403	Search for $B \rightarrow K^{(*)} \chi$ and invisible quarkonium decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	80
402	Search for CP violation in $B^0$ - $B^0$ mixing using partial reconstruction of $B^0 \rightarrow D^{*+} X$ and a kaon tag. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101802	7.4	19
401	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
400	Measurement of an excess of $B^+ \rightarrow D^{(*)} \chi$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	340
399	Precision measurement of the $e^+e^- \rightarrow K^+K^- \chi$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	59
398	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
397	Search for CP violation in the decays $D_{s1}^+ \rightarrow KS^0 K^+$ , $D_s^+ \rightarrow KS^0 K^+$ , and $D_s^+ \rightarrow KS^0 \pi^+$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
396	Measurement of the $e^+e^- \rightarrow p\bar{p} \chi$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	40
395	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
394	Measurement of the $B^+ \rightarrow \mu^+ \chi$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
393	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
392	Measurement of the mass of the $D^0$ meson. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	7
391	Search for a light Higgs boson decaying to two gluons or $s\bar{s}$ in the radiative decays of $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
390	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\beta$ with $B_{d1}^+ \rightarrow D^{(*)} K^{(*)} \pi^+$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	29
389	Study of the decay $B_{d1}^0 \rightarrow \pi^+ p \chi$ and its intermediate states. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	3
388	Search for the rare decays $B \rightarrow \mu^+ \chi$ and $B^0 \rightarrow \mu^+ \chi$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
387	Measurement of $D^0 D^0$ mixing and CP violation in two-body $D^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	27
386	Evidence of $B^+ \rightarrow \mu^+ \chi$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	65

385	Measurement of CP-violating asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
384	Recent results on CP violation in charm and $\bar{D}$ decays from BABAR. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 447, 012027	0.3	
383	Observation of time-reversal violation in the $B^0$ meson system. <i>Physical Review Letters</i> , <b>2012</b> , 109, 211801	4.9	96
382	Search for $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	1
381	Measurement of the semileptonic branching fraction of the $B_s$ meson. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	11
380	Search for CP violation in the decay $B^0 \rightarrow K_S^0 \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
379	Observation and study of the baryonic B-meson decays $B \rightarrow D^{(*)} p \bar{p}$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	17
378	$B^0$ meson decays to $\bar{D} K^{*0}$ , $f_0 K^{*0}$ , and $K^{*+}$ , including higher $K^*$ resonances. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	6
377	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- K_S^0$ , $B^+ \rightarrow K^+ K^- K^+$ , and $B^+ \rightarrow K_S^0 K_S^0 K^+$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	58
376	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^1 K^0$ and $B^+ \rightarrow \pi^1 K_S^0$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	42
375	Measurement of $B(B \rightarrow X_s \gamma)$ , the $B \rightarrow X_s \gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow X_s d \bar{d}$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	34
374	Precise measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	110
373	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^{(*)} \mu^+ \mu^-$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	82
372	Study of high-multiplicity three-prong and five-prong $\pi$ decays at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
371	Cross sections for the reactions $e^+e^- \rightarrow K^+ K^- \pi^0 K^+ K^0$ , and $K^+ K^- K^+ K^-$ measured using initial-state radiation events. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	41
370	Study of $X(3915) \rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	52
369	Search for the decay modes $B^0 \rightarrow h^0 \pi^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	21
368	Exclusive measurements of $b \rightarrow s \gamma$ transition rate and photon energy spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	40

367	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})(B \rightarrow X(s+d))$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 191801	7.4	43
366	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
365	Initial-state radiation measurement of the $e^+e^- \rightarrow \mu^+\mu^- \gamma$ cross section. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
364	Study of the baryonic B decay $B \rightarrow \bar{p} + p$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	14
363	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 211801	7.4	52
362	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
361	Search for lepton-number violating processes in $B^+ \rightarrow h^+ l^+$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
360	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
359	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
358	Evidence for an excess of $B \rightarrow D^{*+} \pi^0$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 101802	7.4	456
357	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
356	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
355	Improved limits on $B^0$ decays to invisible (+) final states. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	13
354	Search for resonances decaying to $\mu^+\mu^-$ in two-photon interactions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
353	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
352	Search for the decay $D^0 \rightarrow \bar{p} n$ and measurement of the branching fraction for $D^0 \rightarrow \bar{p} n$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
351	The SuperB Project: Status and the Physics Reach. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 347, 012007.3		
350	Thin pixel development for the SuperB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 650, 169-173	1.2	14

349	Amplitude analysis of $B^0 \rightarrow K^+ \pi^-$ and evidence of direct CP violation in $B \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	21
348	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow \pi^0 K^{*+}$ and $B^+ \rightarrow f_0(980) K^{*+}$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
347	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
346	Search for $b \rightarrow u$ transitions in $B^{\pm} \rightarrow [K^* \pi^0] DK^{\pm}$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
345	Search for CP violation in the decay $D^{\pm} \rightarrow KS^0 \pi^{\pm}$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	19
344	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	33
343	Studies of $B^+ \rightarrow K^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^0$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	27
342	Searches for the baryon- and lepton-number violating decays $B^0 \rightarrow \pi^+ \pi^- B^{\pm} \rightarrow \pi^{\pm} \pi^0$ and $B^{\pm} \rightarrow \pi^{\pm} \pi^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	13
341	Observation of $\bar{D}(1S)$ and $\bar{D}(2S)$ decays to $K^+ K^0 \pi^0$ in two-photon interactions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
340	Observation of the baryonic B decay $B^0 \rightarrow \pi^+ \pi^- K^0$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	2
339	Observation of the rare decay $B^+ \rightarrow K^+ \pi^0 \pi^0$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \pi^0$ , $B^+ \rightarrow f_0(980) K^+$ , and $B^+ \rightarrow \pi^0 K^+$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13
338	Measurement of partial branching fractions of inclusive charmless B meson decays to $K^+$ , $K^0$ , and $\pi^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	3
337	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	8
336	Measurement of the mass and width of the $D_s1(2536)^+$ meson. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	10
335	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
334	Study of $B \rightarrow \pi \pi$ and $B \rightarrow \pi \eta$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	76
333	The SuperB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 636, S168-S172	1.2	9
332	Beam test results of different configurations of deep N-well MAPS matrices featuring in pixel full signal processing. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 628, 234-237	1.2	1

331	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 021804	7.4	43
330	Measurement of the $B \rightarrow D^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	20
329	Branching fraction measurements of the color-suppressed decays $B \rightarrow D^{(*)} D^{(*)} D^{(*)} D^{(*)}$ and $D^{(*)} D^{(*)}$ and measurement of the polarization in the decay $B \rightarrow D^{(*)} D^{(*)}$ <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
328	Analysis of the $D^{*+} \rightarrow K^{*0} e^{+} \mu^{-}$ decay channel. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	25
327	Study of $\Upsilon(3S, 2S) \rightarrow \Upsilon(1S)$ and $\Upsilon(3S, 2S) \rightarrow \eta \Upsilon(1S)$ hadronic transitions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
326	Measurement of the $\bar{B} \rightarrow \bar{D} \pi$ and $\bar{B} \rightarrow \bar{D} \eta$ transition form factors. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	86
325	Search for the decay $B^0 \rightarrow \pi^0 \pi^0$ <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	4
324	Dalitz plot analysis of $D_{s^{*+}} \rightarrow K^{*0} K^{*0}$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	30
323	Measurement of the $B^0 \rightarrow \pi^0 \pi^0$ and $B^{*+} \rightarrow \rho^0 \pi^0$ branching fractions, the $B^0 \rightarrow \pi^0 \pi^0$ and $B^{*+} \rightarrow \rho^0 \pi^0$ form-factor shapes, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	29
322	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. D PRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	2
321	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \pi^0 \pi^0 K$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	5
320	<b>2011</b> ,		7
319	Search for hadronic decays of a light Higgs boson in the radiative decay $H \rightarrow \gamma \gamma$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 221803	7.4	41
318	Search for CP violation using T-odd correlations in $D^{*+} \rightarrow K^{*0} K^0 \pi^0$ and $D_{s^{*+}} \rightarrow K^{*0} K^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
317	Observation of the decay $B^- \rightarrow D(s)((^{*})^+) K^- \pi^0$ <i>Physical Review Letters</i> , <b>2011</b> , 107, 041804	7.4	7
316	Test of lepton universality in $\Upsilon(1S)$ decays at BABAR. <i>Physical Review Letters</i> , <b>2010</b> , 104, 191801	7.4	19
315	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
314	Evidence for direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\beta$ with $B^0 \rightarrow D^{(*)} K^{(*)} \pi^0$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 121801	7.4	42

313	Search for charged lepton flavor violation in narrow epsilon decays. <i>Physical Review Letters</i> , <b>2010</b> , 104, 151802	7.4	14
312	Measurement of $D^0$ - $D^0$ mixing parameters using $D^0 \rightarrow K(S)(0)\pi^0$ and $D^0 \rightarrow K(S)(0)K^+K^-$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081803	7.4	70
311	Search for $f(J)(2220)$ in radiative $J/\psi$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 172001	7.4	6
310	Measurement of CP observables in $B^0 \rightarrow D^0CPK^0$ decays and constraints on the CKM angle $\beta$ <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	26
309	Exclusive production of $D_s^+D_s^-$ , $D_s^*+D_s^-$ and $D_s^*+D_s^*$ via $e^+e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	21
308	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- (\pi^0, \eta, \eta', \eta(558))$ and $K^- (\pi^0, \eta)$ <i>Physical Review Letters</i> , <b>2010</b> , 105, 051602	7.4	38
307	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D^0 \nu(l)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2010</b> , 104, 011802	7.4	57
306	Searches for Lepton flavor violation in the decays $\tau^{\pm} \rightarrow e^{\pm} \gamma$ and $\tau^{\pm} \rightarrow \mu^{\pm} \gamma$ . <i>Physical Review Letters</i> , <b>2010</b> , 104, 021802	7.4	328
305	Measurement of the $\psi \rightarrow \eta$ transition form factor. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	35
304	Measurement of branching fractions of B decays to $K_1(1270)\pi$ and $K_1(1400)\pi$ and determination of the CKM angle $\beta$ from $B^0 \rightarrow a_1(1260)\pi^0$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	13
303	Observation of the $\chi(1372)$ bottomonium state through decays to $\psi(1S)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
302	Search for the rare decay $B \rightarrow K\pi$ <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	20
301	Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow cc\bar{c} \rightarrow \bar{b} + \bar{c} X$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	2
300	Search for $B^+$ meson decay to $a_1^+(1260)K^*(892)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	4
299	Evidence for the decay $X(3872) \rightarrow J/\psi \pi$ <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	119
298	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
297	Search for $B^+ \rightarrow \pi^0 \pi^0$ recoiling against $B \rightarrow D^0 X$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	65
296	B-meson decays to $\pi^0 \pi^0$ , and $\pi^0 K^*$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	9

295	Observation of the rare decay $B_0 \rightarrow K_S^0 K^+ K^-$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	6
294	Observation of inclusive $D^* \pi$ production in the decay of $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	4
293	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
292	Limits on $\mu$ -lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	42
291	Observation of new resonances decaying to $D \pi$ and $D^* \pi$ in inclusive $e^+e^-$ collisions near $\sqrt{s} = 10.58$ GeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	111
290	Observation of the decay $B^0 \rightarrow \pi^+ p \pi^-$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	6
289	Study of $B \rightarrow X \pi$ decays and determination of $ V_{td}/V_{ts} $ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
288	Observation of the $\eta_2(2P)$ meson in the reaction $\Upsilon \rightarrow D D \pi$ at BABAR. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	60
287	Search for CP violation using T-odd correlations in $D_0 \rightarrow K^+ K^- \pi^0$ decays. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
286	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
285	Beam-test results of 4k pixel CMOS MAPS and high resistivity striplet detectors equipped with digital sparsified readout in the SLIM5 low mass silicon demonstrator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 617, 595-600	1.2	5
284	SLIM5 beam test results for thin striplet detector and fast readout beam telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 617, 601-604	1.2	8
283	The high rate data acquisition system for the SLIM5 beam test. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 617, 321-323	1.2	5
282	The superB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 617, 585-587	1.2	13
281	Deep n-well MAPS in a 130 nm CMOS technology: Beam test results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 195-197	1.2	6
280	The SLIM5 low mass silicon tracker demonstrator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 942-953 <sup>1,2</sup>	1.2	21
279	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
278	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



277	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 051803	7.4	26
276	Search for second-class currents in $\tau \rightarrow \omega \pi \nu_{\tau}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 041802	7.4	9
275	Measurements of the semileptonic decays $B \rightarrow D^* \ell$ and $B \rightarrow D^* \ell \nu$ using a global fit to $D^* \ell$ final states. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
274	Measurement of the $B \rightarrow D^* \ell$ transition form factor. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	246
273	Measurements of the $B$ mass and the mass difference of the $B^0$ and $B^{\pm}$ at BABAR. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	26
272	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{*+} D^{*0} \ell$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
271	Search for a low-mass higgs boson in $Upsilon(3S) \rightarrow \gamma A(0)$ , $A(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , <b>2009</b> , 103, 181801	7.4	51
270	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
269	Improved limits on lepton-flavor-violating tau decays to $l \pi$ , $l \rho$ , $l K$ , and $l \bar{K}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 021801	7.4	10
268	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
267	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
266	Search for invisible decays of the $Upsilon(1S)$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 251801	7.4	35
265	Evidence for $X(3872) \rightarrow \psi(2S) \gamma$ in $B^{+/-} \rightarrow X(3872) K^{+/-}$ decays and a study of $B \rightarrow c \bar{c} \gamma$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 132001	7.4	134
264	Measurement of the $e^+ e^- \rightarrow b \bar{b}$ Cross Section between $\sqrt{s} = 10.54$ and $11.20$ GeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 012001	7.4	57
263	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
262	Dalitz plot analysis of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	42
261	Measurement of $D^0$ - $\bar{D}^0$ mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K^+ \pi^- \pi^0$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 103, 211801	7.4	34
260	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

259	A 4096-pixel MAPS device with on-chip data sparsification. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 604, 408-411	1.2	12
258	Model-independent search for the decay $B^+ \rightarrow l^+ \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
257	Observation and polarization measurement of $B^0 \rightarrow a_1(1260) a_1(1260)$ decay. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4
256	Dalitz plot analysis of $B^0 \rightarrow D^+ \pi^-$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	41
255	Observation of B meson decays to $K^*$ and improved measurements for $B^+$ and $B^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
254	Branching fractions and CP-violating asymmetries in radiative B decays to $K^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
253	Constraints on the CKM angle $\beta$ in $B^0 \rightarrow D^0 K^{*0}$ and $B^0 \rightarrow D^0 K^{*0}$ from a Dalitz analysis of $D^0$ and $D^0$ decays to $K_S^0 \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
252	Observation of the baryonic B-decay $B^0 \rightarrow \bar{p}^+ p^0 K^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4
251	Search for $B^0$ meson decays to $D^0 K_S^0 K_S^0$ , $K_S^0 K_S^0$ , and $\bar{K}_S^0 K_S^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	3
250	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+$ branching fractions. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
249	Search for the decay $B^+ \rightarrow K_S^0 K_S^0 \pi^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	12
248	Measurement of the semileptonic decays $B^0 \rightarrow D^0 \pi^+$ and $B^0 \rightarrow D^{*0} \pi^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
247	Time-dependent amplitude analysis of $B^0 \rightarrow K_S^0 \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37
246	Angular distributions in the decay $B^+ \rightarrow K^{*0} l^+ \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	63
245	Search for Lepton Flavor Violating Decays $B^0 \rightarrow l^+ K_S^0$ with the BABAR Experiment. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
244	Evidence for $B^+ \rightarrow K^{*0} K^{*+}$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
243	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
242	B meson decays to charmless meson pairs containing $\bar{b} r$ mesons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14

241	Measurement of $D^0\bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0$ and $K^+K^-$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	30
240	Dalitz plot analysis of $D_s^+ \rightarrow \pi^+\pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	31
239	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
238	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	108
237	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
236	Measurement of the branching fraction and $\rho$ polarization in $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	11
235	On-Chip Fast Data Sparsification for a Monolithic 4096-Pixel Device. <i>IEEE Transactions on Nuclear Science</i> , <b>2009</b> , 56, 1159-1162	1.7	2
234	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
233	Measurement of time dependent CP asymmetry parameters in $B^0$ meson decays to $\bar{K}^0_S$ , $\bar{K}^0$ , and $\bar{K}^0_S$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	24
232	Exclusive initial-state-radiation production of the $D\bar{D}^0$ , $D^*D^0$ , and $D^*D^0$ systems. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	75
231	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
230	Measurement of CP violation observables and parameters for the decays $B_{\pm}^0 \rightarrow DK^{\pm}$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	8
229	Measurement of the branching fractions of the rare decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)+} \bar{K}^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
228	Measurement of the mass difference $m(B^0) - m(B^+)$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
227	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
226	Search for $B \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
225	Time-dependent Dalitz plot analysis of $B^0 \rightarrow D^+ K^0 \pi^-$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	7
224	Dalitz plot analysis of the decay $B^0(B^{\pm}) \rightarrow K^{\pm} \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25

223	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
222	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0, K_S^{*0}$ , and $\bar{D}^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
221	Search for $B^+ \rightarrow \bar{D}^0$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	62
220	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
219	Search for the rare charmless hadronic decay $B^+ \rightarrow \pi^0 \pi^+$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	5
218	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
217	Study of $B \rightarrow X(3872)K$ , with $X(3872) \rightarrow J/\psi \pi$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	75
216	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
215	Improved measurement of the CKM angle $\beta$ in $B^+ \rightarrow D^{(*)} K^{(*)}$ decays with a Dalitz plot analysis of D decays to $K_S^0 \pi^0$ and $K_S^0 K^+ \pi^-$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	63
214	Study of $B^+ \rightarrow \pi^0 \pi^+$ and $B^+ \rightarrow \pi^+ \pi^0$ decays at BABAR. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	32
213	Study of the decay $D_s^+ \rightarrow K^+ K_S^0 \pi^+$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
212	Improved measurement of CP observables in $B^+ \rightarrow D^0 K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	10
211	Observation of $e^+ e^- \rightarrow \bar{D}^0 \pi^0$ near $s=10.58$ GeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
210	Measurement of the $B \rightarrow X_S \pi$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	55
209	Study of resonances in exclusive B decays to $D^0 \pi^+ \pi^- K^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	100
208	Time-dependent and time-integrated angular analysis of $B \rightarrow \bar{K}_S^0 \pi^0$ and $\bar{K}_S^0 \pi^+$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
207	Searches for the decays $B^0 \rightarrow \ell^+ \ell^-$ and $B^+ \rightarrow \ell^+ \pi^0$ ( $\ell = e, \mu$ ) using hadronic tag reconstruction. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	20
206	Measurements of branching fractions for $B^+ \rightarrow \bar{D}^0 \pi^+$ and $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9

205	Search for $B^0 \rightarrow K^{*+} K^{*0}$ <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
204	Observation of $B^+ \rightarrow b_1^+ K^0$ and search for B-meson decays to $b_1^0 K^0$ and $b_1^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
203	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
202	Search for the decays $B^0 \rightarrow e^+ e^- \pi$ and $B^0 \rightarrow \mu^+ \mu^- \pi$ <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	4
201	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
200	Measurements of $e^+ e^- \rightarrow K^+ K^- K^+ K^-$ , 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
199	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
198	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^+ \pi^0 \gamma$ and $D^0 \rightarrow \pi^+ \pi^- \gamma$ <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
197	Study of B-meson decays to $\bar{d} K^*$ , $\bar{d}(2S) K^*$ , and $\bar{d} K^*$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	19
196	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
195	Observation of $B^+ \rightarrow \pi^0$ and search for $B^0$ decays to $\pi^+ \pi^-$ , $\pi^0$ , and $\pi^+$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
194	Charm mixing from BABAR. <i>Chinese Physics C</i> , <b>2008</b> , 32, 463-469	2.2	
193	The associative memory for the self-triggered SLIM5 silicon telescope <b>2008</b> ,		8
192	Development of deep N-well MAPS in a 130 nm CMOS technology and beam test results on a 4k-pixel matrix with digital sparsified readout <b>2008</b> ,		9
191	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi \pi^0 \nu$ tau, and into $\phi K^0 \nu$ tau. <i>Physical Review Letters</i> , <b>2008</b> , 100, 011801	7.4	55
190	Measurement of the decay $B^0 \rightarrow D^{*0} e^- \nu_e$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 231803	7.4	15
189	Observation of the semileptonic decays $B^0 \rightarrow D^{*+} \tau^- \nu_\tau$ and evidence for $B^0 \rightarrow D^+ \tau^- \nu_\tau$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 021801	7.4	79
188	Study of excited charm-strange baryons with evidence for new baryons $\bar{\Lambda}(3055)^+$ and $\bar{\Lambda}(3123)^+$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	61

187	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
186	Measurement of the absolute branching fraction of $D^0 \rightarrow K \pi^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 051802	7.4	8
185	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
184	Measurement of the spin of the $\Upsilon(1530)$ resonance. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	13
183	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\text{charm}} \rightarrow D^* K_{\text{charm}}$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	7
182	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 101, 021801	7.4	20
181	Measurement of the branching fractions of exclusive $B \rightarrow D^*(\pi) \ell \nu$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2008</b> , 100, 151802	7.4	20
180	Evidence for direct CP violation from Dalitz-plot analysis of $B_{\text{charm}} \rightarrow K_{\text{charm}} \pi$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	58
179	Measurements of $B(B^0 \rightarrow \bar{D}^+ \rho^-)$ and $B(B^+ \rightarrow \bar{D}^+ \rho^0)$ and studies of $\bar{D}^+$ resonances. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	47
178	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K^{+/-}$ and $B^{+/-} \rightarrow \phi K^{*+/-}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 161801	7.4	21
177	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
176	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
175	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
174	Observation of $B_s^0 \rightarrow K_s^0 K^0$ and Search for $B_s^0 \rightarrow K_s^0 K^0$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 081801	7.4	21
173	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
172	Measurements of $B \rightarrow \{\pi, \eta, \eta', \dots\} \ell \nu$ 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
171	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
170	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

169	Search for lepton flavor violating decays $\tau \rightarrow l + \nu + \nu$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 071802	7.4	15
168	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 091801	7.4	6
167	Flavor physics of leptons and dipole moments. <i>European Physical Journal C</i> , <b>2008</b> , 57, 13-182	4.2	260
166	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$ , $B \rightarrow \psi(2S) K^*$ , and $B \rightarrow \psi(1K^*)$ with an angular analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	33
165	Observation of $B^+ \rightarrow \mu^+ K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
164	Study of $B^0 \rightarrow \pi^0 \pi^0$ , $B^+ \rightarrow \pi^+ \pi^0$ , and $B^+ \rightarrow K^+ \pi^0$ decays, and isospin analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
163	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
162	Inclusive $\bar{B}^+$ production in $e^+e^-$ annihilations at $\sqrt{s}=10.54$ GeV and in $\psi(4S)$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	15
161	Measurement of the $B \rightarrow K^0 \pi^0$ branching fraction. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
160	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
159	Search for the decay $B^+ \rightarrow K^+ \pi^0(892) K^+$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
158	Measurement of the relative branching fractions of $B^+ \rightarrow D^+ D^* / D^* \pi^+$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
157	Search for neutral B-meson decays to $a_0 \pi a_0 K$ , $\pi$ , and $\pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
156	Measurement of CP asymmetry in $B^0 \rightarrow K_S^0 \pi^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	10
155	Search for $D^0 \bar{D}^0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
154	Search for the reactions $e^+e^- \rightarrow \mu^+ \mu^-$ and $e^+e^- \rightarrow e^+ \pi^-$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	8
153	Measurements of the branching fractions of $B^0 \rightarrow K^* K^+ K^-$ , $B^0 \rightarrow K^* K^0 K^+$ , $B^0 \rightarrow K^* K^+ \pi^-$ and $B^0 \rightarrow K^* K^0 \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
152	Search for $B^0 \rightarrow \pi^+ (K^+ \pi^-)$ decays with large $K^+$ invariant mass. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	13

151	$e^+e^- \rightarrow K^+K^0 \bar{K}^0 K^0$ and $K^+K^0 K^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	86
150	Measurement of the $B^0 \rightarrow \pi^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	11
149	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
148	Measurement of CP asymmetries in $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	5
147	Branching fraction measurement of $B^0 \rightarrow D^{(*)} + \pi^0$ and $B^0 \rightarrow D^{(*)} 0^+$ and isospin analysis of $B^0 \rightarrow D^{(*)} \pi^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
146	Improved measurements of the branching fractions for $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow K^+ \pi^-$ and a search for $B^0 \rightarrow K^+ K^0 \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	33
145	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
144	Study of inclusive $B^0$ and $B^+$ decays to flavor-tagged D, Ds, and $\bar{D}^+$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
143	Measurement of B decays to $\eta' K^0$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
142	Study of $e^+e^- \rightarrow \pi^+ \pi^- \pi^0 \pi^0$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	81
141	The $e^+e^- \rightarrow 2(\pi^0 \pi^0)$ , $2(\pi^0 \pi^0) K^+ K^0$ and $K^+ K^0 \pi^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	111
140	Development of deep N-well monolithic active pixel sensors in a 0.13 $\mu\text{m}$ CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 572, 277-280	1.2	6
139	Recent developments in 130 nm CMOS monolithic active pixel detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2007</b> , 172, 20-24		1
138	Measurement of the CKM angle $\beta$ in $B^0 \rightarrow DK^0$ decays with the BABAR detector: status and prospects. <i>European Physical Journal C</i> , <b>2007</b> , 52, 487-494	4.2	
137	Vertex detector concept for a SuperB factory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 582, 811-813	1.2	2
136	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
135	Amplitude analysis of the $B^+ \rightarrow \phi K^*(892)^+ \pi^0$ decay. <i>Physical Review Letters</i> , <b>2007</b> , 99, 201802	7.4	24
134	Observation of the decay $B^+ \rightarrow K^+ K^0 \pi^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 221801	7.4	36



133	Improved limits on the lepton-flavor violating decays $\tau \rightarrow l^+ l^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251803	7.4	36
132	Measurements of CP-violating asymmetries in the decay $B^0 \rightarrow K^+ K^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 161802	7.4	32
131	Evidence for charged B meson decays to $a_1^{\pm} (1260) \pi^0$ and $a_1(0)(1260) \pi^{\pm}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 261801	7.4	12
130	Measurement of CP-violating asymmetries in $B^0 \rightarrow \rho^0 \rho^0$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
129	Measurements of $B^+$ branching fractions of Cabibbo-suppressed decay modes involving $\rho^0$ and $\omega$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
128	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow [K^+ \omega] DK^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	4
127	Search for $B^+ \rightarrow \rho^0 \pi^+$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	39
126	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
125	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \omega$ . <i>Physical Review Letters</i> , <b>2007</b> , 98,	7.4	4
124	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
123	Improved measurement of CP violation in neutral B decays to $cc[\text{over}]s$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 171803	7.4	31
122	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 201801	7.4	12
121	Amplitude analysis of the decay $D^0 \rightarrow K^+ K^- \omega$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	24
120	Evidence of a broad structure at an invariant mass of $4.32 \text{ GeV}/c^2$ in the reaction $e^+ e^- \rightarrow \pi^+ \pi^- \psi(2S)$ measured at BABAR. <i>Physical Review Letters</i> , <b>2007</b> , 98, 212001	7.4	200
119	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
118	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
117	Measurement of the pseudoscalar decay constant $f_D$ s using charm-tagged events in $e^+ e^-$ collisions at square root $s=10.58 \text{ GeV}$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 141801	7.4	39
116	Measurement of $\cos^2 \beta$ in $B_s^0 \rightarrow D_s^{(*)} h^0$ 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

115	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{\{+/-\}} \rightarrow D\{\pi\{+\}\pi\{-\}\pi\{0\}\}K_{\{+/-\}}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251801	7.4	31
114	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
113	Measurement of branching fractions and mass spectra of $B \rightarrow K\pi\pi\gamma$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 211804	7.4	7
112	Evidence for $D_0$ - $\bar{D}_0$ mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211802	7.4	186
111	Production and decay of $\Omega_c^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 062001	7.4	21
110	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
109	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
108	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
107	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
106	Measurement of CP-violating asymmetries in $B_0 \rightarrow D^*(+/-)D(-/+)$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 071801	7.4	19
105	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
104	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031801	7.4	21
103	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
102	Evidence for the $B_0 \rightarrow \rho \pi K^0$ and $B^+ \rightarrow \rho K^+$ decays and study of the decay dynamics of B meson decays into $\rho \pi$ final states. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
101	Measurement of the hadronic form factor in $D_0 \rightarrow K \pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
100	Recent development on triple well 130 nm CMOS MAPS with in-pixel signal processing and data sparsification capability <b>2007</b> ,		8
99	Proposal of a data sparsification unit for a mixed-mode MAPS detector <b>2007</b> ,		17
98	BaBar silicon vertex tracker: Status and prospects. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 569, 1-4	1.2	1

97	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
96	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
95	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
94	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	40
93	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
92	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
91	Measurements of neutral B decay branching fractions to $KS^0$ final states and the charge asymmetry of $B^0 \rightarrow K^* \pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	26
90	Measurement of the $B^0$ lifetime and the $B^0 B^0$ oscillation frequency using partially reconstructed $B^0 \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	14
89	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
88	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
87	Study of $e^+e^- \rightarrow p\bar{p}$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	180
86	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
85	Observation of an excited charm baryon $\Omega_c^*$ decaying to $\Omega_c \gamma$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 232001	7.4	86
84	Observation of $B^{+/-} \rightarrow \phi \pi^+ K^{+/-}$ and evidence for $B^{(0)} \rightarrow \phi \pi^+ K^{(0)}$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , <b>2006</b> , 97, 261803	7.4	4
83	Search for $D^0$ - $\bar{D}^0$ mixing and branching-ratio measurement in the decay $D^0 \rightarrow K^+ \pi^- \pi^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 221803	7.4	17
82	Search for lepton flavor violation in the decay $\tau^{+/-} \rightarrow e^{+/-} \gamma$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 041801	7.4	91
81	Measurements of branching fraction, polarization, and charge asymmetry of $B^{+/-} \rightarrow \rho^{+/-} \rho^{(0)}$ and a search for $B^{+/-} \rightarrow \rho^{+/-} f_0(980)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 261801	7.4	23
80	Dalitz plot analysis of the decay $B \rightarrow K \bar{K} K^*$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	52

79	Measurement of the $\Gamma$ and $\Delta$ transition form factors at $q^2=112 \text{ GeV}^2$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	59
78	Measurement of the absolute branching fractions $B \rightarrow D^0 D^{*0}$ with a missing mass method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
77	Observation of a new $D_s$ meson decaying to $DK$ at a mass of $2.86 \text{ GeV}/c^2$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 222001	7.4	117
76	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , <b>2006</b> , 96, 221801	7.4	20
75	Search for the rare decay $B^0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , <b>2006</b> , 96, 241802	7.4	27
74	Observation of $B^0$ meson decay to a $1^-(1260)\pi^+$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 051802	7.4	39
73	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)}D^0$ , and implications for the Cabibbo-Kobayashi-Maskawa angle $\beta$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	20
72	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
71	Search for the decay $B^0 \rightarrow K_S^0 K_S^0 K_L^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
70	Measurement of the $D^+ \rightarrow \pi^0 \pi^+$ and $D^+ \rightarrow K^0 \pi^+$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
69	Measurement of the $B \rightarrow D^0 K^0$ branching fraction. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	6
68	Precise branching ratio measurements of the decays $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow K_S^0 \pi^0$ relative to the $D^0 \rightarrow K_S^0 \pi^0$ decay. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
67	Branching fraction measurements of charged B decays to $K^*+K^0$ , $K^*+\pi^0$ , $K^*+\pi^+$ and $K^*+\pi^-$ final states. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
66	Searches for $B^0$ decays to $K_S^0$ , $\pi^0 \pi^0$ , $\pi^0 \pi^+$ , and $\pi^0 \pi^-$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
65	Study of the X(3872) and Y(4260) in $B^0 \rightarrow J/\psi K_S^0$ and $B \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	76
64	The $e^+e^- \rightarrow 3(\pi^0)$ , $2(\pi^0)\pi^0$ and $K^+K^0(\pi^0)$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	107
63	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
62	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	7

61	Study of the $DsJ^*(2317)^+$ and $DsJ(2460)^+$ 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
60	Search for the rare decays $B_0 \rightarrow Ds^*(*) + a_0(2)^{\pm}$ <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	5
59	Search for the decay of a $B_0$ or $B^0$ meson to $K^{\pm*}0K^0$ or $K^*0K^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
58	Measurements of CP-violating asymmetries and branching fractions in B decays to $\bar{K}$ and $\pi$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
57	Branching fraction limits for $B_0$ decays to $\bar{K}^0\pi^0$ and $\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
56	Measurement of $B^0 \rightarrow D^*(*)0K^0$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	15
55	Measurement of the ratio $B(B^{+-} \rightarrow Xe^{\pm})/B(B^0 \rightarrow Xe^{\pm})$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
54	Measurement of branching fractions in radiative B decays to $\bar{K}^0$ and search for B decays to $\bar{K}^0\pi^0$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
53	Search for doubly charmed baryons $\bar{d}c^+$ and $\bar{d}c^{++}$ in BABAR. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	116
52	Search for $B^{+-} \rightarrow \pi^{\pm}\pi^0$ and $B^0 \rightarrow \pi^0\pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
51	Study of $B \rightarrow D^*(*)Ds(J)^*$ decays and measurement of $Ds^{\pm}$ and $DsJ(2460)^{\pm}$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	29
50	Search for the decay $B^{+-} \rightarrow \pi^{\pm}\pi^0$ <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
49	Observation of the exclusive reaction $e^+e^- \rightarrow \gamma^* \rightarrow \bar{c}c$ at $\sqrt{s}=10.58$ GeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
48	Search for B meson decays to $\bar{K}^0K$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
47	Search for $B^{+-} \rightarrow X(3872)K^+$ , $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	106
46	Search for the decay $B_0 \rightarrow a_1\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
45	Measurement of CP observables for the decays $B^{\pm} \rightarrow DCP^0K^{\pm}$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
44	Search for the decay $\bar{B} \rightarrow 3\pi^0$ <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	4

43	B meson decays to $B^*$ , $D^*$ , and $D$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
42	Development of 130nm CMOS Monolithic Active Pixels with In-pixel Signal Processing <b>2006</b> ,		2
41	A new approach to the design of monolithic active pixel detectors in 0.13 $\mu$ m triple well CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 569, 61-64	1.2	1
40	Performance and Aging Studies of BaBar Resistive Plate Chambers. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2006</b> , 158, 139-142		3
39	Status and prospects of the BaBar SVT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 560, 5-8	1.2	2
38	Search for the rare decay $B^0 \rightarrow D^* K^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	1
37	Lessons learned from BaBar silicon vertex tracker, limits, and future perspectives of the detector. <i>IEEE Transactions on Nuclear Science</i> , <b>2005</b> , 52, 787-792	1.7	1
36	Amplitude analysis of the decay $B^0 \rightarrow D^* K^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	30
35	Search for the rare decays $B^+ \rightarrow D^* K^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	5
34	Dalitz plot analysis of $D^0 \rightarrow K^0 K^0 K^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	18
33	Search for the radiative decay $B^0 \rightarrow \gamma K^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	6
32	Study of $B \rightarrow D$ and $B \rightarrow D^*$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	27
31	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 D^*$ decays. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	22
30	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow K_S^0 D^*$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	19
29	Study of the $B \rightarrow D^* K^0$ decay. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	13
28	Measurement of CP asymmetries in $B^0 \rightarrow D^* K^0$ and $B^0 \rightarrow K^0 K^0 K^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	36
27	Search for the decay $B \rightarrow D^* K^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	9
26	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D^* K^0$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3

25	Study of b->c interference in the decay $B \rightarrow [K+][DK^*]$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	8
24	Measurement of the $B_0 \rightarrow D^* D_s^{*+}$ and $D_s^{*+} \rightarrow \eta$ branching fractions. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	25
23	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K^* \eta$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	16
22	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	8
21	BaBar forward endcap upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 539, 155-171	1.2	9
20	What can be learned from the BABAR Silicon Vertex Tracker running experience. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 552, 224-231	1.2	
19	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
18	Radiation damage studies for the BaBar Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 549, 11-15	1.2	1
17	Improved measurement of CP asymmetries in $B_0 \rightarrow (cc)K(0^{*})$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 161803	7.4	92
16	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \eta$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	23
15	Search for lepton flavor violation in the decay $\tau_{\pm} \rightarrow \mu_{\pm} \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 041802	7.4	121
14	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
13	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
12	Performance, radiation damage, and future plans of the BABAR silicon vertex tracker. <i>IEEE Transactions on Nuclear Science</i> , <b>2004</b> , 51, 2298-2301	1.7	2
11	Sensor performance of the BaBar Silicon Vertex Tracker after 4 years of data taking. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 518, 286-289	1.2	
10	Radiation hardness and monitoring of the BaBar vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 518, 290-294	1.2	7
9	The BaBar Silicon Vertex Tracker: performance and radiation damage studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 530, 7-11	1.2	1
8	A study for the detection of ionizing particles with phototransistors on thick high-resistivity silicon substrates. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 530, 98-104	1.2	7

7	Performances of RPCs in the BaBar experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 515, 322-327 <sup>1,2</sup>	1.2	13
6	Mechanisms affecting performance of the BaBar resistive plate chambers and searches for remediation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 508, 128-132	1.2	16
5	Status and future plans of the BABAR Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 511, 1-5	1.2	3
4	The BaBar instrumented flux return performance: lessons learned. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 494, 455-463	1.2	8
3	The BaBar silicon-vertex tracker: performance, running experience, and radiation-damage studies. <i>IEEE Transactions on Nuclear Science</i> , <b>2002</b> , 49, 3284-3289	1.7	12
2	Resistive plate chamber performance in the BaBar IFR system. <i>IEEE Transactions on Nuclear Science</i> , <b>2002</b> , 49, 888-893	1.7	3
1	Triple Well CMOS Active Pixel Sensor with In-Pixel Full Signal Analog		7