

Francesco Forti

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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	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 479, 1-116	1.2	1077
733	Observation of a broad structure in the $\pi^+ \pi^- J/\psi$ mass spectrum around 4.26 GeV/c ² . <i>Physical Review Letters</i> , 2005 , 95, 142001	7.4	526
732	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> , 2003 , 90, 242001	7.4	509
731	Evidence for an excess of $B \rightarrow D^{(*)} \pi^0$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
730	Observation of CP violation in the $B(0)$ meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373
729	Measurement of an excess of $B \rightarrow D^{(*)} \pi^0$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	340
728	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> , 1990 , 294, 121-178	1.2	340
727	Study of the $B \rightarrow J/\psi K^0$ decay and measurement of the $B \rightarrow X(3872) K^0$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
726	Searches for Lepton flavor violation in the decays $\tau_{\pm} \rightarrow e_{\pm} \gamma$ and $\tau_{\pm} \rightarrow \mu_{\pm} \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328
725	Flavor physics of leptons and dipole moments. <i>European Physical Journal C</i> , 2008 , 57, 13-182	4.2	260
724	Performance of the ALEPH detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 481-506	1.2	256
723	A measurement of the inclusive $b \rightarrow s$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 169-187	4.2	253
722	Measurement of the $B \rightarrow \pi$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246
721	Search for a dark photon in e^+e^- collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
720	Measurement of the axial-vector (τ) spectral functions and determination of $(\alpha_s(M_{\tau}^2))$ from hadronic (τ) decays 1998 , 4, 409		240
719	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
718	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 231, 519-529	4.2	223

717	Evidence of a broad structure at an invariant mass of 4.32 GeV/c ² in the reaction e ⁺ e ⁻ → π ⁺ π ⁻ ψ(2S) measured at BABAR. <i>Physical Review Letters</i> , 2007 , 98, 212001	7.4	200
716	Evidence for D ⁰ -D ⁰ mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
715	Study of e ⁺ e ⁻ → pp̄ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
714	Precise measurement of the e ⁺ e ⁻ → π ⁺ π ⁻ (γ) cross section with the initial state radiation method at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 231801	7.4	163
713	Search for dimuon decays of a light scalar boson in radiative transitions Upsilon → γA ⁰ . <i>Physical Review Letters</i> , 2009 , 103, 081803	7.4	139
712	A precise measurement of Z → bb̄/Z → hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 535-548	4.2	138
711	Measurement of the spectral functions of vector current hadronic tau decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 15-33		135
710	Evidence for X(3872) → ψ(2S)γ in B(±) → X(3872)K(±) decays and a study of B → cc̄[over γ]K. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
709	Observation of the bottomonium ground state in the decay Upsilon(3S) → γη _b . <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
708	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the LHCb. <i>Physical Review D</i> , 2002 , 66,	4.9	129
707	Measurements of e ⁺ e ⁻ → K ⁺ K ⁻ π ⁺ π ⁻ and K _{s0} K ₀ cross sections using initial state radiation events. <i>Physical Review D</i> , 2008 , 77,	4.9	127
706	Evidence for the decay X(3872) → J/ψ. <i>Physical Review D</i> , 2010 , 82,	4.9	119
705	Measurements of branching fractions and CP-violating asymmetries in B ⁰ → π ⁺ π ⁻ , K ⁺ π ⁻ , K ⁺ K ⁻ decays. <i>Physical Review Letters</i> , 2002 , 89, 281802	7.4	119
704	Observation of a new D _s meson decaying to DK at a mass of 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117
703	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
702	Search for doubly charmed baryons Ξ _c ⁺ and Ξ _c ⁺⁺ in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
701	Observation of new resonances decaying to D _s [*] and D [*] in inclusive e ⁺ e ⁻ collisions near s = 10.58 GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	111
700	Observation of Y(3940) → J/ψω in B → J/ψωK at BABAR. <i>Physical Review Letters</i> , 2008 , 101, 082001	7.4	111

- 699 The $e^+e^- \rightarrow 2(\pi^+\pi^-), 2(\pi^+\pi^-)K^+K^-$ and K^+K^- cross sections measured with initial-state radiation. *Physical Review D*, **2007**, 76, 4.9 111
- 698 Precise measurement of the $e^+e^- \rightarrow \pi^+\pi^-$ cross section with the initial-state radiation method at BABAR. *Physical Review D*, **2012**, 86, 4.9 110
- 697 $e^+e^- \rightarrow \pi^+\pi^-K^+K^-$ and $K^+K^-+K^0\bar{K}^0$ cross sections at center-of-mass energies 0.5–4.5 GeV measured with initial-state radiation. *Physical Review D*, **2005**, 71, 4.9 109
- 696 Search for the $Z(4430)$ at BABAR. *Physical Review D*, **2009**, 79, 4.9 108
- 695 The $e^+e^- \rightarrow 3(\pi^+\pi^-), 2(\pi^+\pi^-)$ and K^+K^- cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. *Physical Review D*, **2006**, 73, 4.9 107
- 694 Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$ *Physical Review D*, **2006**, 74, 4.9 106
- 693 Study of resonances in exclusive B decays to $D^{(*)}D^{(*)}K$. *Physical Review D*, **2008**, 77, 4.9 100
- 692 Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates. *Physical Review Letters*, **2001**, 86, 2515-22 7.4 100
- 691 Heavy flavour production in Z decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 244, 551-565 4.2 99
- 690 A precise determination of the number of families with light neutrinos and of the Z boson partial widths. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 235, 399-411 4.2 99
- 689 Observation of a Charmed Baryon Decaying to $D_s^+ p$ at a Mass Near 2.94 GeV/c². *Physical Review Letters*, **2007**, 98, 012001 7.4 97
- 688 Observation of time-reversal violation in the B^0 meson system. *Physical Review Letters*, **2012**, 109, 211801 7.4 96
- 687 Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^{*})$ decays. *Physical Review Letters*, **2005**, 94, 161803 7.4 92
- 686 Search for the neutral Higgs boson from Z^0 decay. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 236, 233-244 4.2 87
- 685 Time-integrated luminosity recorded by the BABAR detector at the PEP-II. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2013**, 726, 203-213 1.2 86
- 684 Measurement of the $B \rightarrow \pi$ and $B \rightarrow \eta$ transition form factors. *Physical Review D*, **2011**, 84, 4.9 86
- 683 Study of $D_s J$ decays to $D^* K$ in inclusive e^+e^- interactions. *Physical Review D*, **2009**, 80, 4.9 86
- 682 $e^+e^- \rightarrow K^+K^- \pi^+\pi^-$ and $K^+K^-+K^0\bar{K}^0$ cross sections measured with initial-state radiation. *Physical Review D*, **2007**, 76, 4.9 86

681	Observation of an excited charm baryon Omega c* decaying to Omega c0gamma. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
680	Measurement of time-dependent CP asymmetry in B0->ccK(*)0 decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
679	Measurement of branching fractions and rate asymmetries in the rare decays B->K(*)pi. <i>Physical Review D</i> , 2012 , 86,	4.9	82
678	Study of e+e->pi+ pi- pi0 using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
677	Search for B->K(*)pi and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
676	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> , 1990 , 236, 86-94	4.2	80
675	Observation of the semileptonic decays B-->D*tau-nutau and evidence for B-->Dttau-nutau. <i>Physical Review Letters</i> , 2008 , 100, 021801	7.4	79
674	Study of e+e->pp+ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
673	Study of B->Dpi and B->Dpi decays and determination of Vub . <i>Physical Review D</i> , 2011 , 83,	4.9	76
672	Study of the X(3872) and Y(4260) in B0->J/psi K0 and B+->J/psi K+ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
671	Measurements of the mass and width of the eta(c) meson and of an eta(c)(2S) candidate. <i>Physical Review Letters</i> , 2004 , 92, 142002	7.4	76
670	Study of the reaction e+e->J/psi pi+ pi- via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
669	Exclusive initial-state-radiation production of the DDpi, D*Dpi, and D*Dpi* systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
668	Search for a non-minimal Higgs boson produced in the reaction ->. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 312-325	4.2	74
667	Study of the exclusive initial-state-radiation production of the DDpi system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
666	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> , 1990 , 236, 511-522	4.2	73
665	Time-integrated and time-dependent angular analyses of B->J/psi A measurement of cos 2phi with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
664	An upper limit for the neutrino mass from pi+>5(pi0) decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 349, 585-596	4.2	72

- 663 Searches for the standard Higgs boson. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 246, 306-314 4.2 72
- 662 Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 241, 141-149 4.2 72
- 661 Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X_c X_c \rightarrow J/\psi$. *Physical Review D*, **2005**, 71, 4.9 71
- 660 Observation of a narrow meson decaying to $D_s + \bar{D}$ at a mass of 2.458 GeV/c². *Physical Review D*, **2004**, 69, 4.9 71
- 659 Measurement of D⁰-D⁰ mixing parameters using D⁰ → K(S)(0)₁[±] and D⁰ → K(S)(0)K[±] K[∓] decays. *Physical Review Letters*, **2010**, 105, 081803 7.4 70
- 658 Evidence for the eta(b)(1S) meson in radiative Upsilon(2S) decay. *Physical Review Letters*, **2009**, 103, 161801 67
- 657 Improved measurements of electroweak parameters from Z decays into fermion pairs. *Zeitschrift für Physik C-Particles and Fields*, **1992**, 53, 1-20 67
- 656 Measurement of the B → X_s branching fraction and search for direct CP violation from a sum of exclusive final states. *Physical Review Letters*, **2014**, 112, 7.4 66
- 655 Evidence of B⁺ → π⁰ decays with hadronic B tags. *Physical Review D*, **2013**, 88, 4.9 65
- 654 Search for B⁺ → π⁰ recoiling against B⁰ → D⁰ X. *Physical Review D*, **2010**, 81, 4.9 65
- 653 . *IEEE Transactions on Nuclear Science*, **1992**, 39, 654-661 1.7 65
- 652 Angular distributions in the decay B → K*⁺ l⁺ l⁻. *Physical Review D*, **2009**, 79, 4.9 63
- 651 Measurements of |V_{cb}|, form factors and branching fractions in the decays and. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1997**, 395, 373-387 4.2 63
- 650 Improved measurement of the CKM angle φ₁ in B⁺ → D⁰ K⁺ decays with a Dalitz plot analysis of D decays to K_S⁰ π[±] and K_S⁰ K[±] π[∓]. *Physical Review D*, **2008**, 78, 4.9 63
- 649 Search for B⁺ → π⁰ decays with hadronic B tags. *Physical Review D*, **2008**, 77, 4.9 62
- 648 Measurement of the charged particle multiplicity distribution in hadronic Z decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1991**, 273, 181-192 4.2 62
- 647 Properties of hadronic events in e⁺e⁻ annihilation at. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 234, 209-218 4.2 62
- 646 Study of excited charm-strange baryons with evidence for new baryons Λ_c(3055)⁺ and Λ_c(3123)⁺. *Physical Review D*, **2008**, 77, 4.9 61

645	Search for neutral Higgs bosons from supersymmetry in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 237, 291-302	4.2	61
644	Observation of the $\psi(2P)$ meson in the reaction $\psi \rightarrow DD^*$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
643	Search for CP violation in the decays $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^- \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 061803	7.4	60
642	Measurements of the absolute branching fractions of $B^{\pm} \rightarrow K^{\pm} X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
641	Measurement of the strong coupling constant using χ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 209-220	4.2	60
640	Precision measurement of the $e^+e^- \rightarrow K^+K^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2013 , 88,	4.9	59
639	Measurement of the χ and ψ transition form factors at $q^2=112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59
638	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
637	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+K^-\pi^0$, $B^+ \rightarrow K^+K^-\pi^+$, and $B^+ \rightarrow K^0K^0\pi^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
636	Direct CP, lepton flavor, and isospin asymmetries in the decays $B^- \rightarrow K^0 \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2009 , 102, 091803	7.4	58
635	Evidence for direct CP violation from Dalitz-plot analysis of $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	58
634	Measurement of the branching ratio and an upper limit on. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 343, 444-452	4.2	58
633	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D \ell \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2010 , 104, 011802	7.4	57
632	Measurement of the $e^+e^- \rightarrow b\bar{b}$ Cross Section between $\sqrt{s}=10.54$ and 11.20 GeV . <i>Physical Review Letters</i> , 2009 , 102, 012001	7.4	57
631	Production of orbitally excited charm mesons in semileptonic B decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 601-612		57
630	Determination of the Branching Fraction for $B \rightarrow X_c D$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , 2004 , 93,	7.4	57
629	. <i>IEEE Journal of Solid-State Circuits</i> , 1994 , 29, 138-142	5.5	57
628	B meson decays to $(D^*)K^*$, $(D^*)\pi^0$, D^0 , and D^+ . <i>Physical Review D</i> , 2004 , 70,	4.9	56

627	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> , 1989 , 277, 147-153	1.2	56
626	Measurement of the $B \rightarrow Xs\bar{l}$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , 2008 , 77,	4.9	55
625	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi(-)\nu\tau$, and into $\phi K(-)\nu\tau$. <i>Physical Review Letters</i> , 2008 , 100, 011801	7.4	55
624	Observation of CP violation in $B(0) \rightarrow K(+)\pi(-)$ and $B(0) \rightarrow \pi(+)\pi(-)$. <i>Physical Review Letters</i> , 2007 , 99, 021603	7.4	54
623	Measurement of β_s in hadronic Z decays using all-orders resummed predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 163-176	4.2	53
622	Study of $X(3915) \rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
621	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
620	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$. <i>Physical Review Letters</i> , 2006 , 97, 171805	7.4	52
619	Dalitz plot analysis of the decay $B_{\bar{c}} \rightarrow K_{\bar{c}} K_{\bar{c}}^*$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
618	Measurement of the $B^0 \rightarrow \pi(-)l(+)\nu$ form-factor shape and branching fraction, and determination of $ V_{ub} $ with a loose neutrino reconstruction technique. <i>Physical Review Letters</i> , 2007 , 98, 091801	7.4	52
617	Production of excited beauty states in $Z\bar{Z}$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 393-404		52
616	Search for a low-mass higgs boson in $Upsilon(3S) \rightarrow \gamma A(0)$, $A(0) \rightarrow \tau(+)\tau(-)$ at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 181801	7.4	51
615	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	51
614	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002 , 65,	4.9	51
613	First measurement of the quark-to-photon fragmentation function. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 365-377		51
612	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
611	Measurement of J/ψ production in continuum $e(+)\bar{e}(-)$ annihilations near square root of $s = 10.6$ GeV. <i>Physical Review Letters</i> , 2001 , 87, 162002	7.4	50
610	Search for the standard model Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 299-311	4.2	50

609	Study of $B \rightarrow D^{(*)} s J + D^{(*)}$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
608	Measurements of $B(B \rightarrow \bar{D} + p)$ and $B(B \rightarrow \bar{D} + p)$ and studies of $\bar{D} + p$ resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47
607	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2004 , 70,	4.9	47
606	Study of $B_0 \rightarrow \pi \pi$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2007 , 76,	4.9	46
605	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46
604	Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body B decays into pions and kaons. <i>Physical Review Letters</i> , 2001 , 87, 151802	7.4	46
603	A study of \bar{D} decays involving π and η mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 263-273		45
602	Search for CPT and lorentz violation in $B_0 - \bar{B}_0$ oscillations with dilepton events. <i>Physical Review Letters</i> , 2008 , 100, 131802	7.4	45
601	J/ψ production via initial state radiation in $e^+e^- \rightarrow \gamma \psi$ at an e^+e^- center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69,	4.9	44
600	An upper limit on the (tau) neutrino mass from three- and five-prong tau decays 1998 , 2, 395		44
599	Measurements of the semileptonic decays $B \rightarrow D \pi$ and $B \rightarrow D^* \pi$ using a global fit to $D X$ final states. <i>Physical Review D</i> , 2009 , 79,	4.9	43
598	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2011 , 107, 021804	7.4	43
597	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})(B \rightarrow X(s+d))$. <i>Physical Review Letters</i> , 2012 , 109, 191801	7.4	43
596	Determination of the form factors for the decay $B_0 \rightarrow D^* \pi$ and of the CKM matrix element $ V_{cb} $. <i>Physical Review D</i> , 2008 , 77,	4.9	43
595	Search for neutralino production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 541-550	4.2	43
594	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B \rightarrow \bar{D} K$ and $B \rightarrow \bar{D} K S_0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42
593	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle β with $B \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801	7.4	42
592	Limits on Δ lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42

591	Dalitz plot analysis of $B_{\bar{c}} \rightarrow \bar{c} \bar{u} \bar{d}$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
590	Study of $B^0 \rightarrow \bar{D}^0$, $B_{\bar{c}} \rightarrow \bar{c} \bar{D}^0$, and $B_{\bar{c}} \rightarrow \bar{c} \bar{K}^0$ decays, and isospin analysis of $B \rightarrow \bar{D}$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
589	Measurement of the $B \rightarrow K^0$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
588	Measurement of the hadronic form factor in $D^0 \rightarrow K^0 B$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
587	An experimental study of $B \rightarrow$ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 509-519	4.2	42
586	Dalitz plot analysis of $B_{\bar{c}} \rightarrow D^+ \pi^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	41
585	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow \bar{A}^0$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41
584	Cross sections for the reactions $e^+e^- \rightarrow K^+ K^- \pi^+ K^- K^0$, and $K^+ K^- \pi^+ K^- \pi^0$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4.9	41
583	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , 2006 , 97, 201801	7.4	41
582	An investigation of B_d^0 and B_s^0 oscillation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 441-458	4.2	41
581	A search for pair-produced charged Higgs bosons in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 623-634	4.2	41
580	Measurement of the $e^+e^- \rightarrow \pi^+ \pi^-$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
579	Exclusive measurements of $b \rightarrow s \gamma$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
578	A measurement of the QCD colour factors and a limit on the light gluino. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 1-14		40
577	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. <i>Physical Review D</i> , 2006 , 73,	4.9	40
576	Vector-tensor and vector-vector decay amplitude analysis of $B^0 \rightarrow \pi^+ K^{*0}$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
575	A measurement of $ V_{cb} $ from. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 359, 236-248	4.2	40
574	Observation of Upsilon(4S) decays to $\pi^+ \pi^-$ Upsilon(1S) and $\pi^+ \pi^-$ Upsilon(2S). <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39

573	Observation of B0 meson decay to a $1^{+}(1260)\pi^{+}$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
572	Search for $B^{+} \rightarrow \mu^{+} \mu^{-}$. <i>Physical Review D</i> , 2007 , 76,	4.9	39
571	Measurement of the pseudoscalar decay constant f_D s using charm-tagged events in $e^{+}e^{-}$ collisions at square root $s=10.58$ GeV. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39
570	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 87,	4.9	38
569	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^{-} \ell^{+} \ell^{-}$ ($\ell = \mu, \tau$) and $K^{-} \ell^{+} \ell^{-}$. <i>Physical Review Letters</i> , 2010 , 105, 051602	7.4	38
568	Monolithic pixel detectors in a 0.13 μ 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> , 2006 , 568, 159-166	1.2	38
567	Measurement of the effective b quark fragmentation function at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 357, 699-714	4.2	38
566	Search for CP violation in $Z \rightarrow b \bar{b}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 459-468	4.2	38
565	Search for a very light Higgs boson in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 245, 289-297	4.2	38
564	Production of charged pions, kaons, and protons in $e^{+}e^{-}$ annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	37
563	Time-dependent amplitude analysis of $B^0 \rightarrow K_S^0 \mu^{+} \mu^{-}$. <i>Physical Review D</i> , 2009 , 80,	4.9	37
562	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
561	Measurement of the B^0 and B^{\pm} meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 194-208	4.2	37
560	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0 \mu^{+} \mu^{-}$, $K_S^0 \mu^{+} \mu^{-}$, and $\mu^{+} \mu^{-}$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
559	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \mu^{+} \mu^{-}$ and $K_S^0 \mu^{+} \mu^{-}$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
558	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> , 2006 , 97, 211801	7.4	36
557	Improved limits on the lepton-flavor violating decays $\tau \rightarrow l \nu \nu$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36
556	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> , 2005 , 71,	4.9	36

555	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0\bar{B}^0$ oscillations. <i>Physical Review D</i> , 2004 , 70,	4-9	36
554	Measurements of branching fractions and time-dependent CP-violating asymmetries in $B \rightarrow \eta' K$ decays. <i>Physical Review Letters</i> , 2005 , 94, 191802	7-4	36
553	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> , 2005 , 94, 181802	7-4	36
552	Observation of the time dependence of mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 498-508	4-2	36
551	Search for invisible decays of the Upsilon(1S). <i>Physical Review Letters</i> , 2009 , 103, 251801	7-4	35
550	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $cc\bar{c}$ production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4-9	35
549	Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2004 , 92, 071802	7-4	35
548	Study of the decay $B^0(B^-) \rightarrow \rho^+ \rho^-$, and constraints on the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2004 , 93, 231801	7-4	35
547	Quark and gluon jet properties in symmetric three-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 353-364	4-2	35
546	Evidence for b baryons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 278, 209-216	4-2	35
545	Measurement of $B(B \rightarrow X_s \gamma)$, the $B \rightarrow X_s \gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow X_s d \bar{d}$ decays. <i>Physical Review D</i> , 2012 , 86,	4-9	34
544	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> , 2009 , 103, 211801	7-4	34
543	Resonant structure and flavour tagging in the $B \Xi$ system using fully reconstructed B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 425, 215-226	4-2	34
542	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4-9	34
541	Observation of a significant excess of $\pi^0 \pi^0$ events in B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 241801	7-4	34
540	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4-9	33
539	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$, $(\psi(2S))K^*$, and $\psi(1K)^*$ with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4-9	33
538	Improved measurements of the branching fractions for $B^0 \rightarrow \eta \pi^0$ and $B^0 \rightarrow K^+ \pi^-$ and a search for $B^0 \rightarrow K^+ K^-$. <i>Physical Review D</i> , 2007 , 75,	4-9	33

537	Search for lepton flavor violating decays $\tau(\pm) \rightarrow l(\pm)\pi^0, l(\pm)\eta, l(\pm)\eta'$. <i>Physical Review Letters</i> , 2007 , 98, 061803	7.4	33
536	Measurements of CP-violating asymmetries and branching fractions in B meson decays to η' . <i>Physical Review Letters</i> , 2003 , 91, 161801	7.4	33
535	Inclusive production of neutral vector mesons in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 379-392		33
534	Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 427-438	4.2	33
533	Observation of the semileptonic decays of B^0 and B^+ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 145-156	4.2	33
532	Cross sections for the reactions $e^+e^- \rightarrow K^0\bar{K}^0, K^0\bar{K}^0 + K^0\bar{K}^0$ and $K^0\bar{K}^0 + K^0\bar{K}^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4.9	32
531	Study of $B^0 \rightarrow \bar{D}^0 K^0$ and $B^0 \rightarrow \bar{D}^0 K^0$ decays at BABAR. <i>Physical Review D</i> , 2008 , 77,	4.9	32
530	Measurements of CP-violating asymmetries in the decay $B^0 \rightarrow K^+K^-K^0$. <i>Physical Review Letters</i> , 2007 , 99, 161802	7.4	32
529	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> , 1992 , 295, 396-408	4.2	32
528	Measurement of the branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 479-491	4.2	32
527	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , 2013 , 87,	4.9	31
526	Dalitz plot analysis of $D_{s^+} \rightarrow \bar{D}^0 K^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	31
525	Measurement of CP violation parameters with a Dalitz plot analysis of $B^{\pm} \rightarrow D^0 \pi^{\pm} \pi^0 K^{\pm}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	31
524	Measurement of the B^+/B^0 production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	31
523	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B^+) \rightarrow \rho^0(\rho^+)$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	31
522	Measurement of the production rates of B^0 and B^+ in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 210-220	4.2	31
521	Measurement of $D^0\bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^0$ and K^+K^- . <i>Physical Review D</i> , 2009 , 80,	4.9	30
520	Dalitz plot analysis of $D_{s^+} \rightarrow K^+K^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	30

519	Amplitude analysis of the decay $B_{\bar{d}} \rightarrow \bar{d} \bar{s} \bar{s}$. <i>Physical Review D</i> , 2005 , 72,	4.9	30
518	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , 2004 , 92, 181801	7.4	30
517	Study of the $B_s 0 B_s 0$ oscillation frequency using $D_s \bar{K}$ combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 205-221	4.2	30
516	First measurement of the B_S meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 425-436	4.2	30
515	Search for excited leptons in $Z 0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 501-510	4.2	30
514	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B_{\bar{d}} \rightarrow D^{(*)} K^{(*)} \bar{d}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
513	Measurement of the $B 0 \rightarrow \bar{d} \bar{d}$ and $B^{+} \rightarrow \bar{u} \bar{d}$ branching fractions, the $B 0 \rightarrow \bar{d} \bar{d}$ and $B^{+} \rightarrow \bar{u} \bar{d}$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29
512	A measurement of R_b using a lifetime-mass tag. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 150-162	4.2	29
511	Study of $B \rightarrow D^{(*)} D_s(J)^{(*)}$ decays and measurement of $D_s \bar{d}$ and $D_s J(2460) \bar{d}$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29
510	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> , 1992 , 284, 151-162	4.2	29
509	Observation of the $(1 3 D_J)$ bottomonium state through decays to $\bar{d} \bar{d} (1 S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28
508	Study of $B \rightarrow X \bar{d}$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
507	Measurement of $B \rightarrow K^{*}(892) \gamma$ branching fractions and CP and Isospin asymmetries. <i>Physical Review Letters</i> , 2009 , 103, 211802	7.4	28
506	Measurement of the branching fractions of $B \rightarrow D^{*}(\ell) \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 101, 261802	7.4	28
505	Search for $D 0 D \bar{D} 0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , 2007 , 76,	4.9	28
504	Measurement of CP-violating asymmetries in $B 0 \rightarrow \bar{d} \bar{d}$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
503	Measurements of the structure of quark and gluon jets in hadronic Z decays. <i>European Physical Journal C</i> , 2000 , 17, 1-18	4.2	28
502	Strange b baryon production and lifetime in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 449-460	4.2	28

501	Study of $B_{d,s}^0 \rightarrow J/\psi + K_{d,s}^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , 2015 , 91,	4.9	27
500	Measurement of $D^0\bar{D}^0$ mixing and CP violation in two-body D^0 decays. <i>Physical Review D</i> , 2013 , 87,	4.9	27
499	Studies of $B_{d,s}^0$ and $B_{d,s}^+$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , 2011 , 83,	4.9	27
498	Search for the rare decay $B^0 \rightarrow \tau^+\tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
497	Study of $B \rightarrow \bar{D}^0$ and $B \rightarrow \bar{D}^+$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4.9	27
496	Measurements of the decays $B^0 \rightarrow D^0 p \bar{p}$, $B^0 \rightarrow D^+ 0 p \bar{p}$, $B^0 \rightarrow D^0 p \bar{p}$, and $B^0 \rightarrow D^+ \bar{p} p$. <i>Physical Review D</i> , 2006 , 74,	4.9	27
495	Search for strange-pentaquark production in e^+e^- annihilation at $\sqrt{s} = 10.58$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 042002	7.4	27
494	Study of the subjet structure of quark and gluon jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 389-398	4.2	27
493	The design, construction and performance of the ALEPH silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 379, 101-115	1.2	27
492	Measurement of the ratio using event shape variables. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 549-563	4.2	27
491	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> , 1993 , 313, 520-534	4.2	27
490	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	26
489	Measurement of CP observables in $B_{d,s}^0 \rightarrow D^0 C P K_{d,s}^0$ decays and constraints on the CKM angle α <i>Physical Review D</i> , 2010 , 82,	4.9	26
488	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26
487	Measurements of the \bar{D}_s mass and the mass difference of the \bar{D}_s and \bar{D}_s^+ at BABAR. <i>Physical Review D</i> , 2009 , 80,	4.9	26
486	A measurement of R_b using mutually exclusive tags. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 163-175	4.2	26
485	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> , 2006 , 73,	4.9	26
484	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> , 2006 , 565, 195-201	1.2	26

483	Observation of the decay $B_0 \rightarrow \mu^+ \mu^-$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
482	Observation of the decay $B^+ \rightarrow \pi^+ \pi^0$, study of $B^+ \rightarrow K^+ \pi^0$, and search for $B_0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 021801	7.4	26
481	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
480	Improved measurements of CP-violating asymmetry amplitudes in $B_0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 151803	7.4	26
479	Determination of $ V_{ub} $ from the measurement of the inclusive charmless semileptonic branching ratio of b hadrons 1999 , 6, 555		26
478	Measurement of the $D^*(2010)^+$ meson width and the $D^*(2010)^+ - D_0$ mass difference. <i>Physical Review Letters</i> , 2013 , 111, 111801	7.4	25
477	Study of hadronic transitions between Ξ states and observation of $\Xi(4S) \rightarrow \Xi(1S)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25
476	Dalitz plot analysis of the decay $B_0(B_{\text{CP}}) \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
475	Study of the decay $D_{s^+} \rightarrow K^+ K^0 \pi^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
474	Measurements of CP-violating asymmetries in $B_0 \rightarrow a_1^+ (1260) \pi^-$ decays. <i>Physical Review Letters</i> , 2007 , 98, 181803	7.4	25
473	Measurement of the $B_0 \rightarrow D^+ D_{s^*}^-$ and $D_{s^+} \rightarrow \pi^0$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
472	Measurement of the B_{s0} lifetime and production rate with D_{s^*} combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 361, 221-233	4.2	25
471	Tau hadronic branching ratios. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 579-608		25
470	A measurement of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 449-458	4.2	25
469	Measurement of mixing at the Z using a jet-charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 177-190	4.2	25
468	Search for CP violation in the decay $B \rightarrow B_{s0}(\pi^0) \pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	24
467	Measurement of the absolute branching fractions for $D_{s^*} \rightarrow \pi^0$ and extraction of the decay constant f_{D_s} . <i>Physical Review D</i> , 2010 , 82,	4.9	24
466	Search for lepton-number violating processes in $B^+ \rightarrow h^+ l^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24

465	Measurement of time dependent CP asymmetry parameters in B^0 meson decays to K_S^0 , \bar{K}^0 , and \bar{K}^0_S . <i>Physical Review D</i> , 2009 , 79,	4.9	24
464	Measurement of the $B \rightarrow \bar{B}$ branching fraction and a search for a second-class current in the $B \rightarrow \bar{K}(958) \pi$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24
463	Measurement of the branching fraction, polarization, and CP asymmetries in $B^0 \rightarrow \bar{D}^0$ decay, and implications for the CKM angle β . <i>Physical Review D</i> , 2008 , 78,	4.9	24
462	Amplitude analysis of the $B^+ \rightarrow \phi K^*(892)^+ \pi^-$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
461	Amplitude analysis of the decay $D^0 \rightarrow K \bar{K} \pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	24
460	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> , 2004 , 93, 051802	7.4	24
459	Measurement of the $B^0 \rightarrow K_2^*(1430)^0 \pi^+$ and $B^+ \rightarrow K_2^*(1430)^+ \pi^-$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
458	Search for the decay $B^0 \rightarrow p \bar{p} \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
457	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , 2003 , 67,	4.9	24
456	Measurement of B^0 - \bar{B}^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	7.4	24
455	Measurement of the $D^* \pi$ cross section in two photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 595-605	4.2	24
454	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> , 1991 , 310, 160-164	1.2	24
453	An investigation into intermittency. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 21-32		24
452	Updated measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 174-186	4.2	24
451	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> , 2015 , 91,	4.9	23
450	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
449	Measurements of branching fraction, polarization, and charge asymmetry of $B^{(\pm)} \rightarrow \rho^{(\pm)} \rho^{(0)}$ and a search for $B^{(\pm)} \rightarrow \rho^{(\pm)} f(0)(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23
448	Measurements of the branching fractions of charged B decays to $K \pi \pi$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23

- 447 Study of the rare decays $B^0 \rightarrow D^{(*)+}(s)\pi^-$ and $B^0 \rightarrow D^{(*)-}(s)K^+$. *Physical Review Letters*, **2003**, 90, 181801 23
- 446 Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \pi$ decays. *Physical Review D*, **2005**, 71, 4.9 23
- 445 Limit on B^0 s oscillation using a jet charge method. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1995**, 356, 409-422 4.2 23
- 444 Development of silicon micropattern pixel detectors. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1994**, 348, 399-408^{1,2} 23
- 443 Dalitz plot analyses of $B^0 \rightarrow D^0 K^+$ and $B^+ \rightarrow D^0 D^0 K^+$ decays. *Physical Review D*, **2015**, 91, 4.9 22
- 442 Search for lepton-number violating $B^+ \rightarrow X \mu^+ \nu$ decays. *Physical Review D*, **2014**, 89, 4.9 22
- 441 Search for $b \rightarrow u$ transitions in $B^0 \rightarrow DK^0$ and $D^* K^0$ decays. *Physical Review D*, **2010**, 82, 4.9 22
- 440 Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow X c \ell$. *Physical Review D*, **2010**, 81, 4.9 22
- 439 Evidence for the $h_b(1P)$ meson in the decay $(B^S) \rightarrow \eta h_b(1P)$. *Physical Review D*, **2011**, 84, 4.9 22
- 438 Measurements of $B \rightarrow \{ \pi, \eta, \eta' \} \ell \nu$ branching fractions and determination of $|V_{ub}|$ with semileptonically tagged B mesons. *Physical Review Letters*, **2008**, 101, 081801 7.4 22
- 437 Branching fraction measurements of $B^+ \rightarrow \rho^+ \gamma$, $B^0 \rightarrow \rho^0 \gamma$, and $B^0 \rightarrow \omega \gamma$. *Physical Review Letters*, **2007**, 98, 151802 7.4 22
- 436 Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. *Physical Review D*, **2005**, 72, 4.9 22
- 435 Measurement of the Cabibbo-Kobayashi-Maskawa matrix element V_{ub} with $B \rightarrow \rho \nu$ decays. *Physical Review Letters*, **2003**, 90, 181801 7.4 22
- 434 . *IEEE Transactions on Nuclear Science*, **1993**, 40, 753-758 1.7 22
- 433 Exclusive production of $D_s^+ D_s^-$, $D_s^+ D_s^0$ and $D_s^+ D_s^{*0}$ via $e^+ e^-$ annihilation with initial-state radiation. *Physical Review D*, **2010**, 82, 4.9 21
- 432 Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^0 \pi^-$ decays. *Physical Review D*, **2010**, 81, 4.9 21
- 431 Amplitude analysis of $B^0 \rightarrow K^+ \pi^-$ and evidence of direct CP violation in $B \rightarrow K^* \pi$ decays. *Physical Review D*, **2011**, 83, 4.9 21
- 430 The SLIM5 low mass silicon tracker demonstrator. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2010**, 623, 942-953^{1,2} 21

429	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K1^{+/-}$ and $B^{+/-} \rightarrow \phi K2^{*+/-}$. <i>Physical Review Letters</i> , 2008 , 101, 161801	7.4	21
428	Production and decay of Ω_{cc} . <i>Physical Review Letters</i> , 2007 , 99, 062001	7.4	21
427	Observation of CP violation in $B \rightarrow \eta' K0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
426	Measurement of the branching fractions for the exclusive decays of $B0$ and $B+$ to $D^{(*)}D^{(*)}K$. <i>Physical Review D</i> , 2003 , 68,	4.9	21
425	Search for CP violation in the decay $Z \rightarrow \mu\mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 371-378	4.2	21
424	Measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 279, 411-421	4.2	21
423	Search for particles with unexpected mass and charge in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 303, 198-208	4.2	21
422	Search for the rare decay $B \rightarrow K\pi$ <i>Physical Review D</i> , 2010 , 82,	4.9	20
421	Improved measurement of $B^+ \rightarrow \rho^+ \rho^0$ and determination of the quark-mixing phase angle α . <i>Physical Review Letters</i> , 2009 , 102, 141802	7.4	20
420	Measurement of the $B \rightarrow D^{(*)}D^{(*)}K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20
419	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> , 2012 , 86,	4.9	20
418	Improved measurement of the $B^0_d - \bar{B}^0_d$ oscillation frequency. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 75, 397-407		20
417	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> , 1998 , 434, 437-450	4.2	20
416	Searches for the decays $B^0 \rightarrow l\bar{l}\pi$ and $B^+ \rightarrow l^+\pi$ ($l=e, \mu$) using hadronic tag reconstruction. <i>Physical Review D</i> , 2008 , 77,	4.9	20
415	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
414	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
413	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)}D^{(*)}$, and implications for the Cabibbo-Kobayashi-Maskawa angle β <i>Physical Review D</i> , 2006 , 73,	4.9	20
412	Measurement of branching fractions of color-suppressed decays of the B^0 meson to $D^{(*)}0\pi$, $D^{(*)}0\pi D^{(*)}0\pi$ and $D0\pi$. <i>Physical Review D</i> , 2004 , 69,	4.9	20

411	Search for $D^0\bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
410	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , 2005 , 95, 111801	7.4	20
409	Measurements of the branching fraction and CP-violation asymmetries in $B^0 \rightarrow f_0(980)K^0_S$. <i>Physical Review Letters</i> , 2005 , 94, 041802	7.4	20
408	Limit on the $B^0 \rightarrow \rho^0 \rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2005 , 94, 131801	7.4	20
407	Search for T and CP violation in B^0 - B^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 231801	7.4	20
406	A study of production in semileptonic B decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 103-114	4.2	20
405	Search for Long-Lived Particles in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , 2015 , 114, 171801	7.4	19
404	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> , 2013 , 111, 101802	7.4	19
403	Test of lepton universality in $\Upsilon(1S)$ decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19
402	Search for CP violation in the decay $D^0 \rightarrow KS^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	19
401	Search for the decay $D^0 \rightarrow \bar{K}^0$ and measurement of the branching fraction for $D^0 \rightarrow \bar{K}^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	19
400	Updated measurement of the τ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 362-372	4.2	19
399	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow KS^0 \bar{K}^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
398	Study of B-meson decays to $\bar{K}^0 K^0$, $\bar{K}^0(2S)K^0$, and $\bar{K}^0 K^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	19
397	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^{*+/-} D^0$. <i>Physical Review Letters</i> , 2007 , 99, 071801.	7.4	19
396	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow KS^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	19
395	Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays. <i>Physical Review Letters</i> , 2003 , 91, 051801	7.4	19
394	Measurement of the B^0 - B^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19

393	Measurements of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 357, 685-698	4.2	19
392	Measurement of the Bs0 lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 275-286	4.2	19
391	Update of electroweak parameters from Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 71-81		19
390	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> , 1988 , 273, 677-681	1.2	19
389	Measurement of the b baryon lifetime and branching fractions in Z decays 1998 , 2, 197		19
388	Measurement of the semileptonic decays $B^{\pm} \rightarrow D^{\pm} \ell^{\pm} \bar{\nu}_{\ell}$ and $B^{\pm} \rightarrow D^{*\pm} \ell^{\pm} \bar{\nu}_{\ell}$ <i>Physical Review D</i> , 2009 , 79,	4.9	18
387	Search for the Bc meson in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 402, 213-226	4.2	18
386	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a K* meson. <i>Physical Review Letters</i> , 2006 , 97, 201802	7.4	18
385	Dalitz plot analysis of $D^0 \rightarrow K^+ K^- K^0$ <i>Physical Review D</i> , 2005 , 72,	4.9	18
384	Measurements of CP-violating asymmetries in $B^0 \rightarrow K(0^*) \pi(0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131805	7.4	18
383	Observation of $B^0 \rightarrow \omega K^0$, $B^{+-} \rightarrow \eta \pi^+$, and $B^{+-} \rightarrow \eta K^+$ and study of related decays. <i>Physical Review Letters</i> , 2004 , 92, 061801	7.4	18
382	One-prong Υ decays into charged kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 332, 209-218	4.2	18
381	Observation of $\Upsilon(1S)$ and $\Upsilon(2S)$ decays to $K^+ K^0 \pi^0$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17
380	Study of high-multiplicity three-prong and five-prong Υ decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	17
379	Search for D^0 - \bar{D}^0 mixing and branching-ratio measurement in the decay $D^0 \rightarrow K^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2006 , 97, 221803	7.4	17
378	Proposal of a data sparsification unit for a mixed-mode MAPS detector 2007 ,		17
377	Measurements of branching fractions in $B \rightarrow \bar{K}^* K$ and $B \rightarrow \bar{K}^* \pi$ and search for direct CP violation in $B \rightarrow \bar{K}^* \pi$. <i>Physical Review D</i> , 2004 , 69,	4.9	17
376	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , 2004 , 93, 071801	7.4	17

375	Rare B decays into states containing a J/psi meson and a meson with s(-)s quark content. <i>Physical Review Letters</i> , 2003 , 91, 071801	7.4	17
374	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 15-25		17
373	Observation of doubly-charmed B decays at LEP 1998 , 4, 387		17
372	Dalitz plot analysis of $B \rightarrow K+K\bar{K}$ and $B \rightarrow K+K^0$ in two-photon interactions. <i>Physical Review D</i> , 2014 , 89,	4.9	16
371	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> , 2005 , 71,	4.9	16
370	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> , 2003 , 508, 128-132	1.2	16
369	Measurement of branching fractions and charge asymmetries in B^+ decays to $\eta \pi^+$, ηK^+ , $\eta \rho^+$, and $\eta' \pi^+$, and search for B^0 decays to ηK^0 and $\eta \omega$. <i>Physical Review Letters</i> , 2005 , 95, 131803	7.4	16
368	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , 2002 , 65,	4.9	16
367	Tau leptonic branching ratios ALEPH Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 561-577		16
366	Charm counting in b decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 648-658	4.2	16
365	Determination of the leptonic branching ratios of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 234, 399-408	4.2	16
364	The ALEPH minivertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1987 , 257, 587-590	1.2	16
363	Search for a light Higgs boson decaying to two gluons or ss in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
362	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> , 1998 , 436, 211-221	4.2	15
361	Measurement of the decay $B^{(-)} \rightarrow D^{*0} e^{(-)} \nu_{\text{e}}$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15
360	Measurements of partial branching fractions for $B \rightarrow X \ell \nu$ and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2008 , 100, 171802	7.4	15
359	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
358	Search for lepton flavor violating decays $\tau_{\ell} \rightarrow l + \omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15

357	Inclusive \bar{b} production in e^+e^- annihilations at $s=10.54$ GeV and in $(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
356	Observation of B Meson decays to $b_1\pi$ and b_1K . <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
355	Measurement of $B^0 \rightarrow D^{(*)0} K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
354	Branching fractions and CP asymmetries in $B^0 \rightarrow K^+ K^- K^0 S$ and $B^{+-} \rightarrow K^+ K^0 S K^0 S$. <i>Physical Review Letters</i> , 2004 , 93, 181805	7.4	15
353	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-} D^-/+$. <i>Physical Review Letters</i> , 2003 , 90, 221801	7.4	15
352	Measurement of the $B(0)$ and $B(+)$ meson lifetimes with fully reconstructed hadronic final states. <i>Physical Review Letters</i> , 2001 , 87, 201803	7.4	15
351	Michel parameters and neutrino helicity from decay correlations in $Z \rightarrow \mu\mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 379-388	4.2	15
350	A measurement of the semileptonic branching ratio ($\text{BR}\{\bar{b}\text{-baryon}\} \rightarrow \text{p} \bar{l} \nu_X$) and a study of inclusive (π^{\pm}), (K^{\pm}), (p, \bar{p}) production in Z decays 1998 , 5, 205		15
349	Measurement of the $D^{*}(2010)^+$ natural linewidth and the $D^{*}(2010)^+ D^0$ mass difference. <i>Physical Review D</i> , 2013 , 88,	4.9	14
348	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> , 2011 , 650, 169-173	1.2	14
347	Search for charged lepton flavor violation in narrow u decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7.4	14
346	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} D^{(*)}$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	14
345	Model-independent search for the decay $B^{+-} \rightarrow l^+ \mu^-$ <i>Physical Review D</i> , 2009 , 80,	4.9	14
344	Observation of B meson decays to \bar{K}^* and improved measurements for \bar{B} and B^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	14
343	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2009 , 80,	4.9	14
342	B meson decays to charmless meson pairs containing \bar{B}_r mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
341	Search for the rare leptonic decays $B^{+-} \rightarrow l^+ \mu^-$ ($l=e, \mu$) <i>Physical Review D</i> , 2009 , 79,	4.9	14
340	Study of the baryonic B decay $B \rightarrow \bar{p} p$ <i>Physical Review D</i> , 2012 , 86,	4.9	14

339	Amplitude analysis and measurement of the time-dependent CP asymmetry of $B_0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	14
338	Measurement of the B_0 lifetime and the $B_0 B_0$ oscillation frequency using partially reconstructed $B_0 \rightarrow D^* + \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
337	Search for $B^+ \rightarrow \pi^+ \pi^0$ and $B_0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14
336	B meson decays to K^* , $\pi \pi$, and π^0 . <i>Physical Review D</i> , 2006 , 74,	4.9	14
335	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D_0 \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 93, 191801	7.4	14
334	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> , 2003 , 67,	4.9	14
333	Performance of second generation BABAR resistive plate chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 552, 276-291	1.2	14
332	Search for the rare leptonic decay $B \rightarrow \tau \nu_\tau$. <i>Physical Review Letters</i> , 2005 , 95, 041804	7.4	14
331	Search for supersymmetric particles with R-parity violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 349, 238-252	4.2	14
330	Test of the flavour independence of β_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 381-393	4.2	14
329	K_0 production in one-prong π decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 332, 219-227	4.2	14
328	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> , 1994 , 335, 99-108	4.2	14
327	A precise measurement of the τ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 432-448	4.2	14
326	Three-prong π decays with charged kaons 1998 , 1, 65		14
325	(K^0_S) production in (τ) decays 1998 , 4, 29		14
324	Study of CP asymmetry in $B^0 - \bar{B}^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13
323	Measurement of the $e^+ e^- \rightarrow \pi^0 \pi^0$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , 2017 , 96,	4.9	13
322	Branching fraction measurement of $B^+ \rightarrow \pi^+ \pi^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13

321	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle β from $B_0 \rightarrow a_1(1260)\pi$. <i>Physical Review D</i> , 2010 , 81,	4.9	13
320	Searches for the baryon- and lepton-number violating decays $B_0 \rightarrow \bar{p} + l + B \bar{p}$ and $B \bar{p} \rightarrow \pi \pi$. <i>Physical Review D</i> , 2011 , 83,	4.9	13
319	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 $B \rightarrow \bar{D}^0 K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
318	Improved limits on B_0 decays to invisible (π) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
317	The superB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 585-587	1.2	13
316	Measurement of the spin of the $\chi(1530)$ resonance. <i>Physical Review D</i> , 2008 , 78,	4.9	13
315	Search for $B_0 \rightarrow ?(K + \pi)$ decays with large $K + \pi$ invariant mass. <i>Physical Review D</i> , 2007 , 76,	4.9	13
314	Measurement of branching fractions and resonance contributions for $B_0 \rightarrow D^0 K + \pi^-$ and search for $B_0 \rightarrow D^0 K + \pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 011803	7.4	13
313	Study of the $B \rightarrow 3h + \pi$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
312	Measurement of the ratio $B(B \rightarrow D^* 0 K) / B(B \rightarrow D^* 0)$ and of the CP asymmetry of $B \rightarrow D^{CP} + 0 K$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
311	Measurement of time-dependent CP-violating asymmetries in $B_0 \rightarrow K^* 0 \gamma (K^* 0 \rightarrow K(0) \pi^0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 201801	7.4	13
310	Performances of RPCs in the BaBar experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 322-327 ^{1.2}	1.2	13
309	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^{(*)} D^{(*)}$. <i>Physical Review Letters</i> , 2003 , 91, 131801	7.4	13
308	Evidence for $B \rightarrow J/\psi \pi (-) \Lambda$; and search for $B_0 \rightarrow J/\psi \pi (-) p$. <i>Physical Review Letters</i> , 2003 , 90, 231801	7.4	13
307	Measurement of D_s^+ and D_s^{*+} production in B meson decays and from continuum e^+e^- annihilation at $s=10.6$ GeV. <i>Physical Review D</i> , 2002 , 65,	4.9	13
306	Improved tau polarisation measurement. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 183-193		13
305	Observation of charmless hadronic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 471-480	4.2	13
304	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> , 1993 , 326, 183-188	1.2	13

303	Measurement of the b hadron lifetime with the dipole method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 314, 459-470	4.2	13
302	Search for evidence of compositeness at LEP I 1998 , 4, 571		13
301	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4.9	12
300	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> , 2009 , 604, 408-411	1.2	12
299	Search for the decay $B \rightarrow K_S K_S$. <i>Physical Review D</i> , 2009 , 79,	4.9	12
298	Study of $(B_S, 2S) \rightarrow \eta(1S)$ and $(B_S, 2S) \rightarrow \eta(1S)$ hadronic transitions. <i>Physical Review D</i> , 2011 , 84,	4.9	12
297	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> , 2011 , 84,	4.9	12
296	Search for the highly suppressed decays $B \rightarrow K^+ \pi^-$ and $B \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	12
295	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$. <i>Physical Review Letters</i> , 2007 , 99, 201801	7.4	12
294	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12
293	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$ <i>Physical Review D</i> , 2006 , 74,	4.9	12
292	Searches for B^0 decays to K^0, π^0, η , and η' . <i>Physical Review D</i> , 2006 , 74,	4.9	12
291	Branching fraction limits for B^0 decays to η, η' and π^0 . <i>Physical Review D</i> , 2006 , 73,	4.9	12
290	Search for the decay $B^+ \rightarrow \eta \pi^+$ <i>Physical Review D</i> , 2006 , 73,	4.9	12
289	Search for the decay $B^0 \rightarrow a_1 \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
288	Measurement of CP observables for the decays $B^0 \rightarrow D^0 \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
287	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} \pi^-$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7.4	12
286	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$. <i>Physical Review Letters</i> , 2004 , 92, 201802	7.4	12

285	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta+\gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*\mp} \pi^{\pm}$ decays. <i>Physical Review Letters</i> , 2004 , 92, 251802	7.4	12
284	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B^0 B^0$. <i>Physical Review Letters</i> , 2005 , 95, 042004	7.4	12
283	Branching fraction and CP asymmetries of $B^0 \rightarrow K^0_S K^0_S K^0_S$. <i>Physical Review Letters</i> , 2005 , 95, 011801	7.4	12
282	Search for decays of $B^0 \rightarrow e^+ e^-$, $B^0 \rightarrow \mu^+ \mu^-$, $B^0 \rightarrow e^+ \mu^-$. <i>Physical Review Letters</i> , 2005 , 94, 221803	7.4	12
281	The BaBar silicon-vertex tracker: performance, running experience, and radiation-damage studies. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 3284-3289	1.7	12
280	Measurement of the mass of the $\bar{\Lambda}$ baryon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 380, 442-452	4.2	12
279	Measurement of the semileptonic branching fraction of the B_s meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11
278	Measurement of CP-violating asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4.9	11
277	Search for $b \rightarrow u$ transitions in $B_{\mu} \rightarrow [K^* \pi] DK_{\mu}$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
276	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{(*)} \pi^0$, $D^{(*)} \pi^0 \pi^0$ and $D^{(*)} \pi^0 \pi^0$ and measurement of the polarization in the decay $B^0 \rightarrow D^{*0} \pi^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	11
275	Measurement of the branching fraction and π polarization in $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	11
274	The topology dependence of charged particle multiplicities in three-jet events. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 191-199		11
273	Determination of AFB_b using jet charge measurements in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 217-230	4.2	11
272	Search for $B \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	11
271	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> , 2008 , 78,	4.9	11
270	Measurements of the branching fractions of $B^0 \rightarrow K^* K^+ K^-$, $B^0 \rightarrow K^* \pi^+ \pi^-$, $B^0 \rightarrow K^* K^+ \pi^-$ and $B^0 \rightarrow K^* \pi^0 \pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	11
269	Measurement of the $B_{\mu} \rightarrow \pi^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
268	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11

267	Evidence for $B(0) \rightarrow \rho(0)\rho(0)$ decays and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2007 , 98, 111801	7.4	11
266	Measurement of the branching fraction for $B_{\mu} \rightarrow \mu K_{\mu}$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
265	Searches for B_0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
264	Measurement of the $B_0 \rightarrow J/\psi \pi^+ \pi^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 90, 091801	7.4	11
263	Search for radiative penguin decays $B(+)\rightarrow\rho(+)\gamma$, $B(0)\rightarrow\rho(0)\gamma$, and $B(0)\rightarrow\omega\gamma$. <i>Physical Review Letters</i> , 2005 , 94, 011801	7.4	11
262	Search for factorization-suppressed $B\rightarrow\chi(c)K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
261	First Observation of CP Violation in $B[\text{over } \chi^0] \rightarrow D_{\text{CP}}^{(*)} h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , 2015 , 115, 121604	7.4	10
260	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , 2013 , 87,	4.9	10
259	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
258	Improved limits on lepton-flavor-violating tau decays to $l\phi$, $l\rho$, lK , and $l\bar{K}$. <i>Physical Review Letters</i> , 2009 , 103, 021801	7.4	10
257	Constraints on the CKM angle β in $B_0 \rightarrow D^0 K^0$ and $B_0 \rightarrow D^0 \bar{K}^0$ from a Dalitz analysis of D^0 and D^0 decays to KS^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	10
256	Measurement of the branching fraction for $D_0 \rightarrow K_{\mu}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 403, 367-376	4.2	10
255	Measurement of the branching fractions of the rare decays $B_0 \rightarrow D_s^* + \pi$, $B_0 \rightarrow D_s^* + \eta$ and $B_0 \rightarrow D_s^* + \eta' + \pi$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
254	Improved measurement of CP observables in $B_{\mu} \rightarrow DCP_0 K_{\mu}$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	10
253	Observation of $e^+e^- \rightarrow \mu^+\mu^-$ near $s=10.58$ GeV. <i>Physical Review D</i> , 2008 , 78,	4.9	10
252	Observation of $B^+ \rightarrow b_1^+ K_0$ and search for B-meson decays to $b_1^0 K_0$ and b_1^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	10
251	Search for neutral B-meson decays to $a_0 \pi a_0 K$, η , and η' . <i>Physical Review D</i> , 2007 , 75,	4.9	10
250	Measurement of CP asymmetry in $B_0 \rightarrow K_{S0} \pi\pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10

249	Measurement of the $D^+ \rightarrow \pi^0$ and $D^+ \rightarrow K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
248	Branching fraction measurements of charged B decays to $K^* + K + K^0$, $K^* + \pi^0 K^0$, $K^* + K + \pi^0$ and $K^* + \pi^0$ final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10
247	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	10
246	Measurements of CP-violating asymmetries and branching fractions in B decays to π^0 and π^+ . <i>Physical Review D</i> , 2006 , 74,	4.9	10
245	Measurement of branching fractions in radiative B decays to $\pi^0 \gamma$ and search for B decays to $\pi^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	10
244	Search for B^0 decays to invisible final states and to $\nu\bar{\nu}$. <i>Physical Review Letters</i> , 2004 , 93, 091802.	7.4	10
243	Measurement of the branching fractions and CP asymmetry of $B \rightarrow D^{(*)} K$ decays with the BABAR detector. <i>Physical Review Letters</i> , 2004 , 92, 202002	7.4	10
242	Simultaneous measurement of the B^0 meson lifetime and mixing frequency with $B^0 \rightarrow D^{(*)} \pi^0$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	10
241	Study of CP-violating asymmetries in $B^0 \rightarrow \pi^0 K^0$ decays. <i>Physical Review D</i> , 2002 , 65,	4.9	10
240	Measurement of the $B(0)$ lifetime with partially reconstructed $B(0) \rightarrow D^{(*)} \ell^+ \nu(\ell)$ decays. <i>Physical Review Letters</i> , 2002 , 89, 011802	7.4	10
239	Measurement of the τ lepton lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 549-559		10
238	A precise measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 369, 151-162	4.2	10
237	. <i>IEEE Transactions on Nuclear Science</i> , 1989 , 36, 40-45	1.7	10
236	Search for CP violation in the decays $D_s^+ \rightarrow K^0 K^+$, $D_s^+ \rightarrow K^0 K^+$, and $D_s^+ \rightarrow K^0 \pi^+$. <i>Physical Review D</i> , 2013 , 87,	4.9	9
235	B-meson decays to $\pi^0 \pi^0$, and $\pi^0 K^*$. <i>Physical Review D</i> , 2010 , 82,	4.9	9
234	Search for second-class currents in $\tau \rightarrow \omega \pi^0 \nu_\tau$. <i>Physical Review Letters</i> , 2009 , 103, 041802	7.4	9
233	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+$ branching fractions. <i>Physical Review D</i> , 2009 , 79,	4.9	9
232	Search for Lepton Flavor Violating Decays $B \rightarrow \ell \bar{\ell} s^0$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9

231	The SuperB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 636, S168-S172	1.2	9
230	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K_S^0 \pi^0$ and of the branching fraction $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	9
229	Measurements of branching fractions for $B^+ \rightarrow \pi^+ B^0$ and $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
228	Observation of $B^+ \rightarrow \pi^+ \pi^0$ and search for B^0 decays to $\pi^+ \pi^-$, $\pi^0 \pi^0$, and $\pi^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
227	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 2008 ,		9
226	Measurement of the CP asymmetry in $b \rightarrow s \gamma$ using a sum of exclusive final states. <i>Physical Review Letters</i> , 2008 , 101, 171804	7.4	9
225	Search for the decay $B^+ \rightarrow K^+ \pi^0(892) K^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	9
224	Measurement of the relative branching fractions of $B^+ \rightarrow D^+ D^* / D^{**} \pi^+$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2007 , 76,	4.9	9
223	Branching fraction measurement of $B^0 \rightarrow D^+ \pi^-$ and $B^0 \rightarrow D^+ \pi^0$ and isospin analysis of $B^+ \rightarrow D^+ \pi^0$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
222	Study of inclusive B^+ and B^0 decays to flavor-tagged D, Ds, and \bar{D} . <i>Physical Review D</i> , 2007 , 75,	4.9	9
221	Observation of decays $B^0 \rightarrow D_s^+ \pi^-$ and $B^0 \rightarrow D_s^- K^+$. <i>Physical Review Letters</i> , 2007 , 98, 081801	7.4	9
220	Search for the decay $B^+ \rightarrow 4 \pi^+ \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	9
219	Functional characterization of a high-gain BJT radiation detector. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 1882-1886	1.7	9
218	Measurement of the branching fractions for inclusive B^+ and B^0 decays to flavor-tagged D, Ds, and \bar{D} . <i>Physical Review D</i> , 2004 , 70,	4.9	9
217	Branching fraction measurements of $B \rightarrow \bar{D} K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
216	Search for the decay $B^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2004 , 70,	4.9	9
215	Study of time-dependent CP asymmetry in neutral B decays to $J/\psi \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 061802	7.4	9
214	BaBar forward endcap upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 539, 155-171	1.2	9

213	Production and decay of $\chi(c)0$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
212	Measurement of D_s^+ meson production in Z decays and of the τB_s^0 lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 585-595		9
211	Study of (B_s^0) oscillations and lifetime using fully reconstructed (D_s^-) decays 1998 , 4, 367		9
210	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> , 2015 , 91,	4.9	8
209	Measurement of the integrated luminosity of the Phase 2 data of the Belle II experiment. <i>Chinese Physics C</i> , 2020 , 44, 021001	2.2	8
208	Observation of $B \rightarrow D^{(*)} \pi^+ \pi^- \pi^0$ Decays in e^+e^- Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7.4	8
207	Measurement of the $B \rightarrow \mu\mu$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
206	Search for the rare decays $B \rightarrow \mu\mu$ and $B^0 \rightarrow \mu\mu$ <i>Physical Review D</i> , 2013 , 88,	4.9	8
205	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
204	Branching fraction of $B \rightarrow \tau s_0 K_0(0)$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
203	Search for resonances decaying to $\mu\mu$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
202	Measurement of CP violation observables and parameters for the decays $B_{\mu} \rightarrow DK^*\mu$. <i>Physical Review D</i> , 2009 , 80,	4.9	8
201	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> , 2010 , 617, 601-604	1.2	8
200	Measurement of the transverse spin correlations in the decay $Z \rightarrow \mu\mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 405, 191-201	4.2	8
199	The forward-backward asymmetry for charm quarks at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 434, 415-425	4.2	8
198	The associative memory for the self-triggered SLIM5 silicon telescope 2008 ,		8
197	Measurement of the absolute branching fraction of $D_0 \rightarrow K\pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 051802	7.4	8
196	Searches for B meson decays to $\pi\pi$, $\pi\rho$, $\pi f_0(980)$, and $f_0(980)f_0(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8

195	Search for the reactions $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow e^+\mu^-$ <i>Physical Review D</i> , 2007 , 75,	4.9	8
194	Observation of e^+e^- annihilation into the $C = +1$ hadronic final states $\rho(0)\rho(0)$ and $\phi\rho(0)$. <i>Physical Review Letters</i> , 2006 , 97, 112002	7.4	8
193	Measurement of the absolute branching fractions $B \rightarrow D^* D^{**}$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
192	Measurement of the Time-Dependent CP Asymmetry in $B_c \rightarrow D_{CP}; \{(*)\} h_c$ Decays. <i>Physical Review Letters</i> , 2007 , 99, 081801	7.4	8
191	Recent development on triple well 130 nm CMOS MAPS with in-pixel signal processing and data sparsification capability 2007 ,		8
190	Study of $b \rightarrow c$ interference in the decay $B \rightarrow [K^*] DK^*$ <i>Physical Review D</i> , 2005 , 72,	4.9	8
189	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
188	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^+)$ <i>Physical Review D</i> , 2006 , 74,	4.9	8
187	Observation of the exclusive reaction $e^+e^- \rightarrow \tau^+\tau^-$ at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
186	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^* K^*$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
185	The BaBar instrumented flux return performance: lessons learned. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 494, 455-463	1.2	8
184	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> , 2003 , 512, 572-577 ^{1.2}	1.2	8
183	Evidence for $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$, and measurement of the branching fraction and search for direct CP violation in $B^+ \rightarrow K^0 \pi^+$. <i>Physical Review Letters</i> , 2005 , 95, 221801	7.4	8
182	Search for the decay $B^0 \rightarrow \gamma\gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
181	The design and construction of the BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 447, 15-25	1.2	8
180	Measurement of the b forward-backward asymmetry and mixing using high- p_T leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 414-426	4.2	8
179	Search for CP violation in the decay $Z \rightarrow b\bar{b}\gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 365-376	4.2	8
178	Search for decays of the Z^0 into a photon and a pseudoscalar meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 635-643	4.2	8

177	Study of the process $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation. <i>Physical Review D</i> , 2018 , 97,	4.9	8
176	The PixFEL project: development of advanced X-ray pixel detectors for application at future FEL facilities. <i>Journal of Instrumentation</i> , 2015 , 10, C02024-C02024	1	7
175	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , 2015 , 91,	4.9	7
174	Search for direct CP violation in singly Cabibbo-suppressed $D_{s1}^- \rightarrow K^+ K_{s1}^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	7
173	Measurement of the mass of the D_0 meson. <i>Physical Review D</i> , 2013 , 88,	4.9	7
172	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow \bar{0} K^{*+}$ and $B^+ \rightarrow \bar{0}(980) K^{*+}$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	7
171	2011 ,		7
170	Observation of the decay $B^- \rightarrow D(s)((^*)^+) K^- \bar{0}$. <i>Physical Review Letters</i> , 2011 , 107, 041804	7.4	7
169	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^? K_0^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	7
168	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\bar{d}}^- \rightarrow D^* K_{\bar{d}}^-$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	7
167	Observation of $B^+ \rightarrow \bar{0} K_0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4.9	7
166	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^{*+} D^{*0}$. <i>Physical Review D</i> , 2007 , 76,	4.9	7
165	Measurement of B decays to $\bar{0} K$. <i>Physical Review D</i> , 2007 , 75,	4.9	7
164	Measurements of B^+ branching fractions of Cabibbo-suppressed decay modes involving $\bar{0}$ and $\bar{0}$. <i>Physical Review D</i> , 2007 , 75,	4.9	7
163	Measurement of branching fractions and mass spectra of $B^- \rightarrow K \pi \pi \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7.4	7
162	Observation of $B^- \rightarrow \eta' K^*$ and evidence for $B^+ \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
161	Search for the W-exchange decays $B_0 \rightarrow D_s(^*) \bar{D}_s(^*)^+$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
160	Precise branching ratio measurements of the decays $D_0 \rightarrow \bar{0} \bar{0}$ and $D_0 \rightarrow K \bar{0}$ relative to the $D_0 \rightarrow K \bar{0}$ decay. <i>Physical Review D</i> , 2006 , 74,	4.9	7

159	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
158	Search for the decay of a B_0 or B^0 meson to $K^* K^0$ or $K^* K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
157	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 111801	7.4	7
156	Radiation hardness and monitoring of the BaBar vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 290-294	1.2	7
155	A study for the detection of ionizing particles with phototransistors on thick high-resistivity silicon substrates. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 530, 98-104	1.2	7
154	Feasibility studies of microelectrode silicon detectors with integrated electronics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 478, 372-376	1.2	7
153	Triple Well CMOS Active Pixel Sensor with In-Pixel Full Signal Analog		7
152	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} / - D^{*-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
151	Measurement of the branching fraction and CP content for the decay $B^0 \rightarrow D^{(*)+} D^{*-}$. <i>Physical Review Letters</i> , 2002 , 89, 061801	7.4	7
150	The forward-backward asymmetry for charm quarks at the Z pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 479-486	4.2	7
149	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> , 1993 , 308, 425-434	4.2	7
148	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> , 1986 , 251, 449-456	1.2	7
147	Measurement of initial-state final-state radiation interference in the processes $e^+ e^- \rightarrow B^0 \pi^0$ and $e^+ e^- \rightarrow B^0 \pi^0$. <i>Physical Review D</i> , 2015 , 92,	4.9	6
146	B_0 meson decays to $D^* K^0$, $f_0 K^0$, and K^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
145	Search for $f(J)(2220)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
144	Observation of the rare decay $B^0 \rightarrow K_S^0 K^0 \pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
143	Observation of the decay $B^0 \rightarrow \bar{D}^+ p^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
142	Search for B-meson decays to b_1 and $b_1 K^*$. <i>Physical Review D</i> , 2009 , 80,	4.9	6

141	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> , 2010 , 623, 195-197	1.2	6
140	Inclusive production of neutral pions in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 451-461		6
139	Observation of $B_0 \rightarrow \bar{B}^0 K^0$ and evidence for $B^+ \rightarrow \bar{B}^0 K^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
138	Development of deep N-well monolithic active pixel sensors in a 0.13 μ m CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 277-280	1.2	6
137	Measurement of the CP asymmetry and branching fraction of $B_0 \rightarrow \rho^0 K_0$. <i>Physical Review Letters</i> , 2007 , 98, 051803	7.4	6
136	Search for the radiative decay $B_0 \rightarrow \gamma$. <i>Physical Review D</i> , 2005 , 72,	4.9	6
135	Measurement of the $B \rightarrow D^0 K^*$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
134	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> , 2002 , 485, 193-198	1.2	6
133	The BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 453, 78-83	1.2	6
132	Observation of monojet events and tentative interpretation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 334, 244-252	4.2	6
131	The Aleph silicon vertex detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1991 , 23, 291-296		6
130	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> , 1992 , 285, 309-318	4.2	6
129	. <i>IEEE Transactions on Nuclear Science</i> , 1992 , 39, 701-706	1.7	6
128	Measurement of the fraction of hadronic Z decays into charm quark pairs 1998 , 4, 557		6
127	Measurement of $\cos 2\beta$ in $B_0 \rightarrow D^{(*)} h_0$ with $D \rightarrow K S_0$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , 2018 , 98,	4.9	6
126	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> , 2015 , 796, 2-7	1.2	5
125	Bottomonium spectroscopy and radiative transitions involving the $\chi_{J(1P,2P)}$ states at BaBar. <i>Physical Review D</i> , 2014 , 90,	4.9	5
124	Branching fractions and CP-violating asymmetries in radiative B decays to \bar{K}^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	5

123	Evidence for $B \rightarrow K^* K^*$. <i>Physical Review D</i> , 2009 , 79,	4.9	5
122	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \pi K$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	5
121	Beam-test results of 4k pixel CMOS MAPS and high resistivity triplet 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> , 2010 , 617, 596-600	1.2	5
120	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> , 2010 , 617, 321-323	1.2	5
119	Search for the rare charmless hadronic decay $B \rightarrow a_0 \pi$. <i>Physical Review D</i> , 2008 , 77,	4.9	5
118	Measurement of CP asymmetries in $B_0 \rightarrow K_S K_S K_S$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	5
117	Measurements of B meson decays to K^* and π <i>Physical Review D</i> , 2005 , 71,	4.9	5
116	Search for the rare decays $B_0 \rightarrow D_s^* a_0(2)$ <i>Physical Review D</i> , 2006 , 73,	4.9	5
115	Search for the rare leptonic decay $B \rightarrow \mu^+ \nu(\mu)$. <i>Physical Review Letters</i> , 2004 , 92, 221803	7.4	5
114	Search for $B \rightarrow [K(-/+)\pi(+/-)](D)K+/-$ and upper limit on the $b \rightarrow u$ amplitude in $B \rightarrow DK+/-$. <i>Physical Review Letters</i> , 2004 , 93, 131804	7.4	5
113	Measurement of the branching fractions for $(D_S) \rightarrow e^+ e^-$ and $(D_S) \rightarrow \mu^+ \mu^-$ <i>Physical Review D</i> , 2001 , 65,	4.9	5
112	Study of $B \rightarrow J/\psi$ and $B \rightarrow J/\psi K$ decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries. <i>Physical Review D</i> , 2002 , 65,	4.9	5
111	The BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 435, 25-33	1.2	5
110	Development of silicon micropattern (pixel) detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 133-138 ^{1.2}		5
109	Search for $(B_s)^0$ oscillations using inclusive lepton events 1999 , 7, 553		5
108	Measurements of the Absolute Branching Fractions of $B^{\pm} \rightarrow K^{\pm} X_{cc}$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7.4	4
107	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> , 2016 , 824, 384-385	1.2	4
106	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> , 2013 , 718, 283-287	1.2	4

105	Evidence for the baryonic decay $B^0 \rightarrow D^0 \pi$. <i>Physical Review D</i> , 2014 , 89,	4.9	4
104	Search for B^+ meson decay to $a_1(1260)K^*(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
103	Observation of inclusive $D^* \pi$ production in the decay of $\Upsilon(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
102	Observation and polarization measurement of $B^0 \rightarrow a_1(1260) + a_1(1260) \pi$ decay. <i>Physical Review D</i> , 2009 , 80,	4.9	4
101	Observation of the baryonic B-decay $B^0 \rightarrow \bar{p} K^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
100	Search for the decay $B^0 \rightarrow \pi$. <i>Physical Review D</i> , 2011 , 83,	4.9	4
99	Measurement of the mass difference $m(B^0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
98	Search for $B^0 \rightarrow K^* + K^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
97	Search for the decays $B^0 \rightarrow e^+ e^- \pi$ and $B^0 \rightarrow \mu^+ \mu^- \pi$. <i>Physical Review D</i> , 2008 , 77,	4.9	4
96	Observation of $B(+) \rightarrow \rho \pi \pi K(+)$ and evidence for $B(0) \rightarrow \rho \pi \pi K(0)$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7.4	4
95	Search for $b \rightarrow u$ transitions in $B \rightarrow [K + \pi] DK$. <i>Physical Review D</i> , 2007 , 76,	4.9	4
94	Evidence for the Rare Decay $B^+ \rightarrow D_s + \pi$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
93	Search for the decay $B \rightarrow 3 \pi \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	4
92	Bound on the ratio of decay amplitudes for $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^*$. <i>Physical Review Letters</i> , 2004 , 93, 081801	7.4	4
91	Double-sided silicon strip detectors in Pisa. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 98-102	1.2	4
90	Beauty physics and double-sided Si microstrip detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1991 , 23, 297-306		4
89	Experience with the ALEPH silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 121-124 ^{1.2}		4
88	Measurement of the. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 387		4

87	Tests of CPT symmetry in B^0B^0 mixing and in $B^0 \rightarrow cc\bar{K}^0$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	4
86	First Evidence for $\cos 2\beta_0$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018 , 121, 261801	7.4	4
85	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> , 2013 , 718, 302-304	1.2	3
84	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> , 2013 , 718, 180-183 ^{1,2}		3
83	Evidence for the decay $B^0 \rightarrow \Lambda$ and search for $B^0 \rightarrow \bar{\Lambda}$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
82	Search for the decay $B^0 \rightarrow \bar{p} + p\bar{p}$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
81	Study of the decay $B^0 \rightarrow \bar{p} + p\bar{p}$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
80	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and \bar{K}^0 . <i>Physical Review D</i> , 2011 , 83,	4.9	3
79	Search for B meson decays to $D^+K^0K^0$, K^0K^0 , and \bar{K}^0K^0 . <i>Physical Review D</i> , 2009 , 80,	4.9	3
78	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^* + D^{*\bar{K}}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	3
77	Search for the decay modes $D^0 \rightarrow e^+e^-D^0 \rightarrow \mu\mu$ and $D^0 \rightarrow e\mu$. <i>Physical Review D</i> , 2012 , 86,	4.9	3
76	Measurement of the branching fraction and decay rate asymmetry of $B^0 \rightarrow D^0\bar{K}^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
75	Search for the decay $B^0 \rightarrow K^0K^0K^0L^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
74	Search for B meson decays to \bar{K}^0K . <i>Physical Review D</i> , 2006 , 74,	4.9	3
73	Performance and Aging Studies of BaBar Resistive Plate Chambers. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 158, 139-142		3
72	Measurement of the branching fraction for $B^0 \rightarrow D^0K^* \bar{K}$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
71	High-gain phototransistors on high-resistivity silicon substrate. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 569-570	1.2	3
70	Status and future plans of the BABAR Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 511, 1-5	1.2	3

69	Resistive plate chamber performance in the BaBar IFR system. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 888-893	1.7	3
68	Measurement And Tridimensional Simulation Of Silicon Pixel Detector Capacitance		3
67	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> , 1988 , 271, 449-454	1.2	3
66	Improved measurement of the B^0 and B^+ meson lifetimes 1996 , 71, 31		3
65	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^* + X$ and kaon tagging. <i>Physical Review D</i> , 2016 , 93,	4.9	2
64	Belle II silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 831, 80-84	1.2	2
63	Monolithic Pixel Sensors for Fast Silicon Vertex Trackers in a Quadruple Well CMOS Technology. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 2343-2351	1.7	2
62	Evidence for CP violation in $B^+ \rightarrow K^*(892) + \bar{0}$ from a Dalitz plot analysis of $B^+ \rightarrow KS^0 \bar{0}$ decays. <i>Physical Review D</i> , 2017 , 96,	4.9	2
61	Observation of the baryonic decay $B^0 \rightarrow \bar{p} + p + K^+ K^-$. <i>Physical Review D</i> , 2015 , 91,	4.9	2
60	Performance of a radon sensor based on a BJT detector on high-resistivity silicon 2012 ,		2
59	Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow c\bar{c} \rightarrow \bar{p} + p + X$. <i>Physical Review D</i> , 2010 , 82,	4.9	2
58	Search for $B^+ \rightarrow D + K^0$ and $B^+ \rightarrow D + K^{*0}$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	2
57	Observation of the baryonic B decay $B^0 \rightarrow \bar{p} + K^+$ <i>Physical Review D</i> , 2011 , 84,	4.9	2
56	Measurement of $B \rightarrow X \gamma$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2009 , 102, 161803	7.4	2
55	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. D PRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , 2011 , 84,	4.9	2
54	On-Chip Fast Data Sparsification for a Monolithic 4096-Pixel Device. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 1159-1162	1.7	2
53	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K^0$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , 2008 , 100,	7.4	2
52	Search for prompt production of \bar{p} and $X(3872)$ in e^+e^- annihilations. <i>Physical Review D</i> , 2007 , 76,	4.9	2

51	Vertex detector concept for a SuperB factory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 582, 811-813	1.2	2
50	Development of 130nm CMOS Monolithic Active Pixels with In-pixel Signal Processing 2006 ,		2
49	Status and prospects of the BaBar SVT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 560, 5-8	1.2	2
48	Performance, radiation damage, and future plans of the BABAR silicon vertex tracker. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 2298-2301	1.7	2
47	Measurement of $\sin^2\theta_{13}$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
46	The BaBar Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 162-167	1.2	2
45	Results on double-sided d.c.-coupled silicon strip detectors irradiated with photons up to 1 Mrad 1996 , 109, 1309-1318		2
44			2
43	Search for $B \rightarrow \mu \mu$ with the BaBar experiment. <i>Physical Review D</i> , 2019 , 100,	4.9	2
42	Study of $\psi(1S)$ radiative decays to $\mu\mu$ and $K+K$ <i>Physical Review D</i> , 2018 , 97,	4.9	2
41	PFM2: A 32 μm^2 readout chip for the PixFEL X-ray imager demonstrator 2016 ,		1
40	Effects of Substrate Thinning on the Properties of Quadruple Well CMOS MAPS. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 1039-1046	1.7	1
39	First results of the Belle II Silicon Vertex Detector readout system. <i>Journal of Instrumentation</i> , 2014 , 9, C12005-C12005	1	1
38	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> , 2013 , 731, 25-30	1.2	1
37	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> , 2013 , 732, 484-487	1.2	1
36	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> , 2013 , 718, 314-317	1.2	1
35	Measurement of the $D^{*}(2010)^{+}-D^{+}$ Mass Difference. <i>Physical Review Letters</i> , 2017 , 119, 202003	7.4	1
34	Search for new D -like particles produced in association with a dilepton pair. <i>Physical Review D</i> , 2014 , 90,	4.9	1

33	Search for $B \rightarrow \bar{c} + X$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
32	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> , 2011 , 628, 234-237	1.2	1
31	Transverse momentum correlations in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 421-432		1
30	Recent developments in 130 nm CMOS monolithic active pixel detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007 , 172, 20-24		1
29	BaBar silicon vertex tracker: Status and prospects. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 569, 1-4	1.2	1
28	Study of the radiation hardness of irradiated ATOM front-end chips of the BaBar silicon vertex tracker. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 584-588	1.7	1
27	CKM PARAMETERS AND RARE B DECAYS. <i>International Journal of Modern Physics A</i> , 2006 , 21, 1683-1696	1.2	1
26	Search for the rare decay $B \rightarrow D^* \mu^+ \mu^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	1
25	Lessons learned from BaBar silicon vertex tracker, limits, and future perspectives of the detector. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 787-792	1.7	1
24	A new approach to the design of monolithic active pixel detectors in 0.13 μm triple well CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 569, 61-64	1.2	1
23	Measurement of the average μ multiplicity in B meson decay. <i>Physical Review D</i> , 2004 , 69,	4.9	1
22	The BaBar Silicon Vertex Tracker: performance and radiation damage studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 530, 7-11	1.2	1
21	Measurement of the charge collection efficiency after heavy non-uniform irradiation in BABAR silicon detectors. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 1054-1060	1.7	1
20	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> , 2005 , 549, 11-15	1.2	1
19	Measurement of $D^+ s$ meson production in Z decays and of the B^0 lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 585-595		1
18			1
17	Search for lepton-flavor-violating decays $D_0 \rightarrow X_0 e^+ e^-$. <i>Physical Review D</i> , 2020 , 101,	4.9	1
16	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> , 2016 , 831, 301-308	1.2	1

15	Search for the decay mode $B_0 \rightarrow \text{ppp}$. <i>Physical Review D</i> , 2018 , 98,	4.9	1
14	First experimental results on active and slim-edge silicon sensors for XFEL. <i>Journal of Instrumentation</i> , 2016 , 11, C12018-C12018	1	0
13	Precise Measurement of the $D^{\{0\}}$ and $D^{\{+\}}$ Lifetimes at Belle II. <i>Physical Review Letters</i> , 2021 , 127, 211801	7.4	0
12	B-flavor tagging at Belle II. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
11	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> , 2016 , 824, 131-134	1.2	
10	CMOS MAPS in a Homogeneous 3D Process for Charged Particle Tracking. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 700-707	1.7	
9	Sensor performance of the BaBar Silicon Vertex Tracker after 4 years of data taking. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 286-289	1.2	
8	Recent results from the development of silicon detectors with integrated electronics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 354-356	1.2	
7	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> , 2002 , 485, 10-14	1.2	
6	Performance of the BABAR silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 501, 14-21	1.2	
5	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> , 2005 , 552, 224-231	1.2	
4	First-year experience with the BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 473, 7-16	1.2	
3	Results on double-sided a.c.-coupled silicon strip detectors 1996 , 109, 1319-1332		
2	Monolithic Active Pixel Sensors in a 130 nm Triple Well CMOS Technology 2007 , 349-352		
1	PFM2: a 32 B2 processor for X-ray diffraction imaging at FELs. <i>Journal of Instrumentation</i> , 2016 , 11, C11033-C11033	1	