

Raymond E Frey

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7344019/raymond-e-frey-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

844
papers

65,528
citations

103
h-index

231
g-index

859
ext. papers

74,685
ext. citations

5.8
avg, IF

4.82
L-index

#	Paper	IF	Citations
844	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021 , 909, 218	4.7	46
843	Environmental noise in advanced LIGO detectors. <i>Classical and Quantum Gravity</i> , 2021 , 38, 145001	3.3	15
842	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020 , 23, 3	32.5	144
841	Astrophysics with core-collapse supernova gravitational wave signals in the next generation of gravitational wave detectors. <i>Physical Review D</i> , 2019 , 99,	4.9	15
840	Improving astrophysical parameter estimation via offline noise subtraction for Advanced LIGO. <i>Physical Review D</i> , 2019 , 99,	4.9	58
839	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018 , 21, 3	32.5	543
838	Identification and mitigation of narrow spectral artifacts that degrade searches for persistent gravitational waves in the first two observing runs of Advanced LIGO. <i>Physical Review D</i> , 2018 , 97,	4.9	77
837	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA 2018 , 21, 1		2
836	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2017 , 34, 044001	3.3	454
835	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , 2017 , 95,	4.9	54
834	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017 , 34, 104002	3.3	74
833	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. <i>Physical Review D</i> , 2017 , 95,	4.9	60
832	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017 , 118, 121101	7.4	137
831	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017 , 118, 121102	7.4	65
830	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017 , 839, 12	4.7	107
829	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017 , 529, 1600209	2.6	45
828	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2017 , 119, 141101	7.4	1270

827	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , 2017 , 847, 47	4.7	35
826	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017 , 551, 85-88	50.4	413
825	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017 , 119, 161101	7.4	4272
824	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , 2017 , 848, L12	7.9	1935
823	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017 , 848, L13	7.9	1614
822	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2017 , 96,	4.9	64
821	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017 , 96,	4.9	54
820	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017 , 841, 89	4.7	42
819	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017 , 96,	4.9	32
818	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 851, L16	7.9	133
817	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 850, L39	7.9	127
816	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017 , 850, L35	7.9	104
815	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017 , 118, 221101	7.4	1609
814	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017 , 95,	4.9	14
813	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. <i>Physical Review D</i> , 2017 , 95,	4.9	47
812	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. <i>Physical Review D</i> , 2017 , 96,	4.9	39
811	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. <i>Physical Review D</i> , 2017 , 96,	4.9	54
810	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 850, L40	7.9	50

809	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017 , 851, L35	7.9	809
808	Exploring a search for long-duration transient gravitational waves associated with magnetar bursts. <i>Classical and Quantum Gravity</i> , 2017 , 34, 164002	3.3	3
807	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. <i>Physical Review D</i> , 2016 , 94,	4.9	28
806	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. <i>Physical Review D</i> , 2016 , 94,	4.9	43
805	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR-BLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. <i>Astrophysical Journal Letters</i> , 2016 , 832, L21	7.9	130
804	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. <i>Physical Review D</i> , 2016 , 94,	4.9	76
803	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016 , 93,	4.9	27
802	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , 2016 , 93,	4.9	14
801	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016 , 93,	4.9	29
800	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016 , 93,	4.9	253
799	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007-2013. <i>Physical Review D</i> , 2016 , 93,	4.9	10
798	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016 , 93,	4.9	80
797	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016 , 116, 131102	7.4	188
796	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016 , 116, 131103	7.4	328
795	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 8	8	38
794	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016 , 93,	4.9	94
793	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016 , 116, 221101	7.4	837
792	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016 , 116, 241102	7.4	515

791	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2016 , 116, 241103	7.4	2136
790	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016 , 6,	9.1	723
789	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 818, L22	7.9	512
788	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016 , 116, 061102	7.4	6108
787	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016 , 33,	3.3	155
786	SUPPLEMENT: THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914 (2016, ApJL, 833, L1). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 227, 14	8	52
785	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016 , 19, 1	32.5	393
784	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016 , 6,	9.1	89
783	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. <i>Physical Review D</i> , 2016 , 94,	4.9	29
782	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 833, L1	7.9	209
781			
780	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. <i>Physical Review D</i> , 2015 , 91,	4.9	26
779	Study of $B \rightarrow J/\psi + K \bar{K}^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , 2015 , 91,	4.9	27
778	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015 , 91,	4.9	38
777	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , 2015 , 32, 115012	3.3	790
776	Advanced LIGO. <i>Classical and Quantum Gravity</i> , 2015 , 32, 074001	3.3	1098
775	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015 , 813, 39	4.7	58
774	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , 2015 , 91,	4.9	32

773	Implementation of an F -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. <i>Classical and Quantum Gravity</i> , 2014 , 31, 165014	3-3	27
772	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014 , 785, 119	4-7	109
771	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. <i>Classical and Quantum Gravity</i> , 2014 , 31, 085014	3-3	18
770	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2014 , 31, 115004	3-3	34
769	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005-2010. <i>Physical Review D</i> , 2014 , 89,	4-9	26
768	Search for gravitational waves associated with Γ -ray bursts detected by the interplanetary network. <i>Physical Review Letters</i> , 2014 , 113, 011102	7-4	30
767	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. <i>Physical Review D</i> , 2014 , 89,	4-9	32
766	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , 2014 , 89,	4-9	25
765	Search for lepton-number violating $B \rightarrow X \mu \mu$ decays. <i>Physical Review D</i> , 2014 , 89,	4-9	22
764	Multivariate regression analysis of gravitational waves from rotating core collapse. <i>Physical Review D</i> , 2014 , 90,	4-9	13
763	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4-2	233
762	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2014 , 211, 7	8	51
761	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014 , 90,	4-9	54
760	Measurements of direct CP asymmetries in $B \rightarrow X s \mu$ decays using sum of exclusive decays. <i>Physical Review D</i> , 2014 , 90,	4-9	9
759	Evidence for the decay $B_0 \rightarrow \mu \mu$ and search for $B_0 \rightarrow \mu \mu$. <i>Physical Review D</i> , 2014 , 89,	4-9	3
758	Constraints on cosmic strings from the LIGO-Virgo gravitational-wave detectors. <i>Physical Review Letters</i> , 2014 , 112, 131101	7-4	59
757	Improved upper limits on the stochastic gravitational-wave background from 2009-2010 LIGO and Virgo data. <i>Physical Review Letters</i> , 2014 , 113, 231101	7-4	74
756	Search for the decay $B_0 \rightarrow \mu \mu \mu \mu$. <i>Physical Review D</i> , 2014 , 89,	4-9	3

755	Measurement of Collins asymmetries in inclusive production of charged pion pairs in $e+e\bar{e}$ annihilation at BABAR. <i>Physical Review D</i> , 2014 , 90,	4.9	58
754	Measurement of the $B\rightarrow X_s\mu\bar{\mu}$ Branching Fraction and Search for Direct CP Violation from a Sum of Exclusive Final States. <i>Physical Review Letters</i> , 2014 , 112,	7.4	66
753	Evidence for the baryonic decay $B\bar{D}\rightarrow D\bar{D}\pi$. <i>Physical Review D</i> , 2014 , 89,	4.9	4
752	Study of the reaction $e+e\bar{e}\rightarrow(2S)\mu\bar{\mu}$ via initial-state radiation at BaBar. <i>Physical Review D</i> , 2014 , 89,	4.9	59
751	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014 , 90,	4.9	25
750	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 729, 615-701	1.2	125
749	Time-integrated luminosity recorded by the BABAR detector at the PEP-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 726, 203-213	1.2	86
748	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009-2010. <i>Physical Review D</i> , 2013 , 87,	4.9	91
747	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , 2013 , 88,	4.9	30
746	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. <i>Nature Photonics</i> , 2013 , 7, 613-619	33.9	572
745	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 008-008	6.4	29
744	Branching fraction measurement of $B\rightarrow\mu\bar{\mu}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
743	Search for direct CP violation in singly Cabibbo-suppressed $D\bar{D}\rightarrow K+K\bar{D}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	7
742	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
741	Study of $e+e\bar{e}\rightarrow\mu\bar{\mu}\pi$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
740	Measurement of the $D^*(2010)^+$ natural linewidth and the $D^*(2010)^+D\bar{D}$ mass difference. <i>Physical Review D</i> , 2013 , 88,	4.9	14
739	Search for $B\rightarrow K^*(*)\pi$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
738	Search for CP violation in $B\bar{D}\rightarrow D^*-X\bar{D}$ and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19

737	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
736	Measurement of an excess of $B^- \rightarrow D^{(*)} \pi^- \pi^0$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	34 ^o
735	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
734	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013 , 87,	4.9	84
733	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
732	Search for CP violation in the decays $D_{s1}^- \rightarrow KS_0 K^0$, $D_s^- \rightarrow KS_0 K^0$, and $D_s^- \rightarrow KS_0 \pi^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	9
731	Measurement of the $e^+e^- \rightarrow pp^0$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
730	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
729	Measurement of the $B^+ \rightarrow \pi^0 \pi^0$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
728	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
727	Measurement of the mass of the D_0 meson. <i>Physical Review D</i> , 2013 , 88,	4.9	7
726	Search for a light Higgs boson decaying to two gluons or ss^0 in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
725	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , 2013 , 88,	4.9	122
724	Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , 2013 , 88,	4.9	57
723	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B_{cb}^- \rightarrow D^{(*)} K^{(*)} \pi^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
722	Study of the decay $B_{cb}^0 \rightarrow \pi^+ p \pi^0$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
721	Search for the rare decays $B^- \rightarrow \pi^0 \pi^-$ and $B_0 \rightarrow \pi^0 \pi^0$ <i>Physical Review D</i> , 2013 , 88,	4.9	8
720	Measurement of $D_0 D_0^0$ mixing and CP violation in two-body D_0 decays. <i>Physical Review D</i> , 2013 , 87,	4.9	27

719	Evidence of $B^+ \rightarrow \mu^+ \nu_\mu$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
718	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
717	IMPLICATIONS FOR THE ORIGIN OF GRB 051103 FROM LIGO OBSERVATIONS. <i>Astrophysical Journal</i> , 2012 , 755, 2	4.7	53
716	Observation of time-reversal violation in the B^0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	4.4	96
715	Search for $B^0 \rightarrow \mu^+ X^0$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
714	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012 , 85,	4.9	96
713	Measurement of the semileptonic branching fraction of the B_s meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11
712	Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , 2012 , 85,	4.9	46
711	Search for CP violation in the decay $B \rightarrow K_s^0(\pi^0)\pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	24
710	Observation and study of the baryonic B-meson decays $B \rightarrow D^*(*)pp$. <i>Physical Review D</i> , 2012 , 85,	4.9	17
709	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. <i>Physical Review D</i> , 2012 , 85,	4.9	40
708	Search for gravitational waves from low mass compact binary coalescence in LIGO’s sixth science run and Virgo’s science runs 2 and 3. <i>Physical Review D</i> , 2012 , 85,	4.9	172
707	B^0 meson decays to D^*K^0 , f_0K^0 , and K^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
706	All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , 2012 , 85,	4.9	61
705	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
704	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^+K^0$ and $B^+ \rightarrow \pi^+K^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42
703	Measurement of $B(B \rightarrow Xs\gamma)$, the $B \rightarrow Xs\gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow Xs+d$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	34
702	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 203, 28	8	57

701	The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , 2012 , 29, 155002	3-3	59
700	Precise measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4-9	110
699	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^{(*)} \mu^+\mu^-$. <i>Physical Review D</i> , 2012 , 86,	4-9	82
698	Study of high-multiplicity three-prong and five-prong τ decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4-9	17
697	Cross sections for the reactions $e^+e^- \rightarrow K^+K^-\mu^+\mu^-$, $K^+K^-\mu^+K^0$, and $K^+K^-\mu^+K^0$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4-9	41
696	Study of $X(3915) \rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4-9	52
695	Search for the decay modes $B \rightarrow h^0 \mu^+\mu^-$. <i>Physical Review D</i> , 2012 , 86,	4-9	21
694	Exclusive measurements of $b \rightarrow s \gamma$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4-9	40
693	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
692	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^*+D^{*0}$ decays. <i>Physical Review D</i> , 2012 , 86,	4-9	3
691	Initial-state radiation measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section. <i>Physical Review D</i> , 2012 , 85,	4-9	19
690	Study of the baryonic B decay $B \rightarrow \bar{p}^+ + p^0$. <i>Physical Review D</i> , 2012 , 86,	4-9	14
689	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7-4	52
688	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
687	Search for lepton-number violating processes in $B^+ \rightarrow h^0 \mu^+ \mu^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4-9	24
686	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
685	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
684	Evidence for an excess of $B \rightarrow D^{*0} \mu^+\mu^-$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7-4	456

683	Study of the reaction $e^+e^- \rightarrow J/\psi \gamma$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
682	Branching fraction of $B \rightarrow K_s^0 K^0$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
681	Improved limits on B^0 decays to invisible (γ) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
680	Search for resonances decaying to $\gamma\gamma$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
679	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
678	Search for the decay $D^0 \rightarrow \gamma$ and measurement of the branching fraction for $D^0 \rightarrow \gamma\gamma$. <i>Physical Review D</i> , 2012 , 85,	4.9	19
677	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012 , 541, A155	5.1	69
676	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. <i>Astrophysical Journal</i> , 2012 , 760, 12	4.7	94
675	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012 , 539, A124	5.1	71
674	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , 2011 , 734, L35	7.9	47
673	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. <i>Astrophysical Journal</i> , 2011 , 737, 93	4.7	75
672	Amplitude analysis of $B^0 \rightarrow K^+ D^-$ and evidence of direct CP violation in $B \rightarrow K^* \gamma$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	21
671	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow DK^{*+}$ and $B \rightarrow f_0(980)K^{*+}$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	7
670	Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar. <i>Physical Review D</i> , 2011 , 83,	4.9	40
669	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4.9	12
668	Search for $b \rightarrow u$ transitions in $B \rightarrow [K^* \pi] DK$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
667	Search for CP violation in the decay $D \rightarrow KS^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	19
666	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4.9	33

665	Studies of $B \rightarrow K^0$ and $B \rightarrow \pi^0$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , 2011 , 83,	4.9	27
664	Searches for the baryon- and lepton-number violating decays $B^0 \rightarrow \bar{p} + \ell^+ B^0$ and $B^0 \rightarrow \bar{p} + \ell^+ \pi^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	13
663	Observation of $B(1S)$ and $B(2S)$ decays to $K + K^0$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17
662	Observation of the baryonic B decay $B^0 \rightarrow \bar{p} + K^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	2
661	Observation of the rare decay $B^+ \rightarrow K^+ \pi^0$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \pi^0$, $B^+ \rightarrow f_0(980) K^+$, and $B^+ \rightarrow \bar{D}^0 K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
660	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and π^+ . <i>Physical Review D</i> , 2011 , 83,	4.9	3
659	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
658	Search for gravitational waves from binary black hole inspiral, merger, and ringdown. <i>Physical Review D</i> , 2011 , 83,	4.9	77
657	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
656	Evidence for the $hb(1P)$ meson in the decay $\Upsilon(3S) \rightarrow \pi^0 hb(1P)$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
655	Study of $B \rightarrow \pi^0$ and $B \rightarrow \pi^+ \pi^-$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76
654	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
653	Measurement of the $B \rightarrow D^0(*) D^0(*) K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20
652	Branching fraction measurements of the color-suppressed decays B^0 to $D^0(*) \pi^0$, $D^0(*) \pi^+ \pi^- D^0(*) \pi^0$ and $D^0(*) \pi^0$ 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
651	Analysis of the $D^+ \rightarrow K^0 e^+ \pi^0$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25
650	Study of $\Upsilon(3S, 2S) \rightarrow \Upsilon(1S)$ and $\Upsilon(3S, 2S) \rightarrow \pi^0 \Upsilon(1S)$ hadronic transitions. <i>Physical Review D</i> , 2011 , 84,	4.9	12
649	Measurement of the $B \rightarrow \pi^0$ and $B \rightarrow \pi^+ \pi^-$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
648	Search for the decay $B^0 \rightarrow \pi^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	4

647	Dalitz plot analysis of $D_{s^+} \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	30
646	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ \pi^0$ branching fractions, the $B^0 \rightarrow \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ \pi^0$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29
645	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \pi^+ \pi^- K$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	5
644	Search for hadronic decays of a light Higgs boson in the radiative decay $H \rightarrow \gamma \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41
643	Search for CP violation using T-odd correlations in $D^+ \rightarrow K^+ K_S^0 \pi^0$ and $D_{s^+} \rightarrow K^+ K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	12
642	Observation of the decay $B^- \rightarrow D(s)^{(*)+} K^- \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 041804	7.4	7
641	Directional limits on persistent gravitational waves using LIGO S5 science data. <i>Physical Review Letters</i> , 2011 , 107, 271102	7.4	85
640	Test of lepton universality in $\tau(1S)$ decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19
639	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
638	Evidence for direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B^+ \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801	7.4	42
637	Search for charged lepton flavor violation in narrow upsilon decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7.4	14
636	Measurement of D^0 - \bar{D}^0 mixing parameters using $D^0 \rightarrow K(S)^0 \pi^0$ and $D^0 \rightarrow K(S)^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , 2010 , 105, 081803	7.4	70
635	Search for $f(J)(2220)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
634	Measurement of CP observables in $B \rightarrow DCPK$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2010 , 82,	4.9	26
633	Exclusive production of $D_s^+ D_s^-$, $D_s^{*+} D_s^-$ and $D_s^{*+} D_s^{*-}$ via $e^+ e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , 2010 , 82,	4.9	21
632	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- \tau(e) \pi^+ \pi^0 \pi^0$ and $K^- \tau \pi^0$. <i>Physical Review Letters</i> , 2010 , 105, 051602	7.4	38
631	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D l^- \nu(l)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2010 , 104, 011802	7.4	57
630	Searches for Lepton flavor violation in the decays $\tau_{\{+/-\}} \rightarrow e_{\{+/-\}} \gamma$ and $\tau_{\{+/-\}} \rightarrow \mu_{\{+/-\}} \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328

629	Measurement of the $B \rightarrow D$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35
628	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
627	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , 2010 , 713, 671-685	4.7	140
626	Searching for prompt signatures of nearby core-collapse supernovae by a joint analysis of neutrino and gravitational wave data. <i>Classical and Quantum Gravity</i> , 2010 , 27, 084019	3.3	27
625	Observation of the $(13D_J)$ bottomonium state through decays to $\pi(1S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28
624	Search for the rare decay $B \rightarrow K \pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	20
623	Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow c\bar{c} \rightarrow \bar{b} + \bar{c} X$. <i>Physical Review D</i> , 2010 , 82,	4.9	2
622	Search for B^+ meson decay to $a_1(1260)K^*(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
621	Evidence for the decay $X(3872) \rightarrow J/\psi \pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	119
620	Search for $B^+ \rightarrow D^+ K^0$ and $B^+ \rightarrow D^+ K^{*0}$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	2
619	Search for $B^+ \rightarrow \pi^+ \pi^0$ recoiling against $B \rightarrow D^0 \pi$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
618	B-meson decays to $\pi^+ \pi^0$, and $\pi^+ K^*$. <i>Physical Review D</i> , 2010 , 82,	4.9	9
617	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. <i>Physical Review D</i> , 2010 , 82,	4.9	100
616	Observation of the rare decay $B_0 \rightarrow K_S^0 K^0 \pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
615	Observation of inclusive $D^* \pi$ production in the decay of $\psi(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
614	Measurement of the absolute branching fractions for $D_s \rightarrow \pi \pi$ and extraction of the decay constant f_{D_s} . <i>Physical Review D</i> , 2010 , 82,	4.9	24
613	Limits on lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42
612	Observation of new resonances decaying to D^+ and D^{*+} in inclusive e^+e^- collisions near $s=10.58$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	111

611	Observation of the decay $B^0 \rightarrow \bar{b} + p^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
610	Study of $B \rightarrow X^0$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
609	Observation of the $\bar{D}_2(2P)$ meson in the reaction $\bar{B} \rightarrow D D^0$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
608	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , 2010 , 81,	4.9	81
607	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^0$ decays. <i>Physical Review D</i> , 2010 , 81,	4.9	21
606	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. <i>Classical and Quantum Gravity</i> , 2010 , 27, 173001	3.3	869
605	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , 2010 , 715, 1453-1461	4.7	79
604	Measurement and interpretation of moments in inclusive semileptonic decays $B^0 \rightarrow X c^0$. <i>Physical Review D</i> , 2010 , 81,	4.9	22
603	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. <i>Astrophysical Journal</i> , 2010 , 715, 1438-1452	4.7	54
602	FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. <i>Astrophysical Journal</i> , 2010 , 722, 1504-1513	4.7	95
601	Calibration of the LIGO gravitational wave detectors in the fifth science run. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 624, 223-240	1.2	108
600	Precise measurement of the $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$ cross section with the initial state radiation method at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 231801	7.4	163
599	All-sky LIGO search for periodic gravitational waves in the early fifth-science-run data. <i>Physical Review Letters</i> , 2009 , 102, 111102	7.4	77
598	Search for dimuon decays of a light scalar boson in radiative transitions $Upsilon \rightarrow \gamma A^0$. <i>Physical Review Letters</i> , 2009 , 103, 081803	7.4	139
597	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26
596	Search for second-class currents in $\tau_{\mu} \rightarrow \omega \pi_{\mu} \nu_{\tau}$. <i>Physical Review Letters</i> , 2009 , 103, 041802	7.4	9
595	Measurements of the semileptonic decays $B^0 \rightarrow D^0$ and $B^0 \rightarrow D^{*0}$ using a global fit to $D X^0$ final states. <i>Physical Review D</i> , 2009 , 79,	4.9	43
594	Measurement of the $\bar{B} \rightarrow \bar{D}$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246

593	Measurements of the m_B mass and the mass difference of the B^0 and B^0_s at BABAR. <i>Physical Review D</i> , 2009 , 80,	4.9	26
592	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} + D^{(*)} \pi$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	14
591	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
590	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
589	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
588	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
587	Evidence for the $\eta(b)(1S)$ meson in radiative $Upsilon(2S)$ decay. <i>Physical Review Letters</i> , 2009 , 103, 161801	7.4	67
586	Search for invisible decays of the $Upsilon(1S)$. <i>Physical Review Letters</i> , 2009 , 103, 251801	7.4	35
585	Evidence for $X(3872) \rightarrow \psi(2S)\gamma$ in $B^{+/-} \rightarrow X(3872)K^{+/-}$ decays and a study of $B \rightarrow cc[\overline{c}]\gamma K$. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
584	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
583	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K^{(*)}l^+l^-$. <i>Physical Review Letters</i> , 2009 , 102, 091803	7.4	58
582	Dalitz plot analysis of $B^0 \rightarrow \pi^0\pi^0\pi^0$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
581	Measurement of D^0 - \overline{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
580	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
579	Estimating detection rates for the LIGO/Virgo search for gravitational-wave burst counterparts to gamma-ray bursts using inferred local GRB rates. <i>Classical and Quantum Gravity</i> , 2009 , 26, 204017	3.3	8
578	Observation of a kilogram-scale oscillator near its quantum ground state. <i>New Journal of Physics</i> , 2009 , 11, 073032	2.9	93
577	An upper limit on the stochastic gravitational-wave background of cosmological origin. <i>Nature</i> , 2009 , 460, 990-4	50.4	267
576	Model-independent search for the decay $B^+ \rightarrow l^+ \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	14

575	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
574	Einstein@Home search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2009 , 79,	4.9	77
573	Dalitz plot analysis of $B \rightarrow D + \pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	41
572	Observation of B meson decays to K^* and improved measurements for B and B_0 . <i>Physical Review D</i> , 2009 , 79,	4.9	14
571	Search for gravitational-wave bursts in the first year of the fifth LIGO science run. <i>Physical Review D</i> , 2009 , 80,	4.9	71
570	LIGO: the Laser Interferometer Gravitational-Wave Observatory. <i>Reports on Progress in Physics</i> , 2009 , 72, 076901	14.4	822
569	Branching fractions and CP-violating asymmetries in radiative B decays to $K \pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	5
568	Constraints on the CKM angle γ in $B_0 \rightarrow D \pi K^0$ and $B_0 \rightarrow D_0 K^0$ from a Dalitz analysis of D_0 and $D \pi$ decays to $K S \pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	10
567	Observation of the baryonic B-decay $B_0 \rightarrow \bar{p} + p \pi K$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
566	Einstein@Home search for periodic gravitational waves in early S5 LIGO data. <i>Physical Review D</i> , 2009 , 80,	4.9	73
565	Search for B_0 meson decays to $D K S_0 K S_0$, $K S_0 K S_0$, and $\bar{K} S_0 K S_0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3
564	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+ \pi^-$ branching fractions. <i>Physical Review D</i> , 2009 , 79,	4.9	9
563	Search for the decay $B^+ \rightarrow K S_0 K S_0 \pi$. <i>Physical Review D</i> , 2009 , 79,	4.9	12
562	Measurement of the semileptonic decays $B \rightarrow D \pi$ and $B \rightarrow D^* \pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	18
561	Time-dependent amplitude analysis of $B_0 \rightarrow K S_0 \pi$ <i>Physical Review D</i> , 2009 , 80,	4.9	37
560	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$ <i>Physical Review D</i> , 2009 , 79,	4.9	63
559	Search for Lepton Flavor Violating Decays $B \rightarrow K S_0$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9
558	First LIGO search for gravitational wave bursts from cosmic (super)strings. <i>Physical Review D</i> , 2009 , 80,	4.9	43

557	Search for gravitational waves from low mass compact binary coalescence in 186 days of LIGO fifth science run. <i>Physical Review D</i> , 2009 , 80,	4.9	100
556	Evidence for $B \rightarrow K^* K^*$. <i>Physical Review D</i> , 2009 , 79,	4.9	5
555	Search for $b \rightarrow u$ transitions in $B_0 \rightarrow D_0 K^*$ decays. <i>Physical Review D</i> , 2009 , 80,	4.9	14
554	B meson decays to charmless meson pairs containing $\bar{b}r$ mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
553	Measurement of $D_0 D^0$ mixing using the ratio of lifetimes for the decays $D_0 \rightarrow K^* K^*$ and $K^* K^*$ <i>Physical Review D</i> , 2009 , 80,	4.9	30
552	Dalitz plot analysis of $D_s^+ \rightarrow \bar{u}u$. <i>Physical Review D</i> , 2009 , 79,	4.9	31
551	Search for B-meson decays to b_1 and $b_1 K^*$. <i>Physical Review D</i> , 2009 , 80,	4.9	6
550	Search for gravitational waves from low mass binary coalescences in the first year of LIGO S5 data. <i>Physical Review D</i> , 2009 , 79,	4.9	115
549	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
548	Search for the rare leptonic decays $B^+ \rightarrow l^+ \pi^0 (l=e, \mu)$ <i>Physical Review D</i> , 2009 , 79,	4.9	14
547	Measurement of the branching fraction and π polarization in $B_0 \rightarrow \pi^+ \pi^-$ <i>Physical Review D</i> , 2009 , 79,	4.9	11
546	Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. <i>Physical Review D</i> , 2009 , 80,	4.9	36
545	Measurement of time-dependent CP asymmetry in $B_0 \rightarrow c\bar{c} K^*$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
544	Measurement of time dependent CP asymmetry parameters in B_0 meson decays to $\bar{K}S_0$, $\bar{K}K_0$, and $\bar{D}KS_0$. <i>Physical Review D</i> , 2009 , 79,	4.9	24
543	Search for high frequency gravitational-wave bursts in the first calendar year of LIGO fifth science run. <i>Physical Review D</i> , 2009 , 80,	4.9	31
542	Exclusive initial-state-radiation production of the $D\bar{D}$, D^*D , and D^*D^* systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
541	Study of $D_s J$ decays to $D^* K$ in inclusive e^+e^- interactions. <i>Physical Review D</i> , 2009 , 80,	4.9	86
540	Measurement of CP violation observables and parameters for the decays $B_H^+ \rightarrow DK^*$. <i>Physical Review D</i> , 2009 , 80,	4.9	8

539	STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. <i>Astrophysical Journal</i> , 2009 , 701, L68-L74	4.7	40
538	Observation of the bottomonium ground state in the decay $Upsilon(3S) \rightarrow \gamma \eta_{c1}$. <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
537	Measurement of the branching fractions of the rare decays $B_0 \rightarrow D_s^{(*)} \pi^0$ and $B_0 \rightarrow D_s^{(*)} \eta$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
536	Measurement of the mass difference $m(B_0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
535	Study of hadronic transitions between χ states and observation of $\chi(4S) \rightarrow \chi(1S)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25
534	Search for $B \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	11
533	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^* K_0^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	7
532	Dalitz plot analysis of the decay $B_0(B^0) \rightarrow K^* \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
531	Observation of $B_0 \rightarrow \eta K^* 0$ and evidence for $B^+ \rightarrow \eta K^* +$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
530	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^* \pi^0$, $K^* \pi^+$, and π^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	36
529	Search for gravitational waves associated with 39 gamma-ray bursts using data from the second, third, and fourth LIGO runs. <i>Physical Review D</i> , 2008 , 77,	4.9	55
528	Search for $B^+ \rightarrow \eta \pi^0$ decays with hadronic B tags. <i>Physical Review D</i> , 2008 , 77,	4.9	62
527	Measurement of time-dependent CP asymmetry in $B_0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
526	Search for the rare charmless hadronic decay $B^+ \rightarrow a_0^+ \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	5
525	Measurement of the CP-violating asymmetries in $B_0 \rightarrow K_S^0 \pi^0$ and of the branching fraction $B_0 \rightarrow K_0^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	9
524	Study of $B \rightarrow X(3872) K$, with $X(3872) \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	75
523	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
522	Improved measurement of the CKM angle β in $B^0 \rightarrow D^{(*)} K^{(*)} \pi^0$ decays with a Dalitz plot analysis of D decays to $K_S^0 \pi^0$ and $K_S^0 K^+ K^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	63

521	Study of $B^0 \rightarrow \rho^0 \pi^0$ and $B^0 \rightarrow \rho^0 \pi^+ \pi^-$ decays at BABAR. <i>Physical Review D</i> , 2008 , 77,	4.9	32
520	Study of the decay $D_{s^+} \rightarrow K^+ K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
519	Improved measurement of CP observables in $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	10
518	Observation of $e^+e^- \rightarrow \mu^+\mu^-$ near $s=10.58$ GeV. <i>Physical Review D</i> , 2008 , 78,	4.9	10
517	Measurement of the $B \rightarrow X_s \gamma$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , 2008 , 77,	4.9	55
516	Study of resonances in exclusive B decays to $D^0(*)D^0(*)K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
515	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \pi^0$ and $K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
514	All-sky search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2008 , 77,	4.9	98
513	Searches for the decays $B^0 \rightarrow \rho^0 \pi^0$ and $B^+ \rightarrow \rho^+ \pi^0$ using hadronic tag reconstruction. <i>Physical Review D</i> , 2008 , 77,	4.9	20
512	Measurements of branching fractions for $B^+ \rightarrow \rho^+ \pi^0$ and $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
511	Search for $B^0 \rightarrow K^+ K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
510	Observation of $B^+ \rightarrow b_1^+ K^0$ and search for B-meson decays to $b_1^0 K^0$ and $b_1^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
509	Search of S3 LIGO data for gravitational wave signals from spinning black hole and neutron star binary inspirals. <i>Physical Review D</i> , 2008 , 78,	4.9	51
508	Measurement of the $B \rightarrow \rho^0 \pi^0$ branching fraction and a search for a second-class current in the $B \rightarrow \rho^0(958) \pi^0$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24
507	Search for the decays $B^0 \rightarrow e^+e^- \pi^0$ and $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	4
506	Determination of the form factors for the decay $B^0 \rightarrow D^* \pi^0$ and of the CKM matrix element $ V_{cb} $. <i>Physical Review D</i> , 2008 , 77,	4.9	43
505	Measurements of $e^+e^- \rightarrow K^+K^0 \pi^0$ and $K_S^0 K^0 \pi^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , 2008 , 77,	4.9	127
504	Measurement of the branching fraction, polarization, and CP asymmetries in $B^0 \rightarrow \rho^0 \pi^0$ decay, and implications for the CKM angle ϕ_1 . <i>Physical Review D</i> , 2008 , 78,	4.9	24

503	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^*0 \gamma$ and $D^0 \rightarrow \eta \gamma$. <i>Physical Review D</i> , 2008 , 78,	4.9	11
502	Study of B-meson decays to $B^0 K^*$, $B(2S)K^*$, and $B^0 K^*$. <i>Physical Review D</i> , 2008 , 78,	4.9	19
501	Search for the highly suppressed decays $B^0 \rightarrow K^+ \pi^-$ and $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	12
500	Observation of $B^+ \rightarrow \pi^0 \pi^+$ and search for B^0 decays to $\pi^0 \pi^0$, $\pi^0 \pi^+$, and $\pi^0 \pi^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
499	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008 , 25, 114051	3.3	24
498	First joint search for gravitational-wave bursts in LIGO and GEO 600 data. <i>Classical and Quantum Gravity</i> , 2008 , 25, 245008	3.3	19
497	A joint search for gravitational wave bursts with AURIGA and LIGO. <i>Classical and Quantum Gravity</i> , 2008 , 25, 095004	3.3	15
496	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi \pi^0 \nu$, and into $\phi K^0 \nu$. <i>Physical Review Letters</i> , 2008 , 100, 011801	7.4	55
495	Measurement of the decay $B^0 \rightarrow D^* e^+ \nu_e$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15
494	Observation of the semileptonic decays $B^0 \rightarrow D^* \tau^- \nu_\tau$ and evidence for $B^0 \rightarrow D \tau^- \nu_\tau$. <i>Physical Review Letters</i> , 2008 , 100, 021801	7.4	79
493	Study of excited charm-strange baryons with evidence for new baryons $\Lambda_c(3055)^+$ and $\Lambda_c(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
492	Measurements of partial branching fractions for $B^0 \rightarrow X \ell \nu$ and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2008 , 100, 171802	7.4	15
491	Measurement of the absolute branching fraction of $D^0 \rightarrow K^+ \pi^-$. <i>Physical Review Letters</i> , 2008 , 100, 051802	7.4	8
490	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
489	Observation of $B^+ \rightarrow a_1^+(1260) K^0$ and $B^0 \rightarrow a_1^-(1260) K^+$. <i>Physical Review Letters</i> , 2008 , 100, 051803	7.4	15
488	Search for gravitational waves from binary inspirals in S3 and S4 LIGO data. <i>Physical Review D</i> , 2008 , 77,	4.9	117
487	Measurement of the spin of the $\chi(1530)$ resonance. <i>Physical Review D</i> , 2008 , 78,	4.9	13
486	Measurement of ratios of branching fractions and CP-violating asymmetries of $B^0 \rightarrow D^* K^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	7

485	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
484	Measurement of the branching fractions of exclusive $B \rightarrow D^{(*)}(\pi) l \nu_l$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 100, 151802	7.4	20
483	Search for gravitational-wave bursts from soft gamma repeaters. <i>Physical Review Letters</i> , 2008 , 101, 211102	7.4	64
482	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
481	Measurements of $B(B^0 \rightarrow \bar{D}^+ p)$ and $B(B^0 \rightarrow \bar{D}^+ p)$ and studies of \bar{D}^+ resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47
480	Observation and polarization measurements of $B^+ \rightarrow \pi^0 K^+ K^0$ and $B^+ \rightarrow \pi^0 K^+ K^0$. <i>Physical Review Letters</i> , 2008 , 101, 161801	7.4	21
479	Searches for B meson decays to $\pi^0 \pi^0$, $\pi^0 \rho^0$, $\pi^0 f_0(980)$, and $f_0(980) f_0(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8
478	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
477	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
476	Observation of $B_s^0 \rightarrow K^{*0} K^0$ and Search for $B_s^0 \rightarrow K^{*0} K^0$. <i>Physical Review Letters</i> , 2008 , 100, 081801	7.4	21
475	Observation of $Y(3940) \rightarrow J/\psi \omega$ in $B \rightarrow J/\psi \omega K$ at BABAR. <i>Physical Review Letters</i> , 2008 , 101, 082001	7.4	111
474	Measurements of $B \rightarrow \{\pi, \eta, \eta'\} l \nu_l$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22
473	Measurement of the branching fractions of $B \rightarrow D^{**}(\pi) \nu(\pi)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 101, 261802	7.4	28
472	Search for CPT and lorentz violation in B^0 - B^0 oscillations with dilepton events. <i>Physical Review Letters</i> , 2008 , 100, 131802	7.4	45
471	Search for lepton flavor violating decays $\tau^+ \rightarrow \mu^+ \omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15
470	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
469	Implications for the Origin of GRB 070201 from LIGO Observations. <i>Astrophysical Journal</i> , 2008 , 681, 1419-1430	4.7	126
468	Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. <i>Astrophysical Journal</i> , 2008 , 683, L45-L49	4.7	148

467	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$, $(2S)K^*$, and $\psi(1K^*)$ with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	33
466	Observation of $B^+ \rightarrow \mu^+ K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4.9	7
465	Study of $B^0 \rightarrow \pi^0 \pi^0$, $B^+ \rightarrow \pi^+ \pi^0$, and $B^+ \rightarrow K^+ \pi^0$ decays, and isospin analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
464	Study of the exclusive initial-state-radiation production of the DD^* system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
463	Inclusive \bar{D}^+ production in e^+e^- annihilations at $\sqrt{s}=10.54$ GeV and in $\psi(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
462	Measurement of the $B \rightarrow K^0 \pi^0$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
461	Search for prompt production of \bar{D} and $X(3872)$ in e^+e^- annihilations. <i>Physical Review D</i> , 2007 , 76,	4.9	2
460	Search for the decay $B^+ \rightarrow K^+ \pi^0(892) K^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	9
459	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
458	Search for neutral B-meson decays to $a_0 \pi^0 a_0 K$, π , and \bar{B}_0 . <i>Physical Review D</i> , 2007 , 75,	4.9	10
457	Measurement of CP asymmetry in $B^0 \rightarrow K_S^0 \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10
456	Search for $D^0 D^0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , 2007 , 76,	4.9	28
455	Search for the reactions $e^+e^- \rightarrow \mu^+ \mu^-$ and $e^+e^- \rightarrow e^+ \pi^-$ <i>Physical Review D</i> , 2007 , 75,	4.9	8
454	Measurements of the branching fractions of $B^0 \rightarrow K^* K^+ K^-$, $B^0 \rightarrow K^* K^0 K^+$, $B^0 \rightarrow K^* K^0 K^0$ and $B^0 \rightarrow K^* K^+ \pi^-$ <i>Physical Review D</i> , 2007 , 76,	4.9	11
453	Search for $B^0 \rightarrow \pi^+(K^+ \pi^-)$ decays with large $K^+ \pi^-$ invariant mass. <i>Physical Review D</i> , 2007 , 76,	4.9	13
452	Searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: Results from the second LIGO science run. <i>Physical Review D</i> , 2007 , 76,	4.9	116
451	$e^+e^- \rightarrow K^+ K^0 \pi^+ K^+ K^0 \pi^0$ and $K^+ K^0 \pi^+ K^+ K^0 \pi^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86
450	Upper limit map of a background of gravitational waves. <i>Physical Review D</i> , 2007 , 76,	4.9	85

449	Measurement of the $B_{\bar{c}} \rightarrow \bar{c} D$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
448	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^* + D^{*\bar{c}}$. <i>Physical Review D</i> , 2007 , 76,	4.9	7
447	Measurement of CP asymmetries in $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	5
446	Branching fraction measurement of $B_{\bar{c}} \rightarrow D^{*+} \bar{c}$ and $B_{\bar{c}} \rightarrow D^{*0} \bar{c}$ and isospin analysis of $B_{\bar{c}} \rightarrow D^{*+} \bar{c}$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
445	Improved measurements of the branching fractions for $B^0 \rightarrow \bar{c} \bar{c}$ and $B^0 \rightarrow K^+ \bar{c}$ and a search for $B^0 \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2007 , 75,	4.9	33
444	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11
443	Study of inclusive $B_{\bar{c}}$ and $B_{\bar{c}}$ decays to flavor-tagged D, Ds, and \bar{c}^+ . <i>Physical Review D</i> , 2007 , 75,	4.9	9
442	Measurement of B decays to $\eta' K$. <i>Physical Review D</i> , 2007 , 75,	4.9	7
441	Study of $e^+e^- \rightarrow \bar{c} \bar{c}, \bar{c} D, \bar{c} D$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
440	Search for gravitational wave radiation associated with the pulsating tail of the SGR 180620 hyperflare of 27 December 2004 using LIGO. <i>Physical Review D</i> , 2007 , 76,	4.9	48
439	The $e^+e^- \rightarrow 2(\bar{c} D), 2(\bar{c} D) K + K \bar{c} D$ and $K + K \bar{c} D$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	111
438	An electromagnetic calorimeter for the silicon detector concept 2007 , 69, 1025-1030		4
437	Silicon detectors at the ILC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 579, 567-571	1.2	5
436	Search for gravitational-wave bursts in LIGO data from the fourth science run. <i>Classical and Quantum Gravity</i> , 2007 , 24, 5343-5369	3.3	70
435	Study of $B^0 \rightarrow \bar{c} \bar{c}$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2007 , 76,	4.9	46
434	Amplitude analysis of the $B^+ \rightarrow \phi K^*(892)^+ / -$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
433	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
432	Improved limits on the lepton-flavor violating decays $\tau^+ \rightarrow \ell^+ \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36

431	Evidence for charged B meson decays to $a_1^{+/-}(1260)\pi^0$ and $a_1(0)(1260)\pi^{+/-}$. <i>Physical Review Letters</i> , 2007 , 99, 261801	7.4	12
430	Measurement of CP-violating asymmetries in $B^0 \rightarrow \rho^0 \pi^0$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
429	Measurements of B^+ branching fractions of Cabibbo-suppressed decay modes involving Λ and Σ . <i>Physical Review D</i> , 2007 , 75,	4.9	7
428	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow [K^+ \pi^0] DK^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	4
427	Search for $B^+ \rightarrow \mu^+ \pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	39
426	Upper limits on gravitational wave emission from 78 radio pulsars. <i>Physical Review D</i> , 2007 , 76,	4.9	109
425	Measurement of the nucleon strange-antistrange asymmetry at next-to-leading order in QCD from NuTeV Dimuon data. <i>Physical Review Letters</i> , 2007 , 99, 192001	7.4	89
424	Observation of a Charmed Baryon Decaying to $D_s^0 p$ at a Mass Near $2.94 \text{ GeV}/c^2$. <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
423	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi^0$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
422	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
421	Improved measurement of CP violation in neutral B decays to $c\bar{c}$. <i>Physical Review Letters</i> , 2007 , 99, 171803	7.4	31
420	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$. <i>Physical Review Letters</i> , 2007 , 99, 201801	7.4	12
419	Amplitude analysis of the decay $D^0 \rightarrow K^+ \pi^-$. <i>Physical Review D</i> , 2007 , 76,	4.9	24
418	Evidence of a broad structure at an invariant mass of $4.32 \text{ GeV}/c^2$ in the reaction $e^+e^- \rightarrow \pi^+\pi^-\psi(2S)$ measured at BABAR. <i>Physical Review Letters</i> , 2007 , 98, 212001	7.4	200
417	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
416	Measurement of the Time-Dependent CP Asymmetry in $B^0 \rightarrow D_{CP}^{(*)} h^0$ Decays. <i>Physical Review Letters</i> , 2007 , 99, 081801	7.4	8
415	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
414	Measurement of the pseudoscalar decay constant f_D s using charm-tagged events in e^+e^- collisions at square root $s=10.58 \text{ GeV}$. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39

413	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
412	Measurement of $\cos^2\beta$ in $B_{(s)} \rightarrow D_{(s)}^{(*)} h_{(s)}$ decays with a time-dependent Dalitz plot analysis of $D \rightarrow K_{(s)} \pi_{(s)}$. <i>Physical Review Letters</i> , 2007 , 99, 231802	7.4	17
411	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{(s)} \rightarrow D \pi_{(s)} \pi_{(s)}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	31
410	Vector-tensor and vector-vector decay amplitude analysis of $B^0 \rightarrow \phi K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
409	Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7.4	7
408	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
407	Production and decay of Ω_c^0 . <i>Physical Review Letters</i> , 2007 , 99, 062001	7.4	21
406	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
405	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
404	Observation of $B \rightarrow \eta' K^*$ and evidence for $B^+ \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
403	Branching fraction measurements of $B^+ \rightarrow \rho^+ \gamma$, $B^0 \rightarrow \rho^0 \gamma$, and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 151802	7.4	22
402	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^{*+} D^{-}$. <i>Physical Review Letters</i> , 2007 , 99, 071801	7.4	19
401	Measurements of CP-violating asymmetries in $B^0 \rightarrow a_1^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2007 , 98, 181803	7.4	25
400	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
399	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$. <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
398	Evidence for the $B^0 \rightarrow \rho^0 \pi^0$ and $B^+ \rightarrow \rho^+ \pi^0$ decays and study of the decay dynamics of B meson decays into $\rho \pi$ final states. <i>Physical Review D</i> , 2007 , 76,	4.9	28
397	Measurement of the hadronic form factor in $D^0 \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
396	First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. <i>Physical Review D</i> , 2007 , 76,	4.9	33

395	Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. <i>Astrophysical Journal</i> , 2007 , 659, 918-930	4.7	107
394	Search for gravitational-wave bursts in LIGO's third science run. <i>Classical and Quantum Gravity</i> , 2006 , 23, S29-S39	3.3	36
393	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
392	Measurement of the spin of the omega(-) hyperon. <i>Physical Review Letters</i> , 2006 , 97, 112001	7.4	17
391	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
390	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
389	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
388	Measurements of the absolute branching fractions of $B^{+/-} \rightarrow K^{+/-} X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
387	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
386	Measurements of neutral B decay branching fractions to $K_S^0 \pi^0$ final states and the charge asymmetry of $B^0 \rightarrow K^{*+} \pi^-$. <i>Physical Review D</i> , 2006 , 73,	4.9	26
385	Measurement of the B^0 lifetime and the $B^0 B^0$ oscillation frequency using partially reconstructed $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
384	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
383	Observation of Upsilon(4S) decays to $\pi^+ \pi^- \text{Upsilon}(1S)$ and $\pi^+ \pi^- \text{Upsilon}(2S)$. <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39
382	Study of $e^+e^- \rightarrow p\bar{p}$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
381	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
380	Observation of an excited charm baryon Omega c^* decaying to Omega $c_0 \gamma$. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
379	Observation of $B^+ \rightarrow \phi \pi^+ K^+$ and evidence for $B^0 \rightarrow \phi \pi^0 K^0$ below eta(c) threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7.4	4
378	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

377	Search for lepton flavor violation in the decay $\tau \rightarrow e \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
376	Measurements of branching fraction, polarization, and charge asymmetry of $B \rightarrow \rho \rho$ and a search for $B \rightarrow \rho f(0)(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23
375	Dalitz plot analysis of the decay $B \rightarrow K K$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
374	Measurement of the $\bar{B} \rightarrow K$ transition form factors at $q^2 = 112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59
373	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
372	Measurement of the branching fraction and photon energy moments of $B \rightarrow X_s \gamma$ and $A(\text{CP})(B \rightarrow X(s+d) \gamma)$. <i>Physical Review Letters</i> , 2006 , 97, 171803	7.4	52
371	Observation of a new D_s meson decaying to DK at a mass of $2.86 \text{ GeV}/c^2$. <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117
370	Determinations of $B \rightarrow D^* D^*$ from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
369	Search for the rare decay $B_0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
368	Observation of B_0 meson decay to a $1^-(1260) \pi^+$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
367	Search for T, CP, and CPT violation in B_0 - \bar{B}_0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2006 , 96, 251802	7.4	65
366	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
365	Study of the decay $B \rightarrow D^* \pi$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
364	Search for the decay $B_0 \rightarrow K_S^0 K_S^0 K_L^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
363	Search for gravitational waves from binary black hole inspirals in LIGO data. <i>Physical Review D</i> , 2006 , 73,	4.9	68
362	Measurement of the $D^+ \rightarrow \pi^0$ and $D^+ \rightarrow K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
361	Measurement of the $B \rightarrow D^* K$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
360	Precise branching ratio measurements of the decays $D_0 \rightarrow \pi^0$ and $D_0 \rightarrow K^0$ relative to the $D_0 \rightarrow K^0$ decay. <i>Physical Review D</i> , 2006 , 74,	4.9	7

359	Branching fraction measurements of charged B decays to K^*+K+K and K^*+K+K final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10
358	Searches for B_0 decays to K_0 , K_0^* , K_0^* , and K_0^* . <i>Physical Review D</i> , 2006 , 74,	4.9	12
357	Study of the X(3872) and Y(4260) in $B_0 \rightarrow J/\psi K_0$ and $B \rightarrow J/\psi K_0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
356	The $e^+e^- \rightarrow 3(\pi^0) 2(\pi^0)$ and $K+K(\pi^0)$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2006 , 73,	4.9	107
355	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
354	Search for rare quark-annihilation decays, $B \rightarrow D_s^*(*) \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
353	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive cc production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	35
352	Search for the rare decays $B_0 \rightarrow D_s^*(*) a_0(2) \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	5
351	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
350	Measurements of CP-violating asymmetries and branching fractions in B decays to K and π . <i>Physical Review D</i> , 2006 , 74,	4.9	10
349	Branching fraction limits for B_0 decays to $\pi^0 \pi^0$ and π^0 . <i>Physical Review D</i> , 2006 , 73,	4.9	12
348	Measurement of $B^0 \rightarrow D^*(*) K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
347	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
346	Measurement of branching fractions in radiative B decays to K^0 and search for B decays to πK^0 . <i>Physical Review D</i> , 2006 , 74,	4.9	10
345	Search for doubly charmed baryons $\bar{d}c^+$ and $\bar{d}c^{++}$ in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
344	Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. <i>Physical Review D</i> , 2006 , 73,	4.9	38
343	Measurements of the $B \rightarrow D^*$ form factors using the decay $B^0 \rightarrow D^* + e \pi$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
342	Search for $B^+ \rightarrow \pi^0$ and $B_0 \rightarrow \pi^0$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14

341	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 $B^0 \rightarrow D^{*0} p \bar{p}$. <i>Physical Review D</i> , 2006 , 74,	4.9	27
340	Study of $B \rightarrow D^{(*)} D_s(J)^{(*)}$ decays and measurement of D_s and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29
339	Precise measurement of neutrino and antineutrino differential cross sections. <i>Physical Review D</i> , 2006 , 74,	4.9	110
338	Search for the decay $B^+ \rightarrow \mu^+ \nu_\mu$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
337	Observation of the exclusive reaction $e^+ e^- \rightarrow \mu^+ \mu^-$ at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
336	Search for B meson decays to $\mu^+ K^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
335	Search for $B^+ \rightarrow X(3872) K^+$, $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2006 , 74,	4.9	106
334	Search for the decay $B^0 \rightarrow a_1 \mu^+ \mu^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
333	Measurement of CP observables for the decays $B^{\pm} \rightarrow D^0 P^0 K^{\pm}$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
332	Search for the decay $B^0 \rightarrow 3\pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	4
331	B meson decays to K^* , ρ , and ω . <i>Physical Review D</i> , 2006 , 74,	4.9	14
330	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
329	Search for the rare decay $B^0 \rightarrow D^{*0} \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	1
328	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi A$ a measurement of $\cos 2\phi$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
327	Amplitude analysis of the decay $B^{\pm} \rightarrow \pi^{\pm} \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	30
326	Search for gravitational waves from galactic and extra-galactic binary neutron stars. <i>Physical Review D</i> , 2005 , 72,	4.9	88
325	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
324	Search for the radiative decay $B^0 \rightarrow \gamma \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	6

323	Upper limits from the LIGO and TAMA detectors on the rate of gravitational-wave bursts. <i>Physical Review D</i> , 2005 , 72,	4.9	44
322	Measurements of B meson decays to \bar{K}^* and π <i>Physical Review D</i> , 2005 , 71,	4.9	5
321	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
320	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12
319	$e^+e^- \rightarrow \mu^+\mu^- K^+K^-$ and $K^+K^- K^+K^-$ cross sections at center-of-mass energies 0.54–1.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
318	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
317	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
316	First all-sky upper limits from LIGO on the strength of periodic gravitational waves using the Hough transform. <i>Physical Review D</i> , 2005 , 72,	4.9	69
315	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X \bar{K}$, $X \rightarrow J/\psi$. <i>Physical Review D</i> , 2005 , 71,	4.9	71
314	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	19
313	Study of the $\bar{B} \rightarrow 3h \pi^+ \pi^-$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
312	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
311	Search for the decay $\bar{B} \rightarrow 4\pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	9
310	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D \pi K$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
309	Study of b \rightarrow c interference in the decay $B \rightarrow [K + \pi] D K^*$. <i>Physical Review D</i> , 2005 , 72,	4.9	8
308	Measurement of the branching ratios of the Z0 into heavy quarks. <i>Physical Review D</i> , 2005 , 71,	4.9	6
307	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
306	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

305	Search for CP violation and a measurement of the relative branching fraction in $D^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
304	Measurement of the ratio $B(B \rightarrow D^* K^0) / B(B \rightarrow D^* 0)$ and of the CP asymmetry of $B \rightarrow DCP^+ K^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
303	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
302	Fine grained silicon-tungsten calorimetry for a linear collider detector. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 868-873	1.7	6
301	Limits on gravitational-wave emission from selected pulsars using LIGO data. <i>Physical Review Letters</i> , 2005 , 94, 181103	7.4	109
300	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^* + D^{*-}$. <i>Physical Review Letters</i> , 2005 , 95, 151804	7.4	9
299	Search for the rare leptonic decay $B \rightarrow \tau \nu$. <i>Physical Review Letters</i> , 2005 , 95, 041804	7.4	14
298	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
297	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B^0 B^0$. <i>Physical Review Letters</i> , 2005 , 95, 042001	7.4	12
296	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
295	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
294	Upper limits on a stochastic background of gravitational waves. <i>Physical Review Letters</i> , 2005 , 95, 221101	7.4	69
293	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
292	Upper limits on gravitational wave bursts in LIGO's second science run. <i>Physical Review D</i> , 2005 , 72,	4.9	49
291	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^*)$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
290	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	23
289	Search for gravitational waves from primordial black hole binary coalescences in the galactic halo. <i>Physical Review D</i> , 2005 , 72,	4.9	66
288	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

287	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)\pm} K^{\mp}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
286	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
285	Direct measurements of A_B and A_C using vertex and kaon charge tags at the SLAC detector. <i>Physical Review Letters</i> , 2005 , 94, 091801	7.4	4
284	Production and decay of $\chi(c)0$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
283	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
282	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
281	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
280	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
279	Search for lepton flavor violation in the decay $\tau^{\pm} \rightarrow \mu^{\pm} \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
278	Search for gravitational waves associated with the gamma ray burst GRB030329 using the LIGO detectors. <i>Physical Review D</i> , 2005 , 72,	4.9	70
277	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B) \rightarrow \rho^+ \rho^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	31
276	Measurements of branching fractions and Dalitz distributions for $B^0 \rightarrow D^{(*)\pm} K^0 \pi^{\mp}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 171802	7.4	3
275	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
274	Search for factorization-suppressed $B \rightarrow \chi(c) K^{(*)}$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
273	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
272	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
271	Search for the decay $B^+ \rightarrow K^+ \nu \nu$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7.4	34
270	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

269	Measurement of the Cabibbo-Kobayashi-Maskawa angle γ in $B^{\pm} \rightarrow D^* K^{\pm}$ decays with a Dalitz analysis of $D \rightarrow K^0(S) \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2005 , 95, 121802	7-4	65
268	NuTeV Structure Function Measurement. <i>International Journal of Modern Physics A</i> , 2005 , 20, 3759-3761	1-2	2
267	DESIGN AND DEVELOPMENT OF A DENSE, FINE GRAINED SILICON TUNGSTEN CALORIMETER WITH INTEGRATED ELECTRONICS 2005 ,		4
266	Search algorithm for a gravitational wave signal in association with gamma ray burst GRB030329 using the LIGO detectors. <i>Classical and Quantum Gravity</i> , 2004 , 21, S1831-S1837	3-3	12
265	Gamma ray bursts and gravitational waves: triggered search strategy in the LIGO science runs. <i>Classical and Quantum Gravity</i> , 2004 , 21, S765-S774	3-3	20
264	Upper limits on the strength of periodic gravitational waves from PSR J1939+2134. <i>Classical and Quantum Gravity</i> , 2004 , 21, S671-S676	3-3	4
263	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
262	Bound on the ratio of decay amplitudes for $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi \bar{K}^0$. <i>Physical Review Letters</i> , 2004 , 93, 081801	7-4	4
261	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4-9	34
260	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
259	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} \pi^+ \pi^-$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7-4	12
258	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
257	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^* \gamma (K^* \rightarrow K^0 \pi^0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 201801	7-4	13
256	Measurement of branching fractions of color-suppressed decays of the B^0 meson to $D^{(*)} \pi^0$, $D^{(*)} \pi^+ \pi^-$ and $D^0 \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4-9	20
255	Measurement of the branching fraction for $B^{\pm} \rightarrow \bar{B}^0 K^{\pm}$. <i>Physical Review D</i> , 2004 , 69,	4-9	11
254	Search for lepton-flavor violation in the decay $\tau^+ \rightarrow l^+ l^- l^+$. <i>Physical Review Letters</i> , 2004 , 92, 121801	7-4	65
253	Measurements of CP-violating asymmetries in $B^0 \rightarrow K^0(S) \pi^0$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131805	7-4	18
252	Search for B^0 decays to invisible final states and to $n \nu \gamma$. <i>Physical Review Letters</i> , 2004 , 93, 091802	7-4	10

251	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
250	Observation of a narrow meson decaying to $D_s + \bar{D}$ at a mass of $2.458 \text{ GeV}/c^2$. <i>Physical Review D</i> , 2004 , 69,	4.9	71
249	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
248	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
247	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
246	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
245	Production of Ξ , ΣK^+ , $K^* p$, and $p \pi^+$ in light (uds), c, and b jets from Z^0 decays. <i>Physical Review D</i> , 2004 , 69,	4.9	39
244	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	7.4	25
243	Observation of the decay $B^0 \rightarrow \Xi^0 \bar{D}$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
242	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2004 , 70,	4.9	47
241	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , 2004 , 92, 181801	7.4	30
240	Search for the rare leptonic decay $B^{+-} \rightarrow \mu^+ \nu(\mu)$. <i>Physical Review Letters</i> , 2004 , 92, 221803	7.4	5
239	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
238	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 111801	7.4	7
237	Analysis of first LIGO science data for stochastic gravitational waves. <i>Physical Review D</i> , 2004 , 69,	4.9	71
236	Measurement of the average Γ multiplicity in B meson decay. <i>Physical Review D</i> , 2004 , 69,	4.9	1
235	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
234	Measurements of branching fractions in $B \rightarrow \bar{K}$ and $B \rightarrow \bar{D}$ and search for direct CP violation in $B \bar{D} \rightarrow \bar{K} \bar{D}$. <i>Physical Review D</i> , 2004 , 69,	4.9	17

233	Study of $B^+ \rightarrow J/\psi \pi^+ \pi^-$ and $B^+ \rightarrow J/\psi K^+ \pi^-$ decays: measurement of the ratio of branching fractions and search for direct CP violation. <i>Physical Review Letters</i> , 2004 , 92, 241802	7.4	13
232	Measurement of the $B^0 \rightarrow \phi K^0$ decay amplitudes. <i>Physical Review Letters</i> , 2004 , 93, 231804	7.4	66
231	Measurement of the branching fractions for inclusive B^0 and B^+ decays to flavor-tagged D, Ds, and \bar{D} . <i>Physical Review D</i> , 2004 , 70,	4.9	9
230	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
229	Study of $B \rightarrow D^{(*)} S J + D^{(*)}$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
228	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
227	Search for $D^0 \bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
226	Branching fraction measurements of $B \rightarrow \bar{B} K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
225	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
224	Measurement of the branching fraction and polarization for the decay $B^+ \rightarrow D^0 K^+ \pi^-$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
223	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
222	First upper limits from LIGO on gravitational wave bursts. <i>Physical Review D</i> , 2004 , 69,	4.9	87
221	Measurement of $\sin 2\beta$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
220	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*-} \pi^+$ decays. <i>Physical Review Letters</i> , 2004 , 92, 251802	7.4	12
219	Setting upper limits on the strength of periodic gravitational waves from PSR J1939+2134 using the first science data from the GEO 600 and LIGO detectors. <i>Physical Review D</i> , 2004 , 69,	4.9	135
218	Measurements of the branching fractions of charged B decays to $K^0 \bar{K}^0$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23
217	Measurement of the $B^0 \rightarrow K_2^*(1430) 0$ and $B^+ \rightarrow K_2^*(1430)^+$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
216	Measurement of the branching fraction for $B^0 \rightarrow D^0 K^+ \pi^-$. <i>Physical Review D</i> , 2004 , 69,	4.9	3

215	Search for the decay $B_0 \rightarrow J/\psi$ <i>Physical Review D</i> , 2004 , 70,	4.9	9
214	J/ψ production via initial state radiation in $e^+e^- \rightarrow \mu^+\mu^-$ at an e^+e^- center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69,	4.9	44
213	Measurement of the branching fractions and CP asymmetry of $B \rightarrow D(0^{CP})K^-$ decays with the BABAR detector. <i>Physical Review Letters</i> , 2004 , 92, 202002	7.4	10
212	Search for the decay $B_0 \rightarrow \rho\rho$ <i>Physical Review D</i> , 2004 , 69,	4.9	24
211	Analysis of LIGO data for gravitational waves from binary neutron stars. <i>Physical Review D</i> , 2004 , 69,	4.9	122
210	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
209	First measurement of the double-inclusive B/B hadron energy distribution in e^+e^- annihilations, and of angle-dependent moments of the B and \bar{B} energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 578, 45-53	4.2	
208	Detector description and performance for the first coincidence observations between LIGO and GEO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 517, 154-179	1.2	229
207	B meson decays to $(\bar{P})K^*$, $(\bar{P})\rho(P)\rho$, ρ , and ρ . <i>Physical Review D</i> , 2004 , 70,	4.9	56
206	$\sin 2\alpha$ FROM NEUTRINO SCATTERING AT NUTEV. <i>International Journal of Modern Physics A</i> , 2003 , 18, 3841-3855	1.2	6
205	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}		13
204	High energy neutrino scattering results from NuTeV. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 118, 164-173		6
203	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
202	Measurement of the $B_0 \rightarrow J/\psi \pi^+ \pi^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 90, 091801	7.4	11
201	Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta'K$. <i>Physical Review Letters</i> , 2003 , 91, 161801	7.4	33
200	Search for $D_0-D(0)$ mixing and a measurement of the doubly Cabibbo-suppressed decay rate in $D_0 \rightarrow K\pi$ decays. <i>Physical Review Letters</i> , 2003 , 91, 171801	7.4	36
199	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
198	Observation of a narrow meson state decaying to $D^+(s)\pi(0)$ at a mass of 2.32 GeV/c ² . <i>Physical Review Letters</i> , 2003 , 90, 242001	7.4	509

197	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
196	Limits on D^0 - \bar{D}^0 mixing and CP violation from the ratio of lifetimes for decay to $K\pi^+$, $K\bar{K}^+$, and $\pi^-\pi^+$. <i>Physical Review Letters</i> , 2003 , 91, 121801	7.4	33
195	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^+(\pi^-)\rho^0$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46
194	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
193	Measurement of the branching fractions for the exclusive decays of B^0 and B^+ to $D^* D^* K$. <i>Physical Review D</i> , 2003 , 68,	4.9	21
192	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , 2003 , 67,	4.9	24
191	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
190	Simultaneous measurement of the B^0 meson lifetime and mixing frequency with $B^0 \rightarrow D^* \pi^+$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	10
189	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
188	Improved direct measurement of the parity-violation parameter A_B using a mass tag and momentum-weighted track charge. <i>Physical Review Letters</i> , 2003 , 90, 141804	7.4	3
187	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element V_{ub} with $B \rightarrow \rho^0 \nu$ decays. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	22
186	Rare B decays into states containing a J/ψ meson and a meson with $s(-)s$ quark content. <i>Physical Review Letters</i> , 2003 , 91, 071801	7.4	17
185	Study of the rare decays $B^0 \rightarrow D^{(*)+}(s)\pi^-$ and $B^0 \rightarrow D^{(*)-}(s)K^+$. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	23
184	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
183	Search for time-dependent $B_s^0 \bar{B}_s^0$ oscillations using a vertex charge dipole technique. <i>Physical Review D</i> , 2003 , 67,	4.9	6
182	Evidence for the rare decay $B \rightarrow K^* l^+ l^-$ and measurement of the $B \rightarrow K l^+ l^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 91, 221802	7.4	55
181	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
180	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

179	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
178	Evidence for $B^{+-} \rightarrow J/\psi p(-)\Lambda$; and search for $B^0 \rightarrow J/\psi p(-)p$. <i>Physical Review Letters</i> , 2003 , 90, 231801	7.4	13
177	Nuclear effects and the NuTeV $\sin^2 \theta_W$ measurement. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 112, 226-233		10
176	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
175	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
174	Measurement of B^0 - B^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	7.4	24
173	Search for time-dependent B_s^0 - B_s^0 oscillations using exclusively reconstructed D_s^{\mp} mesons. <i>Physical Review D</i> , 2002 , 66,	4.9	5
172	Effect of asymmetric strange seas and isospin-violating parton distribution functions on $\sin^2 \theta_W$ measured in the NuTeV experiment. <i>Physical Review D</i> , 2002 , 65,	4.9	87
171	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
170	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , 2002 , 65,	4.9	16
169	Study of CP-violating asymmetries in $B^0 \rightarrow \pi^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2002 , 65,	4.9	10
168	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
167	Search for the rare decays $B \rightarrow K l^{(+)} l^{(-)}$ and $B \rightarrow K^{(*)} l^{(+)} l^{(-)}$. <i>Physical Review Letters</i> , 2002 , 88, 241801	7.4	23
166	Measurement of the CP asymmetry amplitude $\sin^2 \beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
165	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the $\Upsilon(4S)$. <i>Physical Review D</i> , 2002 , 66,	4.9	129
164	Study of $B_{\mp} \rightarrow J/\psi B$ and $B_{\mp} \rightarrow J/\psi B_{\mp}$ 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
163	Precise determination of electroweak parameters in neutrino-nucleon scattering. <i>Physical Review Letters</i> , 2002 , 88, 091802	7.4	435
162	Measurement of the b-quark fragmentation function in Z^0 decays. <i>Physical Review D</i> , 2002 , 65,	4.9	68

161	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002 , 65,	4.9	51
160	Search for $\nu(\mu) \rightarrow \nu(e)$ and $\nu(\mu) \rightarrow \nu(e)$ oscillations at NuTeV. <i>Physical Review Letters</i> , 2002 , 89, 011804	7.4	39
159	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
158	Measurement of the $B(0)$ lifetime with partially reconstructed $B(0) \rightarrow D^{(-)l(+)} \nu(l)$ decays. <i>Physical Review Letters</i> , 2002 , 89, 011802	7.4	10
157	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$, $K^+ \pi^-$, $K^+ K^-$ decays. <i>Physical Review Letters</i> , 2002 , 89, 281802	7.4	119
156	Measurement of the B^0 - \bar{B}^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
155	Improved direct measurement of $A(b)$ and $A(c)$ at the $Z(0)$ pole using a lepton tag. <i>Physical Review Letters</i> , 2002 , 88, 151801	7.4	12
154	Improved measurement of the probability for gluon splitting into in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 61-69	4.2	8
153	OBSERVATION OF ANOMALOUS DIMUON EVENTS IN THE NUTEV DECAY DETECTOR. <i>International Journal of Modern Physics A</i> , 2001 , 16, 761-763	1.2	1
152	NEW MEASUREMENTS OF NUCLEON STRUCTURE FUNCTIONS FROM CCFR/NuTeV. <i>International Journal of Modern Physics A</i> , 2001 , 16, 202-204	1.2	2
151	SEARCH FOR LIGHT-TO-HEAVY QUARK FLAVOR CHANGING NEUTRAL CURRENTS IN $\mu\mu$ AND $\bar{\nu}_\mu N$ SCATTERING. <i>International Journal of Modern Physics A</i> , 2001 , 16, 489-491	1.2	1
150	OBSERVATION OF NEUTRAL CURRENT CHARM PRODUCTION IN $\mu\mu$ SCATTERING AT THE TEVATRON. <i>International Journal of Modern Physics A</i> , 2001 , 16, 764-766	1.2	5
149	Improved direct measurement of leptonic coupling asymmetries with polarized Z bosons. <i>Physical Review Letters</i> , 2001 , 86, 1162-6	7.4	30
148	Measurement of J/ψ production in continuum e^+e^- annihilations near square root of $s = 10.6$ GeV. <i>Physical Review Letters</i> , 2001 , 87, 162002	7.4	50
147	Measurements of F_2 and $xF_3(\nu)$ - $xF_3(\bar{\nu})$ from CCFR $\nu(\mu)$ -Fe and $\bar{\nu}(\mu)$ -Fe Data in a Physics Model-Independent Way. <i>Physical Review Letters</i> , 2001 , 86, 2742-5	7.4	76
146	Precise measurement of dimuon production cross sections in $\mu\mu$ and $\bar{\nu}\mu$ deep inelastic scattering at the Fermilab Tevatron. <i>Physical Review D</i> , 2001 , 64,	4.9	179
145	Observation of neutral current charm production in $\mu\mu$ scattering at the Fermilab Tevatron. <i>Physical Review D</i> , 2001 , 64,	4.9	10
144	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46

143	Measurement of Ac with charmed mesons at the SLAC Large Detector. <i>Physical Review D</i> , 2001 , 63,	4.9	5
142	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
141	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
140	First symmetry tests in polarized Z0 decays to bbg. <i>Physical Review Letters</i> , 2001 , 86, 962-6	7.4	2
139	Measurement of the branching fractions for $(D_S) \rightarrow e+e\bar{D}$ and $(D_S) \rightarrow \mu\mu$ <i>Physical Review D</i> , 2001 , 65,	4.9	5
138	Extraction of $R = \sigma(L)/\sigma(T)$ from CCFR $\nu(\mu)$ -Fe and $\nu(\mu)$ -Fe differential cross sections. <i>Physical Review Letters</i> , 2001 , 87, 251802	7.4	22
137	First measurement of the low- x, low- Q^2 structure function F_2 in neutrino scattering. <i>Physical Review Letters</i> , 2001 , 86, 5430-3	7.4	22
136	Observation of CP violation in the B(0) meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373
135	Measurement of the decays $B \rightarrow \phi K$ and $B \rightarrow \phi K^*$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4	31
134	Search for the decay $B_0 \rightarrow \gamma\gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
133	Observation of an anomalous number of dimuon events in a high energy neutrino beam. <i>Physical Review Letters</i> , 2001 , 87, 041801	7.4	24
132	Search for the lepton family number violating process $\nu(\mu)e^- \rightarrow \mu^- \nu(e)$. <i>Physical Review Letters</i> , 2001 , 87, 071803	7.4	7
131	Measurements of the branching fractions of exclusive charmless B meson decays with η' or omega mesons. <i>Physical Review Letters</i> , 2001 , 87, 221802	7.4	39
130	Precision calibration of the NuTeV calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 447, 377-415 ^{1,2}		26
129	Low- Q^2 low-x structure function analysis of CCFR data for F_2 . <i>Nuclear Physics A</i> , 2000 , 663-664, 344c-348c ³		
128	Recent QCD results from NuTeV/CCFR Collaboration. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 86, 93-101		2
127	Search for charmless hadronic decays of B mesons with the SLAC SLD detector. <i>Physical Review D</i> , 2000 , 62,	4.9	5
126	Search for a 33.9 MeV/c ² neutral particle in pion decay. <i>Physical Review Letters</i> , 2000 , 84, 4043-6	7.4	12

125	High-precision measurement of the left-right Z Boson cross-section asymmetry. <i>Physical Review Letters</i> , 2000 , 84, 5945-9	7.4	58
124	First direct measurement of the parity-violating coupling of the Z0 to the s quark. <i>Physical Review Letters</i> , 2000 , 85, 5059-63	7.4	10
123	Evidence for diffractive charm production in $e\bar{e}$ and $e\bar{e}$ scattering at the Fermilab Tevatron. <i>Physical Review D</i> , 2000 , 61,	4.9	30
122	Search for light-to-heavy quark flavor changing neutral currents in $e\bar{e}$ and $e\bar{e}$ scattering at the Fermilab Tevatron. <i>Physical Review D</i> , 2000 , 63,	4.9	4
121	Precise measurement of the b-quark fragmentation function in Z0 boson decays. <i>Physical Review Letters</i> , 2000 , 84, 4300-4	7.4	49
120	Search for Neutral Heavy Leptons in a High-Energy Neutrino Beam. <i>Physical Review Letters</i> , 1999 , 83, 4943-4946	7.4	97
119	Direct Measurement of A_b in Z0 Decays Using Charged Kaon Tagging. <i>Physical Review Letters</i> , 1999 , 83, 1902-1907	7.4	6
118	Direct Measurement of A_b and A_c at the Z0 Pole Using a Lepton Tag. <i>Physical Review Letters</i> , 1999 , 83, 3384-3389	7.4	10
117	Production of \bar{D}^* , K^+ , K^0 , K^{*0} , \bar{D}^* and \bar{D}^* in hadronic Z0 decays. <i>Physical Review D</i> , 1999 , 59,	4.9	85
116	Determination of $\sin^2 \theta_W$ from neutrino-nucleon scattering at NuTeV. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 77, 265-270		
115	Performance of the NuTeV Fe-scintillator sampling calorimeter and implications for thin calorimeters. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 78, 232-237		1
114	A measurement of α_s and R with the CCFR detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 79, 89-92		1
113	Initial impact parameter resolution of the new SLD vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 243-246	1.2	2
112	Measurement of R_b Using a Vertex Mass Tag. <i>Physical Review Letters</i> , 1998 , 80, 660-665	7.4	44
111	Direct Measurement of Parity Violation in the Coupling of Z0 Bosons to b Quarks Using a Mass Tag and Momentum-Weighted Track Charge. <i>Physical Review Letters</i> , 1998 , 81, 942-946	7.4	10
110	Improved test of the flavor independence of strong interactions. <i>Physical Review D</i> , 1998 , 59,	4.9	9
109	Measurement of electron beam polarization from the energy asymmetry of Compton scattered photons. <i>IEEE Transactions on Nuclear Science</i> , 1998 , 45, 670-675	1.7	3
108	Measurement of the B hadron energy distribution in Z0 decays. <i>Physical Review D</i> , 1997 , 56, 5310-5319	4.9	7

107	Study of the orientation and energy partition of three-jet events in hadronic Z0 decays. <i>Physical Review D</i> , 1997 , 55, 2533-2545	4.9	1
106	Measurement of the ρ Neutrino Helicity and Michel Parameters in Polarized e+e- Collisions. <i>Physical Review Letters</i> , 1997 , 78, 4691-4696	7.4	13
105	Measurement of Leading Particle Effects in Decays of Z0 Bosons into Light Flavors [Phys. Rev. Lett. 78, 3442 (1997)]. <i>Physical Review Letters</i> , 1997 , 79, 959-959	7.4	3
104	Measurement of Leading Particle Effects in Decays of Z0 Bosons into Light Flavors. <i>Physical Review Letters</i> , 1997 , 78, 3442-3446	7.4	12
103	Improved Measurement of the Left-Right Z0 Cross Section Asymmetry. <i>Physical Review Letters</i> , 1997 , 78, 2075-2079	7.4	35
102	Measurement of the B+ and B0 Lifetimes Using Topological Reconstruction of Inclusive and Semileptonic Decays. <i>Physical Review Letters</i> , 1997 , 79, 590-596	7.4	18
101	First Measurement of the Left-Right Charge Asymmetry in Hadronic Z Boson Decays and a New Determination of $\sin^2 2\theta_{\text{eff}}$. <i>Physical Review Letters</i> , 1997 , 78, 17-21	7.4	13
100	Direct Measurement of Leptonic Coupling Asymmetries with Polarized Z Bosons. <i>Physical Review Letters</i> , 1997 , 79, 804-808	7.4	15
99	Performance of the new vertex detector at SLD. <i>IEEE Transactions on Nuclear Science</i> , 1997 , 44, 587-591	1.7	3
98	The SLD VXD3 detector and its initial performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 386, 46-51	1.2	5
97	Design and performance of the SLD vertex detector: a 307 Mpixel tracking system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 400, 287-343	1.2	89
96	Factorial and cumulant moments in e+e- → hadrons at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 371, 149-156	4.2	28
95	Measurement of the charged multiplicities in b, c and light quark events from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 386, 475-485	4.2	16
94	Measurements of Rb with impact parameters and displaced vertices. <i>Physical Review D</i> , 1996 , 53, 1023-1038	4.9	41
93	Test of the flavor independence of strong interactions. <i>Physical Review D</i> , 1996 , 53, R2271-R2275	4.9	4
92	First Study of Rapidity Gaps in e+e- Annihilation. <i>Physical Review Letters</i> , 1996 , 76, 4886-4890	7.4	4
91	Observation of target electron momentum effects in single-arm Møller polarimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 363, 526-537	1.2	18
90	Measurement of $\alpha_s(M_Z^2)$ from hadronic event observables at the Z0 resonance. <i>Physical Review D</i> , 1995 , 51, 962-984	4.9	63

89	Measurement of the parity-violation parameter A_b from the left-right forward-backward asymmetry of b quark production in Z^0 decays using a momentum-weighted track-charge technique. <i>Physical Review Letters</i> , 1995 , 74, 2890-2894	7.4	16
88	Measurement of the average B hadron lifetime in Z^0 decays using reconstructed vertices. <i>Physical Review Letters</i> , 1995 , 75, 3624-3628	7.4	12
87	Measurement of the parity-violation parameters A_b and A_c from the left-right forward-backward asymmetry of leptons in hadronic events at the Z^0 resonance. <i>Physical Review Letters</i> , 1995 , 74, 2895-2899	7.4	16
86	Measurement of the tau lifetime at SLD. <i>Physical Review D</i> , 1995 , 52, 4828-4838	4.9	7
85	Search for jet handedness in hadronic Z^0 decays. <i>Physical Review Letters</i> , 1995 , 74, 1512-1516	7.4	12
84	Comparison of a new calculation of energy-energy correlations with $e^+e^- \rightarrow$ hadrons data at the Z^0 resonance. <i>Physical Review D</i> , 1995 , 52, 4240-4244	4.9	1
83	Measurement of the left-right forward-backward asymmetry for charm quarks with D^{*+} and D^+ mesons. <i>Physical Review Letters</i> , 1995 , 75, 3609-3613	7.4	9
82	First Measurement of the T-Odd Correlation between the Z^0 Spin and the Three-Jet Plane Orientation in Polarized Z^0 Decays into Three Jets. <i>Physical Review Letters</i> , 1995 , 75, 4173-4177	7.4	23
81	Polarized Bhabha scattering and a precision measurement of the electron neutral current couplings. <i>Physical Review Letters</i> , 1995 , 74, 2880-2884	7.4	14
80	. <i>IEEE Transactions on Nuclear Science</i> , 1995 , 42, 92-101	1.7	3
79	Measurement of α_s from energy-energy correlations at the Z^0 resonance. <i>Physical Review D</i> , 1994 , 50, 5580-5590	4.9	10
78	Precise measurement of the left-right cross section asymmetry in Z boson production by e^+e^- collisions. <i>Physical Review Letters</i> , 1994 , 73, 25-29	7.4	97
77	Measurement of the charged multiplicity of $Z^0 \rightarrow b\bar{b}$ events. <i>Physical Review Letters</i> , 1994 , 72, 3145-3149	7.4	18
76	Performance of a longitudinally-segmented CsI(Tl) array suitable for a detector in a low or medium energy e^+e^- storage ring. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 344, 547-557	1.2	1
75	First measurement of the left-right cross section asymmetry in Z boson production by e^+e^- collisions. <i>Physical Review Letters</i> , 1993 , 70, 2515-2520	7.4	58
74	FIRST MEASUREMENT OF THE LEFT-RIGHT ASYMMETRY IN Z-BOSON PRODUCTION. <i>Modern Physics Letters A</i> , 1993 , 08, 2237-2248	1.3	3
73	Measurement of α_s from jet rates at the Z^0 resonance. <i>Physical Review Letters</i> , 1993 , 71, 2528-2532	7.4	17
72	. <i>IEEE Transactions on Nuclear Science</i> , 1993 , 40, 563-568	1.7	1

71	Measurement of the charged multiplicity of events containing bottom hadrons at $\sqrt{s}=91$ GeV. <i>Physical Review D</i> , 1992 , 46, 453-456	4.9	14
70	. <i>IEEE Transactions on Nuclear Science</i> , 1992 , 39, 1242-1248	1.7	9
69	A luminosity monitor for the Mark II detector at the SLC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 317, 453-462 ^{1,2}		1
68	Measurement of the total hadronic cross section in e^+e^- annihilation at $\sqrt{s}=29$ GeV. <i>Physical Review D</i> , 1991 , 43, 34-45	4.9	3
67	Measurement of the $b\bar{b}$ fraction in hadronic Z0 decays with precision vertex detectors. <i>Physical Review Letters</i> , 1991 , 67, 3347-3350	7.4	16
66	Search for elastic nondiagonal lepton-pair production in e^+e^- annihilation at $\sqrt{s}=29$ GeV. <i>Physical Review Letters</i> , 1991 , 66, 1007-1010	7.4	8
65	A reanalysis of B^0 - \bar{B}^0 mixing in e^+e^- annihilation at 29 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 240, 289-296	4.2	10
64	Direct search for pair production of heavy stable charged particles in Z decays. <i>Physical Review Letters</i> , 1990 , 64, 2980-2983	7.4	7
63	Search for nonminimal neutral Higgs bosons from Z-boson decays. <i>Physical Review Letters</i> , 1990 , 64, 2881-2884	7.4	7
62	Search for doubly charged Higgs scalars in Z decay. <i>Physical Review Letters</i> , 1990 , 64, 2877-2880	7.4	11
61	Measurements of charged-particle inclusive distributions in hadronic decays of the Z boson. <i>Physical Review Letters</i> , 1990 , 64, 1334-1337	7.4	43
60	Measurement of the $b\bar{b}$ fraction in hadronic Z decays. <i>Physical Review Letters</i> , 1990 , 64, 1211-1214	7.4	19
59	Search for long-lived massive neutrinos in Z decays. <i>Physical Review Letters</i> , 1990 , 64, 1091-1094	7.4	8
58	Upper limits on $D^{+/-}$ and $B^{+/-}$ decays to two leptons plus $\pi^{+/-}$ or $K^{+/-}$. <i>Physical Review D</i> , 1990 , 41, 1384-1388	4.3	15
57	Searches for supersymmetric particles produced in Z-boson decay. <i>Physical Review Letters</i> , 1990 , 64, 2984-2987	7.4	21
56	Determination of α_s from a differential-jet-multiplicity distribution in e^+e^- collisions at $\sqrt{s}=29$ and 91 GeV. <i>Physical Review Letters</i> , 1990 , 64, 987-990	7.4	57
55	Measurement of the B^0 -meson lifetime. <i>Physical Review Letters</i> , 1990 , 64, 1095-1098	7.4	11
54	Search for decays of the Z to unstable neutral leptons with mass between 2.5 and 22 GeV. <i>Physical Review D</i> , 1990 , 41, 3542-3545	4.9	4

53	Measurement of Z decays into lepton pairs. <i>Physical Review Letters</i> , 1989 , 63, 2780-2783	7.4	15
52	Measurements of Z-boson resonance parameters in e+e- annihilation. <i>Physical Review Letters</i> , 1989 , 63, 2173-2176	7.4	139
51	First observation of beamstrahlung. <i>Physical Review Letters</i> , 1989 , 62, 2381-2384	7.4	15
50	Searches for new quarks and leptons produced in Z-boson decay. <i>Physical Review Letters</i> , 1989 , 63, 2447-2451	7.4	38
49	First measurements of hadronic decays of the Z boson. <i>Physical Review Letters</i> , 1989 , 63, 1558-1561	7.4	26
48	Searches for nonminimal Higgs bosons from a virtual Z decaying into a muon pair at the SLAC e+e- storage ring PEP. <i>Physical Review D</i> , 1989 , 40, 721-728	4.9	1
47	Studies of intermediate vector boson production and decay in UA1 at the CERN proton-antiproton collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989 , 44, 15-61		87
46	Search for B-decay to Higgs bosons for Higgs boson masses between 50 and 210 MeV/c ² . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 229, 169-174	4.2	6
45	A monitor for gamma radiation at zero degrees from the SLC collision point. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 277, 297-303	1.2	5
44	The Mark II detector for the SLC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 281, 55-80	1.2	32
43	Initial measurements of Z-boson resonance parameters in e+e- annihilation. <i>Physical Review Letters</i> , 1989 , 63, 724-727	7.4	127
42	Heavy flavor resonances and QED radiative corrections. <i>Nuclear Physics B</i> , 1989 , 320, 45-60	2.8	26
41	Determination of alpha s from energy-energy correlations in e+e- annihilation at 29 GeV. <i>Physical Review D</i> , 1988 , 37, 3091-3102	4.9	12
40	Multihadronic events at Ec.m. <i>Physical Review D</i> , 1988 , 37, 1-27	4.9	103
39	Radiative corrections to the Z0 resonance. <i>Physical Review D</i> , 1988 , 37, 56-70	4.9	25
38	Measurement of the D0 lifetime from the upgraded Mark II detector at the SLAC e+e- storage ring PEP. <i>Physical Review D</i> , 1987 , 36, 2850-2853	4.9	6
37	Beauty production at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 186, 237-246	4.2	114
36	Search for oscillations at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 186, 247-254	4.2	175

35	Production of W's with large transverse momentum at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 193, 389-398	4.2	46
34	Events with large missing transverse energy at the CERN collider: III. Mass limits on supersymmetric particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 198, 261-270	4.2	119
33	Intermediate vector boson cross sections at the CERN super proton synchrotron collider and the number of neutrino types. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 198, 271-280	4.2	70
32	Events with large missing transverse energy at the cern collider: I.W->tau decay and test of tau universality at Q2=mw2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 185, 233-240	4.2	63
31	Events with large missing transverse energy at the cern collider: II. search for the decays of W into heavy leptons and of Z0 into non-interacting particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 185, 241-248	4.2	75
30	Analysis of the highest transverse energy events seen in the UA 1 detector at the(Spbar pS) collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1987 , 36, 33-43		13
29	Response of isolated guinea pig myocardium to insulin therapy during normothermia and graded hypothermia. <i>Resuscitation</i> , 1986 , 13, 107-113	4	5
28	Measurement of the inclusive jet cross section at the CERN p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 172, 461-466	4.2	91
27	Angular distributions for high-mass jet pairs and a limit on the energy scale of compositeness for quarks from the CERN pp collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 177, 244-250	4.2	52
26	Recent results on intermediate vector boson properties at the CERN super proton synchrotron collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 166, 484-490	4.2	76
25	Intermediate-Vector-Boson Properties at the CERN Super Proton Synchrotron Collider. <i>Europhysics Letters</i> , 1986 , 1, 327-345	1.6	40
24	Analysis of the fragmentation properties of quark and gluon jets at the CERN SPS pp collider. <i>Nuclear Physics B</i> , 1986 , 276, 253-271	2.8	37
23	Comparison of three-jet and two-jet cross sections in pp collisions at the CERN SPS pp collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 158, 494-504	4.2	62
22	Intermediate-mass dimuon events at the CERN p collider at sqrt(s) = 540 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 155, 442-456	4.2	24
21	Experimental observation of events with large missing transverse energy accompanied by a jet or a photon (S) in p collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 139, 115-125	4.2	208
20	Search for massive e and tau final states at the CERN super proton synchrotron collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 135, 250-254	4.2	49
19	D* production in jets at the CERN SPS collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 147, 222-226	4.2	29
18	Observation of muonic Z0-decay at the p p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 147, 241-248	4.2	40

17	Angular distributions and structure functions from two-jet events at the CERN SPS collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 136, 294-300	4.2	105
16	Observation of the muonic decay of the charged intermediate vector boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 134, 469-476	4.2	52
15	Associated production of an isolated, large-transverse-momentum lepton (electron or muon), and two jets at the CERN p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 147, 493-508	4.2	192
14	Experimental observation of lepton pairs of invariant mass around 95 GeV/c ² at the CERN SPS collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 126, 398-410	4.2	522
13	Small angle elastic scattering at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 121, 77-82	4.2	24
12	Hadronic jet production at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 132, 214-222	4.2	108
11	Jet fragmentation into charged particles at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 132, 223-229	4.2	29
10	Elastic and total cross section measurement at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 128, 336-342	4.2	87
9	Search for centauro like events at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 122, 189-196	4.2	41
8	Further evidence for charged intermediate vector bosons at the SPS collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 129, 273-282	4.2	185
7	Charged particle multiplicity distributions in proton-antiproton collisions at 540 GeV centre of mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 123, 108-114	4.2	66
6	Observation of jets in high transverse energy events at the CERN proton antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 123, 115-122	4.2	157
5	Experimental observation of isolated large transverse energy electrons with associated missing energy at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 122, 103-116	4.2	656
4	Transverse momentum spectra for charged particles at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1982 , 118, 167-172	4.2	250
3	First observation of correlations between high transverse momentum charged particles in events from the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1982 , 118, 173-177	4.2	21
2	Some observations on the first events seen at the CERN proton-antiproton collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1981 , 107, 320-324	4.2	91
1	LIGO detector characterization in the second and third observing runs. <i>Classical and Quantum Gravity</i> ,	3.3	31