

# Francesco Forti

## 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.

734  
papers

24,801  
citations

72  
h-index

122  
g-index

770  
ext. papers

26,847  
ext. citations

4.9  
avg, IF

4.84  
L-index

#	Paper	IF	Citations
734	B-flavor tagging at Belle II. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	0
733	Precise Measurement of the $D^{\{0\}}$ and $D^{\{+\}}$ Lifetimes at Belle II. <i>Physical Review Letters</i> , <b>2021</b> , 127, 211801	7.4	0
732	Measurements of the Absolute Branching Fractions of $B^{\{\pm\}} \rightarrow K^{\{\pm\}} X_{cc}^{\{\pm\}}$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 152001	7.4	4
731	Measurement of the integrated luminosity of the Phase 2 data of the Belle II experiment. <i>Chinese Physics C</i> , <b>2020</b> , 44, 021001	2.2	8
730	Search for lepton-flavor-violating decays $D^0 \rightarrow X^0 e^{\pm} \mu^{\mp}$ . <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
729	Search for $B \rightarrow \mu^{\pm} \mu^{\mp}$ with the BaBar experiment. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	2
728	Measurement of $\cos 2\beta$ in $B^0 \rightarrow D^{(*)} h^0$ with $D \rightarrow K S^0 \mu^{\pm} \mu^{\mp}$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
727	Search for the decay mode $B^0 \rightarrow p p p \bar{p}$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	1
726	First Evidence for $\cos 2\beta_0$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , <b>2018</b> , 121, 261801	7.4	4
725	Study of $\psi(1S)$ radiative decays to $\mu^{\pm} \mu^{\mp}$ and $K^+ K^-$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	2
724	Study of the process $e^+ e^- \rightarrow \mu^{\pm} \mu^{\mp}$ using initial state radiation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	8
723	Measurement of the $e^+ e^- \rightarrow \mu^{\pm} \mu^{\mp}$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	13
722	Measurement of the $D^{\{0\}}(2010)^{\{+\}} - D^{\{+\}}$ Mass Difference. <i>Physical Review Letters</i> , <b>2017</b> , 119, 202003	7.4	1
721	Evidence for CP violation in $B^+ \rightarrow K^*(892)^+ \mu^{\pm}$ from a Dalitz plot analysis of $B^+ \rightarrow K S^0 \mu^{\pm}$ decays. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
720	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
719	Observation of $B \rightarrow D^{(*)} \mu^{\pm} \mu^{\mp} \mu^{\pm} \mu^{\mp}$ Decays in $e^{\{+\}} e^{\{-\}}$ Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , <b>2016</b> , 116, 041801	7.4	8
718	PFM2: A 32 $\mu\text{m}^2$ readout chip for the PixFEL X-ray imager demonstrator <b>2016</b> ,		1

717	First experimental results on active and slim-edge silicon sensors for XFEL. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, C12018-C12018	1	0
716	Belle II silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 831, 80-84	1.2	2
715	The PixFEL project: Progress towards a fine pitch X-ray imaging camera for next generation FEL facilities. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 131-134	1.2	
714	Design and TCAD simulation of planar p-on-n active-edge pixel sensors for the next generation of FELs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 384-385	1.2	4
713	PFM2: a 32 B2 processor for X-ray diffraction imaging at FELs. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, C11033-C11033	1	
712	A 2D imager for X-ray FELs with a 65 nm CMOS readout based on per-pixel signal compression and 10 bit A/D conversion. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 831, 301-308	1.2	1
711	Tests of CPT symmetry in $B^0\bar{B}^0$ mixing and in $B^0 \rightarrow \text{cc}\bar{K}^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	4
710	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
709	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
708	Study of CP asymmetry in $B^0 - \bar{B}^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2015</b> , 114, 081801	7.4	13
707	Search for Long-Lived Particles in $e^+e^-$ Collisions. <i>Physical Review Letters</i> , <b>2015</b> , 114, 171801	7.4	19
706	Dalitz plot analyses of $B^0 \rightarrow D^0 K^+$ and $B^+ \rightarrow D^+ K^0$ decays. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	22
705	The PixFEL project: development of advanced X-ray pixel detectors for application at future FEL facilities. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C02024-C02024	1	7
704	PixFEL: developing a fine pitch, fast 2D X-ray imager for the next generation X-FELs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 796, 2-7	1.2	5
703	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
702	Search for a light Higgs resonance in radiative decays of the $\chi(1S)$ with a charm tag. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	7
701	Measurement of initial-state-final-state radiation interference in the processes $e^+e^- \rightarrow B^0 \bar{B}^0$ and $e^+e^- \rightarrow B^+ B^-$ <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	6
700	First Observation of CP Violation in $B^0 \rightarrow D_{CP}^{(*)} h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , <b>2015</b> , 115, 121604	7.4	10

699	Observation of the baryonic decay $B_{cb} \rightarrow \bar{c} + p + K_{cb}^+$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	2
698	Search for a dark photon in $e^{(+)}e^{(-)}$ collisions at BABAR. <i>Physical Review Letters</i> , <b>2014</b> , 113, 201801	7.4	241
697	Effects of Substrate Thinning on the Properties of Quadruple Well CMOS MAPS. <i>IEEE Transactions on Nuclear Science</i> , <b>2014</b> , 61, 1039-1046	1.7	1
696	CMOS MAPS in a Homogeneous 3D Process for Charged Particle Tracking. <i>IEEE Transactions on Nuclear Science</i> , <b>2014</b> , 61, 700-707	1.7	
695	Search for lepton-number violating $B_{cb} \rightarrow X_{cb}^+$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	22
694	First results of the Belle II Silicon Vertex Detector readout system. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, C12005-C12005	1	1
693	Search for new $D$ -like particles produced in association with a dilepton pair. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	1
692	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
691	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
690	Evidence for the decay $B_0 \rightarrow \bar{c} + d$ and search for $B_0 \rightarrow \bar{c} + s$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
689	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$ , $K_S^0 K_L^0 \pi^0$ , $K_S^0 K_S^0 \pi^0$ and $K_S^0 K_S^0 K^+ K^-$ from events with initial-state radiation. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	32
688	Search for the decay $B_{cb} \rightarrow \bar{c} + p + \pi^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
687	Measurement of the $B \rightarrow X_{cb}$ 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
686	Dalitz plot analysis of $\bar{c} \rightarrow K^+ K^- d$ and $\bar{c} \rightarrow K^+ K^- s$ in two-photon interactions. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
685	Evidence for the baryonic decay $B_{cb} \rightarrow D_0^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	4
684	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
683	Functional test of a Radon sensor based on a high-resistivity-silicon BJT detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 302-304	1.2	3
682	Monolithic Pixel Sensors for Fast Silicon Vertex Trackers in a Quadruple Well CMOS Technology. <i>IEEE Transactions on Nuclear Science</i> , <b>2013</b> , 60, 2343-2351	1.7	2

681	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
680	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
679	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
678	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
677	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
676	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
675	Branching fraction measurement of $B^+ \rightarrow \mu^+ \nu_\mu$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
674	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
673	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
672	Study of $e^+e^- \rightarrow pp\bar{p}$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	77
671	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
670	Search for $B \rightarrow K^{(*)} \chi$ and invisible quarkonium decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	80
669	Search for CP violation in $B^0$ - $B^0$ 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
668	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
667	Measurement of an excess of $B^0 \rightarrow D^{(*)} \chi$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	34 <sup>0</sup>
666	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
665	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
664	Search for CP violation in the decays $D^0 \rightarrow KS^0 K^0$ , $D_s^0 \rightarrow KS^0 K^0$ , and $D_s^+ \rightarrow KS^0 K^+$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9

663	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	40
662	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
661	Measurement of the $B \rightarrow \mu^+\mu^-$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
660	Production of charged pions, kaons, and protons in $e^+e^-$ annihilations into hadrons at $\sqrt{s}=10.54$ GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	37
659	Measurement of the mass of the $D_0$ meson. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	7
658	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
657	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\beta$ with $B_{\mu} \rightarrow D^{(*)}K^{(*)}\mu$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	29
656	Study of the decay $B_{\mu} \rightarrow \mu^+p\mu$ and its intermediate states. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	3
655	Search for the rare decays $B \rightarrow \mu\mu$ and $B_0 \rightarrow \mu\mu$ <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
654	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
653	Evidence of $B \rightarrow \mu\mu$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	65
652	Measurement of CP-violating asymmetries in $B_0 \rightarrow \mu\mu$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
651	Observation of time-reversal violation in the $B_0$ meson system. <i>Physical Review Letters</i> , <b>2012</b> , 109, 211801,	4.9	96
650	Search for $B_{\mu} \rightarrow \mu^+X\mu$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	1
649	Performance of a radon sensor based on a BJT detector on high-resistivity silicon <b>2012</b> ,		2
648	Measurement of the semileptonic branching fraction of the $B_s$ meson. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	11
647	Search for CP violation in the decay $B \rightarrow K_s^0(\mu\mu)$ <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
646	$B_0$ meson decays to $D\bar{K}^*0$ , $f_0K^*0$ , and $\bar{K}^{*+}$ , including higher $K^*$ resonances. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	6

645	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- S^0$ , $B^+ \rightarrow K^+ K^- K^+$ , and $B^+ \rightarrow K^0 K^0 K^+$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	58
644	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^1 K^{\mp}$ and $B^+ \rightarrow \pi^1 K^0 \pi^{\mp}$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	42
643	Measurement of $B(B \rightarrow Xs^{\pm})$ , the $B \rightarrow Xs^{\pm}$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow Xs^{\pm} d^{\pm}$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	34
642	Precise measurement of the $e^+e^- \rightarrow \pi^0 \pi^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	110
641	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^{(*)} \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	82
640	Study of high-multiplicity three-prong and five-prong $\pi^0$ decays at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
639	Cross sections for the reactions $e^+e^- \rightarrow K^+ K^- \pi^0 K^+ K^0 \pi^0$ , and $K^+ K^- K^+ K^-$ measured using initial-state radiation events. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	41
638	Study of $X(3915) \rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	52
637	Exclusive measurements of $b \rightarrow s^{\pm}$ transition rate and photon energy spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	40
636	Precision measurement of the $B \rightarrow Xs^{\pm}$ photon energy spectrum, branching fraction, and direct CP asymmetry $A_{CP}^{\text{dir}}(B \rightarrow X(s+d)^{\pm})$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 191801	7.4	43
635	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^{*+} D^{*0}$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
634	Study of the baryonic B decay $B^{\pm} \rightarrow \bar{p}^0 + p^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	14
633	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 211801	7.4	52
632	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
631	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
630	Amplitude analysis and measurement of the time-dependent CP asymmetry of $B^0 \rightarrow K^0 K^0 K^0 K^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	14
629	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow e^{\pm} \pi^{\mp}$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
628	Evidence for an excess of $B \rightarrow D^{*0} \pi^0$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 101802	7.4	456

627	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
626	Branching fraction of $B\rightarrow K_s^0 K^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
625	Improved limits on $B^0$ decays to invisible ( $\chi$ ) final states. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	13
624	Search for resonances decaying to $\chi\chi$ in two-photon interactions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
623	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
622	Search for the decay $D^0\rightarrow\chi$ and measurement of the branching fraction for $D^0\rightarrow\chi\chi$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
621	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
620	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
619	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B\rightarrow\pi K^{*+}$ and $B\rightarrow f_0(980)K^{*+}$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
618	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
617	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
616	Search for CP violation in the decay $D\rightarrow KS^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	19
615	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	33
614	Studies of $B\rightarrow K$ and $B\rightarrow\pi$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	27
613	Searches for the baryon- and lepton-number violating decays $B^0\rightarrow\bar{b}+l\bar{\nu}B^0$ and $B\rightarrow\pi\pi$ <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	13
612	Observation of $\psi(1S)$ and $\psi(2S)$ decays to $K+K\pi$ in two-photon interactions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
611	Observation of the baryonic B decay $B\rightarrow\bar{b}+K$ <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	2
610	Observation of the rare decay $B\rightarrow K^+\pi\pi$ and measurement of the quasi-two-body contributions $B\rightarrow K^*(892)^+\pi$ , $B\rightarrow f_0(980)K^+$ , and $B\rightarrow\pi^0 K^+$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13



609	Measurement of partial branching fractions of inclusive charmless B meson decays to $K^+$ , $K^0$ , and $\bar{K}^0$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	3
608	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	8
607	Measurement of the mass and width of the $Ds_1(2536)^+$ meson. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	10
606	Evidence for the $hb(1P)$ meson in the decay $\Upsilon(3S) \rightarrow \eta' hb(1P)$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	22
605	Study of $B \rightarrow \eta'$ and $B \rightarrow \eta$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	76
604	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
603	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
602	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
601	Measurement of the $B \rightarrow D^0 D^{*0} K$ branching fractions. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	20
600	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{*0} D^0$ , $D^{*0} D^0 D^{*0} D^0$ and $D^{*0} D^0$ and measurement of the polarization in the decay $B^0 \rightarrow D^{*0} D^0$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
599	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
598	Measurement of the $\eta' \rightarrow \eta$ and $\eta' \rightarrow \eta'$ transition form factors. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	86
597	Search for the decay $B^0 \rightarrow \eta'$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	4
596	Dalitz plot analysis of $Ds^+ \rightarrow K^+ K^0 \eta'$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	30
595	Measurement of the $B^0 \rightarrow \eta'$ and $B^+ \rightarrow \eta' \pi^+$ branching fractions, the $B^0 \rightarrow \eta'$ and $B^+ \rightarrow \eta' \pi^+$ form-factor shapes, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	29
594	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
593	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \eta' K$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	5
592	<b>2011</b> ,		7

591	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow \gamma \pi^0$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 221803	7.4	41
590	Search for CP violation using T-odd correlations in $D^{*+} \rightarrow K^+ K S^0$ and $D_s^{*+} \rightarrow K^+ K S^0$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
589	Observation of the decay $B^- \rightarrow D(s)((^*)^+) K^-$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 041804	7.4	7
588	Test of lepton universality in $(\pi^1 S)$ decays at BABAR. <i>Physical Review Letters</i> , <b>2010</b> , 104, 191801	7.4	19
587	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
586	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle $\beta$ with $B^? \rightarrow D(^*)K(^*)?$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 121801	7.4	42
585	Search for charged lepton flavor violation in narrow upsilon decays. <i>Physical Review Letters</i> , <b>2010</b> , 104, 151802	7.4	14
584	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters using $D^0 \rightarrow K(S)(0)$ and $D^0 \rightarrow K(S)(0)K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081803	7.4	70
583	Search for $f(J)(2220)$ in radiative $J/\psi$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 172001	7.4	6
582	Measurement of CP observables in $B \rightarrow DCPK$ decays and constraints on the CKM angle $\beta$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	26
581	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
580	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- (\pi^0 \pi^0 \pi^0 \pi^0)$ and $K^- (\pi^0 \pi^0)$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 051602	7.4	38
579	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D l^- \nu(l)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , <b>2010</b> , 104, 011802	7.4	57
578	Searches for Lepton flavor violation in the decays $\tau_{\{+/-\}} \rightarrow e_{\{+/-\}} \gamma$ and $\tau_{\{+/-\}} \rightarrow \mu_{\{+/-\}} \gamma$ . <i>Physical Review Letters</i> , <b>2010</b> , 104, 021802	7.4	328
577	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle $\beta$ from $B^0 \rightarrow a_1(1260) \pi^0$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	13
576	Observation of the $(\pi^1 3D_J)$ bottomonium state through decays to $\pi^0 (\pi^1 S)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
575	Search for the rare decay $B \rightarrow K \pi$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	20
574	Correlated leading baryon-antibaryon production in $e^+ e^- \rightarrow c \bar{c} \rightarrow \bar{p} + \pi^+ c \bar{c}$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	2

573	Search for B+ meson decay to $a_1(1260)K^*(892)$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	4
572	Evidence for the decay $X(3872) \rightarrow J/\psi \eta$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	119
571	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
570	Search for $B^+ \rightarrow \eta \eta'$ recoiling against $B \rightarrow D^0 X$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	65
569	B-meson decays to $\eta \eta' f_0$ , and $\eta K^*$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	9
568	Observation of the rare decay $B^0 \rightarrow K_S^0 \eta \eta'$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	6
567	Observation of inclusive $D^* \eta$ production in the decay of $\psi(1S)$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	4
566	Measurement of the absolute branching fractions for $D_s \rightarrow \eta \eta'$ and extraction of the decay constant $f_{D_s}$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	24
565	Limits on lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	42
564	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
563	Observation of the decay $B^0 \rightarrow \eta' p \eta$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	6
562	Study of $B \rightarrow X \eta$ decays and determination of $ V_{td}/V_{ts} $ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
561	Observation of the $\eta(2(2P))$ meson in the reaction $\psi \rightarrow D D \eta$ at BABAR. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	60
560	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \eta$ decays. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
559	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
558	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, 601-604	1.2	5
557	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
556	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

555	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
554	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
553	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
552	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
551	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
550	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 051803	7.4	26
549	Search for second-class currents in $\tau \rightarrow \omega \pi^0 \nu_\tau$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 041802	7.4	9
548	Measurements of the semileptonic decays $B \rightarrow D \ell$ and $B \rightarrow D^* \ell$ using a global fit to $D X$ final states. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
547	Measurement of the $B \rightarrow 0$ transition form factor. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	246
546	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
545	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} D^{(*)} \ell$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
544	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
543	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
542	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
541	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
540	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
539	Search for invisible decays of the $Upsilon(1S)$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 251801	7.4	35
538	Evidence for $X(3872) \rightarrow \psi(2S) \gamma$ in $B^{(\pm)} \rightarrow X(3872) K^{(\pm)}$ decays and a study of $B \rightarrow c \bar{c} \gamma K$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 132001	7.4	134

537	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
536	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
535	Dalitz plot analysis of $B_{\mu} \rightarrow \mu\mu\mu$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	42
534	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
533	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
532	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
531	Model-independent search for the decay $B^+ \rightarrow l^+\mu^+\mu^-$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
530	Observation and polarization measurement of $B^0 \rightarrow a_1(1260)^+ a_1(1260)^- \pi^0$ decay. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4
529	Dalitz plot analysis of $B_{\mu} \rightarrow D^+\mu^-$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	41
528	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
527	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
526	Constraints on the CKM angle $\phi_n$ in $B^0 \rightarrow D^0 K^{*0}$ and $B^0 \rightarrow D^0 K^0$ from a Dalitz analysis of $D^0$ and $\bar{D}^0$ decays to $KS^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
525	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
524	Search for $B^0$ meson decays to $\bar{D}^0 K^0 K^0$ , $K^0 K^0 K^0$ , and $\bar{K}^0 K^0 K^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	3
523	Measurement of the $B^+ \rightarrow D^+ \mu^+$ and $B^+ \rightarrow D^+ \pi^+$ branching fractions. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
522	Search for the decay $B^+ \rightarrow K^0 K^0 \pi^+$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	12
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520	Time-dependent amplitude analysis of $B^0 \rightarrow K^0 \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37

519	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	63
518	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
517	Evidence for $B \rightarrow K^* 0 K^{*+}$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
516	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
515	B meson decays to charmless meson pairs containing $\bar{b} \rightarrow \bar{u}$ mesons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	14
514	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^+ \bar{K}^0$ and $K^+ K^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	30
513	Dalitz plot analysis of $D_{s^{++}} \rightarrow \bar{u} \bar{u}$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	31
512	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
511	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	108
510	Search for the rare leptonic decays $B \rightarrow l^+ l^- (\bar{l} = e, \mu)$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	14
509	Measurement of the branching fraction and $\rho$ polarization in $B^0 \rightarrow \rho^+ \rho^-$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	11
508	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
507	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow c \bar{c} K^* 0$ decays. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	84
506	Measurement of time dependent CP asymmetry parameters in $B^0$ meson decays to $\bar{K}^* 0$ , $\bar{K}^0$ , and $\bar{D}^* K^* 0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	24
505	Exclusive initial-state-radiation production of the $D \bar{D}^*$ , $D^* \bar{D}$ and $D^* \bar{D}^*$ systems. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	75
504	Study of $D_{sJ}$ decays to $D^* K$ in inclusive $e^+ e^-$ interactions. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	86
503	Measurement of CP violation observables and parameters for the decays $B_{\bar{H}} \rightarrow D K^* \bar{H}$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	8
502	Observation of the bottomonium ground state in the decay $\Upsilon(3S) \rightarrow \gamma \eta \text{etab}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 071801	7.4	132

501	Measurement of the branching fractions of the rare decays $B^0 \rightarrow D_s^{(*)} + \bar{B}^0 \rightarrow D_s^{(*)} + \bar{B}^0$ and $B^0 \rightarrow D_s^{(*)} K^{(*)} + \bar{B}^0 \rightarrow D_s^{(*)} K^{(*)} + \bar{B}^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
500	Measurement of the mass difference $m(B^0) - m(B^+)$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
499	Study of hadronic transitions between $\bar{B}$ states and observation of $(\bar{B}_S) \rightarrow (\bar{B}_1 S)$ decay. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
498	Search for $B \rightarrow K^* \bar{B}$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
497	Time-dependent Dalitz plot analysis of $B^0 \rightarrow D^0 K^0 \bar{B}$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	7
496	Dalitz plot analysis of the decay $B^0(B^0) \rightarrow K^0 \bar{B}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
495	Observation of $B^0 \rightarrow \bar{B}^0 K^{*0}$ and evidence for $B^+ \rightarrow \bar{B}^0 K^{*+}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	6
494	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^0 \bar{B}$ , $K^0 \bar{B}^+$ , and $\bar{B}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
493	Search for $B^+ \rightarrow \bar{B}^0 \bar{B}$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	62
492	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow K_S^0 \bar{B}$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	19
491	Search for the rare charmless hadronic decay $B^+ \rightarrow a_0^+ \bar{B}$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	5
490	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K_S^0 \bar{B}$ and of the branching fraction $B^0 \rightarrow K^0 \bar{B}$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	9
489	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
488	Improved measurement of the CKM angle $\bar{\Gamma}$ in $B^0 \rightarrow D^{(*)} K^{(*)} \bar{B}$ decays with a Dalitz plot analysis of D decays to $K_S^0 \bar{B}$ and $K_S^0 K^+ K^0 \bar{B}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	63
487	Study of $B^0 \rightarrow \bar{B}^0 K^0$ and $B^0 \rightarrow \bar{B}^0 K^0 \bar{B}$ decays at BABAR. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	32
486	Study of the decay $D_s^{*+} \rightarrow K^+ K^0 \bar{B}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	25
485	Improved measurement of CP observables in $B^0 \rightarrow D^0 K^0 \bar{B}$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	10
484	Observation of $e^+ e^- \rightarrow \bar{B}^0 \bar{B}$ near $s=10.58$ GeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10

483	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
482	Study of resonances in exclusive B decays to $D \pi^* D^* K$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	100
481	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \pi^0$ and $K_S^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	36
480	Searches for the decays $B^0 \rightarrow \pi^0 \pi^0$ and $B^+ \rightarrow \pi^+ \pi^0$ using hadronic tag reconstruction. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	20
479	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
478	Search for $B^0 \rightarrow K^+ K^- \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
477	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
476	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
475	Search for the decays $B^0 \rightarrow e^+ e^- \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	4
474	Determination of the form factors for the decay $B^0 \rightarrow D^* \pi^0$ and of the CKM matrix element $ V_{cb} $ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	43
473	Measurements of $e^+ e^- \rightarrow K^+ K^- K^0 K^0$ , and $K_S^0 K^0 \pi^0 \pi^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	127
472	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
471	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^* \pi^0$ and $D^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	11
470	Study of B-meson decays to $\pi K^*$ , $\pi(2S) K^*$ , and $\pi K^*$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	19
469	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
468	Observation of $B^+ \rightarrow \pi^+ \pi^0$ and search for $B^0$ decays to $\pi^0 \pi^0$ , $\pi^0 \pi^+$ , and $\pi^0 \pi^-$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
467	The associative memory for the self-triggered SLIM5 silicon telescope <b>2008</b> ,		8
466	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



465	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi(-)\nu\tau$ , and into $\phi K(-)\nu\tau$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 011801	7.4	55
464	Measurement of the decay $B(-) \rightarrow D^{*0}e(-)\nu[\overline{e}]$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 231803	7.4	15
463	Observation of the semileptonic decays $B \rightarrow D^*\tau\nu$ and evidence for $B \rightarrow D\tau\nu$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 021801	7.4	79
462	Study of excited charm-strange baryons with evidence for new baryons $\Xi(3055)^+$ and $\Xi(3123)^+$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	61
461	Measurements of partial branching fractions for $B \rightarrow X\nu$ and determination of $ V_{ub} $ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 171802	7.4	15
460	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
459	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
458	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K\pi$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , <b>2008</b> , 100,	7.4	2
457	Measurement of the spin of the $\Upsilon(1530)$ resonance. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	13
456	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\Xi} \rightarrow D^*K_{\Xi}$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	7
455	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
454	Evidence for direct CP violation from Dalitz-plot analysis of $B_{\Xi} \rightarrow K_{\Xi}^*\pi$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	58
453	Measurements of $B(B \rightarrow \Xi^+\pi^0)$ and $B(B \rightarrow \Xi^0\pi^+)$ and studies of $\Xi^*$ resonances. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	47
452	Observation and polarization measurements of $B^{\pm} \rightarrow \phi K^1_{\pm}$ and $B^{\pm} \rightarrow \phi K^2_{\pm}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 161801	7.4	21
451	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
450	Observation of tree-level B decays with $s\bar{s}$ production from gluon radiation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 171803	7.4	15
449	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
448	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

447	Measurements of $B \rightarrow \{\pi, \eta, \eta', \dots\} \ell \nu_{\ell}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 081801	7.4	22
446	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
445	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
444	Search for lepton flavor violating decays $\tau_{+/-} \rightarrow l_{+/-} \omega$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 071802	7.4	15
443	Flavor physics of leptons and dipole moments. <i>European Physical Journal C</i> , <b>2008</b> , 57, 13-182	4.2	260
442	Measurement of decay amplitudes of $B \rightarrow J/\psi^*, (\psi) K^*$ , and $\bar{B}^0 K^*$ with an angular analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	33
441	Observation of $B \rightarrow \psi K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
440	Study of $B_0 \rightarrow \psi \psi$ , $B_{\pm} \rightarrow \psi \psi$ , and $B_{\pm} \rightarrow K \psi$ decays, and isospin analysis of $B \rightarrow \psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
439	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
438	Inclusive $\bar{B}^+$ production in $e^+e^-$ annihilations at $\sqrt{s}=10.54$ GeV and in $(\psi)$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	15
437	Measurement of the $B \rightarrow K \psi$ branching fraction. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
436	Search for prompt production of $\psi$ and $X(3872)$ in $e^+e^-$ annihilations. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	2
435	Search for the decay $B \rightarrow K^* \psi(892) K^+$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
434	Measurement of the relative branching fractions of $B \rightarrow D/D^*/D^{**} \psi$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
433	Search for neutral B-meson decays to $a_0 \psi a_0 K$ , $\psi$ , and $\bar{B}^0$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
432	Measurement of CP asymmetry in $B_0 \rightarrow K_s \psi \psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	10
431	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
430	Search for the reactions $e^+e^- \rightarrow \psi$ and $e^+e^- \rightarrow e^+ \psi$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	8

429	Measurements of the branching fractions of $B^0 \rightarrow K^*0K^+K^-$ and $B^0 \rightarrow K^*0K^+K^0$ and $B^0 \rightarrow K^*0K^+K^0$ and $B^0 \rightarrow K^*0K^+K^0$ and $B^0 \rightarrow K^*0K^+K^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
428	Search for $B^0 \rightarrow \pi^+(K^+)$ decays with large $K^+$ invariant mass. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	13
427	$e^+e^- \rightarrow K^+K^0K^+K^0$ and $K^+K^0K^+K^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	86
426	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
425	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
424	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
423	Branching fraction measurement of $B^0 \rightarrow D^*(*)^+ \pi^-$ and $B^0 \rightarrow D^*(*)^0 \pi^-$ and isospin analysis of $B^0 \rightarrow D^*(*)^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
422	Improved measurements of the branching fractions for $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow K^+ \pi^-$ and a search for $B^0 \rightarrow K^+ K^0$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	33
421	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
420	Study of inclusive $B^0$ and $B^+$ decays to flavor-tagged D, Ds, and $\bar{B}^+$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
419	Measurement of B decays to $\pi^+ K^0$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
418	Study of $e^+e^- \rightarrow \pi^+ \pi^0 \pi^0$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	81
417	The $e^+e^- \rightarrow 2(\pi^+ \pi^0)$ , $2(\pi^+ \pi^0) K^+ K^0$ and $K^+ K^0 \pi^+$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	111
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415	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
414	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
413	Study of $B^0 \rightarrow \pi^+ \pi^-$ decays and constraints on the CKM angle $\beta$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	46
412	Amplitude analysis of the $B^+ \rightarrow \pi^+ \phi K^*(892)^+$ decay. <i>Physical Review Letters</i> , <b>2007</b> , 99, 201802	7.4	24

411	Improved limits on the lepton-flavor violating decays $\tau \rightarrow l \nu_l \nu_e$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251803	7.4	36
410	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
409	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
408	Measurements of $B^+$ branching fractions of Cabibbo-suppressed decay modes involving $\bar{D}$ and $D$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
407	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow [K^+ \pi^0] DK^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	4
406	Search for $B^+ \rightarrow \pi^+ \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	39
405	Observation of a Charmed Baryon Decaying to $D; \{0\} p$ at a Mass Near $2.94 \text{ GeV}/c^2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 012001	7.4	97
404	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98,	7.4	4
403	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
402	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \nu_\tau$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 201801	7.4	12
401	Amplitude analysis of the decay $D^0 \rightarrow K^+ K^- \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	24
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399	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
398	Measurement of the Time-Dependent CP Asymmetry in $B; \{0\} \rightarrow D_{\{CP\}; \{(*)\} h; \{0\}}$ Decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 081801	7.4	8
397	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
396	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
395	Search for lepton flavor violating decays $\tau^{(\pm)} \rightarrow l^{(\pm)} \pi^0$ , $l^{(\pm)} \eta$ , $l^{(\pm)} \eta'$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 061803	7.4	33
394	Measurement of CP violation parameters with a Dalitz plot analysis of $B^{(\pm)} \rightarrow D \{ \pi^+ \pi^- \} K^{(\pm)}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251801	7.4	31

393	Vector-tensor and vector-vector decay amplitude analysis of $B_0 \rightarrow \pi K^*0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051801	7.4	40
392	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
391	Evidence for $D_0$ - $D_0$ mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211802	7.4	186
390	Production and decay of $\Omega_{cc}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 062001	7.4	21
389	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
388	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
387	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
386	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
385	Measurement of CP-violating asymmetries in $B_0 \rightarrow D^{*+}D^{-}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 071801	7.4	19
384	Measurements of CP-violating asymmetries in $B_0 \rightarrow a_1^{+}(1260)\pi^{-}$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 181803	7.4	25
383	Observation of CP violation in $B \rightarrow \eta'K_0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031801	7.4	21
382	Observation of B Meson decays to $b_1\pi$ and $b_1K$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 241803	7.4	15
381	Measurement of the hadronic form factor in $D_0 \rightarrow K^*B$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
380	Recent development on triple well 130 nm CMOS MAPS with in-pixel signal processing and data sparsification capability <b>2007</b> ,		8
379	Proposal of a data sparsification unit for a mixed-mode MAPS detector <b>2007</b> ,		17
378	Monolithic Active Pixel Sensors in a 130 nm Triple Well CMOS Technology <b>2007</b> , 349-352		
377	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
376	Study of the radiation hardness of irradiated ATOM front-end chips of the BaBar silicon vertex tracker. <i>IEEE Transactions on Nuclear Science</i> , <b>2006</b> , 53, 584-588	1.7	1

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372	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
371	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
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369	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
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364	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
363	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
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360	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
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357	Measurement of the absolute branching fractions $B \rightarrow D^* D^{*}$ with a missing mass method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
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350	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
349	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
348	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
347	Measurement of the $B \rightarrow D^0 K^* \pi$ branching fraction. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	6
346	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
345	Branching fraction measurements of charged B decays to $K^*+K^+ K^0$ , $K^*+K^+ K^0$ , and $K^*+K^+ \pi^0$ final states. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
344	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
343	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
342	The $e^+e^- \rightarrow 3(\pi^0) 2(\pi^0)$ and $K^+K^0(\pi^0)$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	107
341	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
340	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	7

339	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
338	Search for the rare decays $B_0 \rightarrow Ds^*(*) + a_0(2)\pi$ <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	5
337	Search for the decay of a $B_0$ or $B_0^0$ meson to $K^*0K_0$ or $K^*0K_0^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
336	Measurements of CP-violating asymmetries and branching fractions in B decays to $\bar{K}^0$ and $\pi^0$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
335	Branching fraction limits for $B_0$ decays to $\pi^+\pi^0$ and $\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
334	Measurement of $B_0^0 \rightarrow D^*(*)0K^0$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	15
333	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^+)$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
332	Measurement of branching fractions in radiative B decays to $\bar{K}^0$ and search for B decays to $\pi^0 K^0$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
331	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
330	Search for $B^+ \rightarrow \pi^+ \eta$ and $B^0 \rightarrow \pi^0 \eta$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
329	Measurements of the decays $B_0 \rightarrow D^0 p \bar{p}$ , $B_0 \rightarrow D^+ p \bar{p}$ , $B_0 \rightarrow D^0 p \bar{p}$ , and $B_0 \rightarrow D^+ p \bar{p}$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	27
328	Study of $B \rightarrow D^*(*) Ds(J)^*$ decays and measurement of $Ds^0$ and $DsJ(2460)^0$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	29
327	Search for the decay $B^+ \rightarrow \pi^+ \eta$ <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
326	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
325	Search for B meson decays to $\pi^0 K$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
324	Search for $B^+ \rightarrow X(3872)K^+$ , $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	106
323	Search for the decay $B_0 \rightarrow a_1 \pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
322	Measurement of CP observables for the decays $B^0 \rightarrow DCP^0 K^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12



321	Search for the decay $B \rightarrow 3\pi\pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	4
320	B meson decays to $K^*$ , $\rho\rho$ , and $\rho 0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
319	Development of 130nm CMOS Monolithic Active Pixels with In-pixel Signal Processing <b>2006</b> ,		2
318	A novel monolithic active pixel detector in triple well CMOS technology with pixel level analog processing. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 565, 195-201	1.2	26
317	Monolithic pixel detectors in a 0.13 $\mu$ m CMOS technology with sensor level continuous time charge amplification and shaping. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 568, 159-166	1.2	38
316	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
315	Performance and Aging Studies of BaBar Resistive Plate Chambers. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2006</b> , 158, 139-142		3
314	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
313	Search for the rare decay $B \rightarrow D^* 0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	1
312	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
311	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K^* 0$ measurement of $\cos 2\phi$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	72
310	Amplitude analysis of the decay $B \rightarrow \rho\rho$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	30
309	Dalitz plot analysis of $D^0 \rightarrow K^* K^* K^*$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	18
308	Search for the radiative decay $B^0 \rightarrow \gamma \rho^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	6
307	Measurements of B meson decays to $K^*$ and $\rho$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	5
306	Study of $B \rightarrow \rho$ and $B \rightarrow \rho\rho$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	27
305	Measurement of the $B \rightarrow D^* + \rho$ decay rate and $ V_{cb} $ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	12
304	$e^+e^- \rightarrow \rho\rho K^* K^*$ and $K^* K^* K^*$ cross sections at center-of-mass energies 0.5-1.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	109

303	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow KS^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	22
302	Search for the W-exchange decays $B^0 \rightarrow Ds^{(*)} Ds^{(*)+}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	7
301	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X\bar{K}, X \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	71
300	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow KS^0$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	19
299	Study of the $B \rightarrow 3h$ decay. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	13
298	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
297	Search for the decay $B \rightarrow 4\pi(0)$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	9
296	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D\pi K$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
295	Study of b->c interference in the decay $B \rightarrow [K+\pi]DK^*$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	8
294	Study of the $B \rightarrow J/\psi \pi$ decay and measurement of the $B \rightarrow X(3872)K$ branching fraction. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	333
293	Measurement of the $B^0 \rightarrow D^* Ds^{*+}$ and $Ds^{*+} \rightarrow \pi$ branching fractions. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	25
292	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K\bar{K} + \pi$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	16
291	Measurement of the ratio $B(B \rightarrow D^* 0 K) / B(B \rightarrow D^* 0 \pi)$ and of the CP asymmetry of $B \rightarrow DCP^+ 0 K$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	13
290	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	8
289	Functional characterization of a high-gain BJT radiation detector. <i>IEEE Transactions on Nuclear Science</i> , <b>2005</b> , 52, 1882-1886	1.7	9
288	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
287	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	
286	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

285	Measurement of the charge collection efficiency after heavy non-uniform irradiation in BABAR silicon detectors. <i>IEEE Transactions on Nuclear Science</i> , <b>2005</b> , 52, 1054-1060	1.7	1
284	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
283	Search for the rare leptonic decay $B \rightarrow \tau \nu_\tau$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 041804	7.4	14
282	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 111801	7.4	20
281	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B_0 B_0$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 042001	7.4	12
280	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
279	Limit on the $B_0 \rightarrow \rho^0 \rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 131801	7.4	20
278	Branching fraction and CP asymmetries of $B_0 \rightarrow K_0(S) K_0(S) K_0(S)$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 011801	7.4	12
277	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
276	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
275	Observation of a broad structure in the $\pi^+ \pi^- J/\psi$ mass spectrum around 4.26 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2005</b> , 95, 142001	7.4	526
274	Measurement of time-dependent CP asymmetries in $B_0 \rightarrow D^{(*)+} D^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 131802	7.4	7
273	Search for radiative penguin decays $B(+) \rightarrow \rho(+) \gamma$ , $B(0) \rightarrow \rho(0) \gamma$ , and $B(0) \rightarrow \omega \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 011801	7.4	11
272	Production and decay of $\chi(c)(0)$ at BABAR. <i>Physical Review Letters</i> , <b>2005</b> , 95, 142003	7.4	9
271	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , <b>2005</b> , 94, 141801	7.4	26
270	Improved measurements of CP-violating asymmetry amplitudes in $B_0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 151803	7.4	26
269	Measurement of branching fractions and charge asymmetries in $B^+$ decays to $\eta \pi^+$ , $\eta K^+$ , $\eta \rho^+$ , and $\eta' \pi^+$ , and search for $B_0$ decays to $\eta K_0$ and $\eta \omega$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 131803	7.4	16
268	Measurements of branching fractions and time-dependent CP-violating asymmetries in $B \rightarrow \eta' K$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 191802	7.4	36

267	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle $\alpha$ using $B_0(B) \rightarrow \rho^+\rho^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 041805	7.4	31
266	Evidence for $B^+ \rightarrow K^0K^+$ and $B^0 \rightarrow K^0K^0$ , 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
265	Search for factorization-suppressed $B \rightarrow \chi(c)K^*$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 171801	7.4	11
264	Branching fractions and CP asymmetries in $B^0 \rightarrow \pi^0\pi^0$ , $B^+ \rightarrow \pi^+\pi^0$ , and $B^+ \rightarrow K^+\pi^0$ decays and isospin analysis of the $B \rightarrow \pi\pi$ system. <i>Physical Review Letters</i> , <b>2005</b> , 94, 181802	7.4	36
263	Search for decays of $B^0 \rightarrow e^+e^-$ , $B^0 \rightarrow \mu^+\mu^-$ , $B^0 \rightarrow e^+\mu^-/\mu^+e^-$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 221803	7.4	12
262	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
261	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
260	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
259	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	34
258	Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of $ V_{ub} $ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 071802	7.4	35
257	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)}\pi^+\pi^-$ decays and constraints on $\sin(2\beta+\gamma)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 251801	7.4	12
256	Study of the decay $B^0(B^-) \rightarrow \rho^+\rho^-$ , and constraints on the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 231801	7.4	35
255	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
254	Measurement of branching fractions of color-suppressed decays of the $B^0$ meson to $D^{(*)}0\bar{0}$ , $D^{(*)}0\bar{0}D^{(*)}0\bar{0}$ and $D^0\bar{0}$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	20
253	Measurement of the branching fraction for $B^0 \rightarrow \bar{B}^0K^0$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	11
252	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
251	Search for $B^0$ decays to invisible final states and to $n\nu\gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 091802	7.4	10
250	Observation of $B^0 \rightarrow \omega K^0$ , $B^+ \rightarrow \eta\pi^+$ , and $B^+ \rightarrow \eta K^+$ and study of related decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 061801	7.4	18

249	Observation of a narrow meson decaying to $D_s + D^0$ at a mass of $2.458 \text{ GeV}/c^2$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	71
248	Measurement of the $B^+ / B^0$ production ratio from the $\psi(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	31
247	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
246	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
245	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
244	Measurement of branching fractions and charge asymmetries in $B^{+/-} \rightarrow \rho^+ / - \pi^0$ and $B^{+/-} \rightarrow \rho^0 \pi^+ / -$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 051802	7.4	24
243	Observation of the decay $B^0 \rightarrow \eta$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	26
242	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
241	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
240	Search for the rare leptonic decay $B^{+/-} \rightarrow \mu^+ (\mu^-) \nu(\mu)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 221803	7.4	5
239	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 041801	7.4	50
238	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B^0 \rightarrow \omega \gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 111801	7.4	7
237	Measurement of the average $\Gamma$ multiplicity in B meson decay. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	1
236	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
235	Measurements of branching fractions in $B \rightarrow \eta$ and $B \rightarrow \eta'$ and search for direct CP violation in $B \rightarrow \eta \eta'$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	17
234	Measurement of the branching fractions for inclusive $B^0$ and $B^+ D$ decays to flavor-tagged D, $D_s$ , and $\bar{D}$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
233	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D^0 \rightarrow l^+ l^-$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 191801	7.4	14
232	Study of $B \rightarrow D^{(*)} S J + D^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 181801	7.4	48

231	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
230	Search for $D^0\bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	20
229	Branching fraction measurements of $B \rightarrow \bar{B}K$ decays. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
228	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
227	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^*0K^{*-}$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 141801	7.4	8
226	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , <b>2004</b> , 93, 071801	7.4	17
225	Measurement of $\sin^2\alpha$ with hadronic and previously unused muonic $J/\psi$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	2
224	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
223	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
222	Measurement of the $B^0 \rightarrow K_2^*(1430)^0$ and $B^+ \rightarrow K_2^*(1430)^+$ branching fractions. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	24
221	Measurement of the branching fraction for $B \rightarrow D^0 K^* \pi$ <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	3
220	Search for the decay $B^0 \rightarrow J/\psi \pi$ <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
219	$J/\psi$ production via initial state radiation in $e^+e^- \rightarrow \mu^+\mu^-$ at an $e^+e^-$ center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	44
218	Measurement of the branching fractions and CP asymmetry of $B \rightarrow D(0)((CP))K^-$ decays with the BABAR detector. <i>Physical Review Letters</i> , <b>2004</b> , 92, 202002	7.4	10
217	Search for the decay $B^0 \rightarrow \rho^+ \pi^-$ <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	24
216	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
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206	High-gain bipolar detector on float-zone silicon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 512, 572-577 <sup>1.2</sup>		8
205	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
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203	Measurement of the $B_0 \rightarrow J/\psi \pi^+ \pi^-$ branching fraction. <i>Physical Review Letters</i> , <b>2003</b> , 90, 091801	7.4	11
202	Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta' K$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 161801	7.4	33
201	Study of time-dependent CP asymmetry in neutral B decays to $J/\psi \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 061802	7.4	9
200	Observation of a narrow meson state decaying to $D^{(*)} \pi^0$ at a mass of 2.32 GeV/c(2). <i>Physical Review Letters</i> , <b>2003</b> , 90, 242001	7.4	509
199	Observation of a significant excess of $\pi^0 \pi^0$ events in B meson decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 241801	7.4	34
198	Measurement of $B_0 \rightarrow D_s^{(*)} D^{*}$ branching fractions and $B_0 \rightarrow D_s^{(*)} D^{*}$ polarization with a partial reconstruction technique. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	14
197	Measurement of the branching fractions for the exclusive decays of $B_0$ and $B^+$ to $D^{(*)} D^{(*)} K$ . <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	21
196	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	24

195	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-} D^{-/+}$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 221801	7.4	15
194	Simultaneous measurement of the $B_0$ meson lifetime and mixing frequency with $B_0 \rightarrow D^{*+} \pi^{\pm}$ decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	10
193	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 171802	7.4	117
192	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element $V(ub)$ with $B^- \rightarrow \rho^0 \nu$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 90, 181801	7.4	22
191	Rare B decays into states containing a J/psi meson and a meson with s(-)s quark content. <i>Physical Review Letters</i> , <b>2003</b> , 91, 071801	7.4	17
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189	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	59
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187	Observation of the decay $B^{+/-} \rightarrow \pi^+/\pi^0$ , study of $B^{+/-} \rightarrow K^+/\pi^0$ , and search for $B_0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 021801	7.4	26
186	Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 051801	7.4	19
185	Evidence for $B^{+/-} \rightarrow J/\psi p(-)\Lambda$ ; and search for $B_0 \rightarrow J/\psi p(-)p$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 231801	7.4	13
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183	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 479, 1-116	1.2	1077
182	The BaBar silicon vertex tracker, performance and running experience. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 485, 10-14	1.2	
181	Design and characterization of integrated front-end transistors in a micro-strip detector technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 485, 193-198	1.2	6
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178	Measurement of $B_0$ - $B_0$ flavor oscillations in hadronic $B_0$ decays. <i>Physical Review Letters</i> , <b>2002</b> , 88, 221802	7.4	24



177	Search for T and CP violation in B <sub>0</sub> -B <sub>0</sub> mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2002</b> , 88, 231801	7.4	20
176	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	16
175	Study of CP-violating asymmetries in B <sub>0</sub> ->π <sup>0</sup> K <sup>±</sup> decays. <i>Physical Review D</i> , <b>2002</b> , 65,	4.9	10
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173	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the KEK. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	129
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169	Measurement of the B(0) lifetime with partially reconstructed B(0)->D <sup>(-)</sup> l <sup>(+)</sup> ν <sub>l</sub> decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 011802	7.4	10
168	Measurements of branching fractions and CP-violating asymmetries in B <sub>0</sub> ->π <sup>+</sup> π <sup>-</sup> , K <sup>+</sup> π <sup>-</sup> , K <sup>+</sup> K <sup>-</sup> decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 281802	7.4	119
167	Measurement of the B <sub>0</sub> -B <sub>0</sub> oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2002</b> , 88, 221803	7.4	19
166	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
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162	Measurement of J/ψ production in continuum e <sup>(+)</sup> e <sup>(-)</sup> annihilations near square root of s = 10.6 GeV. <i>Physical Review Letters</i> , <b>2001</b> , 87, 162002	7.4	50
161	Measurement of CP-violating asymmetries in B <sub>0</sub> decays to CP eigenstates. <i>Physical Review Letters</i> , <b>2001</b> , 86, 2515-22	7.4	100
160	Measurement of the B-> J/ψK <sup>*</sup> (892) decay amplitudes. <i>Physical Review Letters</i> , <b>2001</b> , 87, 241801	7.4	46

159	Measurement of the B(0) and B(+) meson lifetimes with fully reconstructed hadronic final states. <i>Physical Review Letters</i> , <b>2001</b> , 87, 201803	7.4	15
158	Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body B decays into pions and kaons. <i>Physical Review Letters</i> , <b>2001</b> , 87, 151802	7.4	46
157	Measurement of the branching fractions for $(D^*_S) \rightarrow e^+e^-$ and $(D^*_S) \rightarrow \mu^+\mu^-$ . <i>Physical Review D</i> , <b>2001</b> , 65,	4.9	5
156	Observation of CP violation in the B(0) meson system. <i>Physical Review Letters</i> , <b>2001</b> , 87, 091801	7.4	373
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150	Determination of $ V_{ub} $ from the measurement of the inclusive charmless semileptonic branching ratio of b hadrons <b>1999</b> , 6, 555		26
149	Search for $(B_s)^0$ oscillations using inclusive lepton events <b>1999</b> , 7, 553		5
148	Resonant structure and flavour tagging in the $B\bar{B}$ system using fully reconstructed B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 425, 215-226	4.2	34
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145	The forward-backward asymmetry for charm quarks at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 434, 415-425	4.2	8
144	A measurement of the gluon splitting rate into pairs in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 434, 437-450	4.2	20
143	Study of $D^0\bar{D}^0$ mixing and $D^0$ doubly Cabibbo-suppressed decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 211-221	4.2	15
142	Three-prong $\bar{B}$ decays with charged kaons <b>1998</b> , 1, 65		14

141	Measurement of the b baryon lifetime and branching fractions in Z decays <b>1998</b> , 2, 197		19
140	An upper limit on the ( $\tau$ ) neutrino mass from three- and five-prong $\tau$ decays <b>1998</b> , 2, 395		44
139	( $K^0_S$ ) production in ( $\tau$ ) decays <b>1998</b> , 4, 29		14
138	Study of ( $B_s^0$ ) oscillations and lifetime using fully reconstructed ( $D_s^-$ ) decays <b>1998</b> , 4, 367		9
137	Observation of doubly-charmed B decays at LEP <b>1998</b> , 4, 387		17
136	Measurement of the axial-vector ( $\tau$ ) spectral functions and determination of ( $\alpha_s(M_\tau^2)$ ) from hadronic ( $\tau$ ) decays <b>1998</b> , 4, 409		240
135	Measurement of the fraction of hadronic Z decays into charm quark pairs <b>1998</b> , 4, 557		6
134	Search for evidence of compositeness at LEP I <b>1998</b> , 4, 571		13
133	A measurement of the semileptonic branching ratio ( $BR(\text{b-baryon} \rightarrow p \bar{\nu}_X)$ ) and a study of inclusive ( $\pi^{\pm}$ ), ( $K^{\pm}$ ), ( $p, \bar{p}$ ) production in Z decays <b>1998</b> , 5, 205		15
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128	Inclusive production of neutral pions in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 451-461		6
127	Improved measurement of the $B^0 - \bar{B}^0$ oscillation frequency. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 75, 397-407		20
126	Production of orbitally excited charm mesons in semileptonic B decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 73, 601-612		57
125	A study of $B$ decays involving $\eta$ and $\eta'$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 263-273		45
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115	Results on double-sided d.c.-coupled silicon strip detectors irradiated with photons up to 1 Mrad <b>1996</b> , 109, 1309-1318		2
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112	First measurement of the quark-to-photon fragmentation function. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 365-377		51
111	Inclusive production of neutral vector mesons in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 379-392		33
110	Production of excited beauty states in $Z\tau\tau$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 393-404		52
109	Measurement of $D_{s^*}^+$ meson production in Z decays and of the $B_{s^*}^0$ lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 585-595		9
108	Measurement of the $\tau$ lepton lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 549-559		10
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101	Quark and gluon jet properties in symmetric three-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996</i> , 384, 353-364	4.2	35
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95	Improved measurement of the $B^0$ and $B^+$ meson lifetimes <b>1996</b> , 71, 31		3
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80	Measurement of the $B_{s0}$ lifetime and production rate with $D_s\pi$ combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 361, 221-233	4.2	25
79	Double-sided silicon strip detectors in Pisa. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 360, 98-102	1.2	4
78	Performance of the ALEPH detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 360, 481-506	1.2	256
77	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 15-25		17
76	Measurement of $D + s$ meson production in Z decays and of the $B_0$ s lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 585-595		1
75	Development of silicon micropattern pixel detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1994</b> , 348, 399-408 <sup>1.2</sup>		23
74	Observation of monojet events and tentative interpretation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 334, 244-252	4.2	6
73	One-prong $\pi$ decays into charged kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 209-218	4.2	18
72	$K_0$ production in one-prong $\pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 219-227	4.2	14
71	Measurement of the $B_{s0}$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 322, 275-286	4.2	19
70	An investigation of $B_{d0}$ and $B_{s0}$ oscillation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 322, 441-458	4.2	41

69	A measurement of $A_{FB}^b$ in lifetime tagged heavy flavour Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 335, 99-108	4.2	14
68	. <i>IEEE Journal of Solid-State Circuits</i> , <b>1994</b> , 29, 138-142	5.5	57
67	. <i>IEEE Transactions on Nuclear Science</i> , <b>1993</b> , 40, 753-758	1.7	22
66	An experimental study of $B_c^+$ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 509-519	4.2	42
65	Measurement of the ratio using event shape variables. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 549-563	4.2	27
64	Search for particles with unexpected mass and charge in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 303, 198-208	4.2	21
63	Measurement of the $\tau$ and $B_c$ meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 194-208	4.2	37
62	Measurement of the strong coupling constant using $\tau$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 209-220	4.2	60
61	First measurement of the $B_c$ meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 311, 425-436	4.2	30
60	Search for the standard model Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 299-311	4.2	50
59	Search for high mass photon pairs in $(f = e, \mu, \nu, q)$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 308, 425-434	4.2	7
58	Measurement of the branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 298, 479-491	4.2	32
57	Operational experience with a large detector system using silicon strip detectors with double sided readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1993</b> , 326, 183-188	1.2	13
56	Update of electroweak parameters from Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 60, 71-81		19
55	Observation of the time dependence of mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 498-508	4.2	36
54	A direct measurement of the invisible width of the Z from single photon counting. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 520-534	4.2	27
53	A precise measurement of $Z \rightarrow b\bar{b}/Z \rightarrow \text{hadrons}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 535-548	4.2	138
52	Search for a non-minimal Higgs boson produced in the reaction $e^+e^- \rightarrow \dots$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 312-325	4.2	74

51	Measurement of the b hadron lifetime with the dipole method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 314, 459-470	4.2	13
50	Experience with the ALEPH silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1992</b> , 315, 121-124 <sup>1,2</sup>		4
49	Development of silicon micropattern (pixel) detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1992</b> , 315, 133-138 <sup>1,2</sup>		5
48	Measurement of the production rates of $\Lambda$ and $\bar{\Lambda}$ in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 292, 210-220	4.2	31
47	A measurement of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 449-458	4.2	25
46	Search for CP violation in $Z \rightarrow \Lambda \bar{\Lambda}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 459-468	4.2	38
45	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ψ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 295, 396-408	4.2	32
44	Observation of the semileptonic decays of $B^0$ and $\bar{B}^0$ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 294, 145-156	4.2	33
43	Improved measurements of electroweak parameters from Z decays into fermion pairs. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 53, 1-20		67
42	An investigation into intermittency. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 53, 21-32		24
41	Measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 279, 411-421	4.2	21
40	Evidence for b baryons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 278, 209-216	4.2	35
39	Search for a very light CP-odd neutral Higgs boson of the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 285, 309-318	4.2	6
38	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 284, 151-162	4.2	29
37	Measurement of $B_s$ in hadronic Z decays using all-orders resummed predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 284, 163-176	4.2	53
36	Measurement of mixing at the Z using a jet-charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 284, 177-190	4.2	25
35	Updated measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 295, 174-186	4.2	24
34	A precise measurement of the τ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 432-448	4.2	14



33	. <i>IEEE Transactions on Nuclear Science</i> , <b>1992</b> , 39, 654-661	1.7	65
32	. <i>IEEE Transactions on Nuclear Science</i> , <b>1992</b> , 39, 701-706	1.7	6
31	Development and performance of double sided silicon strip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1991</b> , 310, 160-164	1.2	24
30	Measurement of the charged particle multiplicity distribution in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 273, 181-192	4.2	62
29	The Aleph silicon vertex detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1991</b> , 23, 291-296		6
28	Beauty physics and double-sided Si microstrip detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1991</b> , 23, 297-306		4
27	Search for a very light Higgs boson in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 245, 289-297	4.2	38
26	Search for neutralino production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 244, 541-550	4.2	43
25	Heavy flavour production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 244, 551-565	4.2	99
24	Search for excited leptons in Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 501-510	4.2	30
23	A search for new quarks and leptons from Z0 decay at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 511-522	4.2	73
22	Search for supersymmetric particles using acoplanar charged-particle pairs from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 86-94	4.2	80
21	Search for the neutral Higgs boson from Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 233-244	4.2	87
20	Searches for the standard Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 246, 306-314	4.2	72
19	Search for neutral Higgs bosons from supersymmetry in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 237, 291-302	4.2	61
18	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 141-149	4.2	72
17	A search for pair-produced charged Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 623-634	4.2	41
16	Search for decays of the Z0 into a photon and a pseudoscalar meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 635-643	4.2	8

15	Determination of the leptonic branching ratios of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 234, 399-408	4.2	16
14	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 235, 399-414	4.2	99
13	Properties of hadronic events in e <sup>+</sup> e <sup>-</sup> annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 234, 209-218	4.2	62
12	ALEPH: A detector for electron-positron annihilations at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1990</b> , 294, 121-178	1.2	340
11	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 231, 519-529	4.2	223
10	Double-sided readout silicon strip detectors for the aleph minivertex. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 277, 147-153	1.2	56
9	. <i>IEEE Transactions on Nuclear Science</i> , <b>1989</b> , 36, 40-45	1.7	10
8	Development of double side readout silicon strip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1988</b> , 273, 677-681	1.2	19
7	Monte Carlo simulation of the ALEPH hadron prototype calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1988</b> , 271, 449-454	1.2	3
6	The ALEPH minivertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1987</b> , 257, 587-590	1.2	16
5	Pion muon identification in the aleph test hadron calorimeter using discriminant analysis. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1986</b> , 251, 449-456	1.2	7
4	Triple Well CMOS Active Pixel Sensor with In-Pixel Full Signal Analog		7
3	Measurement And Tridimensional Simulation Of Silicon Pixel Detector Capacitance		3
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