

Raymond E Frey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7344019/publications.pdf>

Version: 2024-02-01

853
papers

83,634
citations

1040

113
h-index

538

265
g-index

859
all docs

859
docs citations

859
times ranked

24028
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, . | 1.8 | 20 |
| 2 | A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218. | 1.6 | 144 |
| 3 | LIGO detector characterization in the second and third observing runs. Classical and Quantum Gravity, 2021, 38, 135014. | 1.5 | 128 |
| 4 | Environmental noise in advanced LIGO detectors. Classical and Quantum Gravity, 2021, 38, 145001. | 1.5 | 38 |
| 5 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3. | 8.2 | 447 |
| 6 | Astrophysics with core-collapse supernova gravitational wave signals in the next generation of gravitational wave detectors. Physical Review D, 2019, 99, . | 1.6 | 28 |
| 7 | Improving astrophysical parameter estimation via offline noise subtraction for Advanced LIGO. Physical Review D, 2019, 99, . | 1.6 | 77 |
| 8 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3. | 8.2 | 808 |
| 9 | Identification and mitigation of narrow spectral artifacts that degrade searches for persistent gravitational waves in the first two observing runs of Advanced LIGO. Physical Review D, 2018, 97, . | 1.6 | 104 |
| 10 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1. | | 2 |
| 11 | Exploring the sensitivity of next generation gravitational wave detectors. Classical and Quantum Gravity, 2017, 34, 044001. | 1.5 | 735 |
| 12 | All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. Physical Review D, 2017, 95, . | 1.6 | 69 |
| 13 | Effects of waveform model systematics on the interpretation of GW150914. Classical and Quantum Gravity, 2017, 34, 104002. | 1.5 | 98 |
| 14 | Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. Physical Review D, 2017, 95, . | 1.6 | 72 |
| 15 | Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, 121101. | 2.9 | 194 |
| 16 | Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, 121102. | 2.9 | 84 |
| 17 | First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. Astrophysical Journal, 2017, 839, 12. | 1.6 | 131 |
| 18 | The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209. | 0.9 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2017, 119, 141101. | 2.9 | 1,600 |
| 20 | 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. | 1.6 | 46 |
| 21 | A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017, 551, 85-88. | 13.7 | 674 |
| 22 | GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101. | 2.9 | 6,413 |
| 23 | Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12. | 3.0 | 2,805 |
| 24 | Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13. | 3.0 | 2,314 |
| 25 | Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2017, 96, . | 1.6 | 73 |
| 26 | All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, . | 1.6 | 64 |
| 27 | 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. | 1.6 | 52 |
| 28 | Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, . | 1.6 | 40 |
| 29 | Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 851, L16. | 3.0 | 189 |
| 30 | Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39. | 3.0 | 156 |
| 31 | 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. | 3.0 | 135 |
| 32 | GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017, 118, 221101. | 2.9 | 1,987 |
| 33 | Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, . | 1.6 | 19 |
| 34 | 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, . | 1.6 | 59 |
| 35 | First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. <i>Physical Review D</i> , 2017, 96, . | 1.6 | 47 |
| 36 | First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. <i>Physical Review D</i> , 2017, 96, . | 1.6 | 60 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40. | 3.0 | 73 |
| 38 | GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 851, L35. | 3.0 | 968 |
| 39 | Exploring a search for long-duration transient gravitational waves associated with magnetar bursts. <i>Classical and Quantum Gravity</i> , 2017, 34, 164002. | 1.5 | 6 |
| 40 | Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001. | 1.5 | 225 |
| 41 | SUPPLEMENT: “THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914” (2016, <i>ApJL</i> , 833, L1). <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 14. | 3.0 | 63 |
| 42 | Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1. | 8.2 | 427 |
| 43 | Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016, 6, . | 2.8 | 106 |
| 44 | 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, . | 1.6 | 31 |
| 45 | THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , 2016, 833, L1. | 3.0 | 230 |
| 46 | Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. <i>Physical Review D</i> , 2016, 94, . | 1.6 | 35 |
| 47 | 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, . | 1.6 | 60 |
| 48 | 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. | 3.0 | 146 |
| 49 | Directly comparing GW150914 with numerical solutions of Einstein’s equations for binary black hole coalescence. <i>Physical Review D</i> , 2016, 94, . | 1.6 | 102 |
| 50 | All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016, 93, . | 1.6 | 29 |
| 51 | 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, . | 1.6 | 17 |
| 52 | First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016, 93, . | 1.6 | 32 |
| 53 | GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, . | 1.6 | 315 |
| 54 | Search for transient gravitational waves in coincidence with short-duration radio transients during 2007–2013. <i>Physical Review D</i> , 2016, 93, . | 1.6 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, . | 1.6 | 92 |
| 56 | GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102. | 2.9 | 269 |
| 57 | GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. Physical Review Letters, 2016, 116, 131103. | 2.9 | 466 |
| 58 | SUPPLEMENT: "LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914" (2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8. | 3.0 | 44 |
| 59 | Observing gravitational-wave transient GW150914 with minimal assumptions. Physical Review D, 2016, 93, . | 1.6 | 119 |
| 60 | Tests of General Relativity with GW150914. Physical Review Letters, 2016, 116, 221101. | 2.9 | 1,224 |
| 61 | Properties of the Binary Black Hole Merger GW150914. Physical Review Letters, 2016, 116, 241102. | 2.9 | 673 |
| 62 | GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. Physical Review Letters, 2016, 116, 241103. | 2.9 | 2,701 |
| 63 | Binary Black Hole Mergers in the First Advanced LIGO Observing Run. Physical Review X, 2016, 6, . | 2.8 | 898 |
| 64 | ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22. | 3.0 | 633 |
| 65 | Observation of Gravitational Waves from a Binary Black Hole Merger. Physical Review Letters, 2016, 116, 061102. | 2.9 | 8,753 |
| 66 | Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1. | | 1 |
| 67 | Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, . | 1.6 | 37 |
| 68 | Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. Physical Review D, 2015, 91, . | 1.6 | 39 |
| 69 | Study of $B_{\hat{t}^i \hat{t}^j} K^i K^j$. Physical Review D, 2015, 91, . | 1.6 | 40 |
| 70 | Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, . | 1.6 | 47 |
| 71 | Characterization of the LIGO detectors during their sixth science run. Classical and Quantum Gravity, 2015, 32, 115012. | 1.5 | 1,029 |
| 72 | Advanced LIGO. Classical and Quantum Gravity, 2015, 32, 074001. | 1.5 | 1,929 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39. | 1.6 | 66 |
| 74 | Multivariate regression analysis of gravitational waves from rotating core collapse. <i>Physical Review D</i> , 2014, 90, . | 1.6 | 17 |
| 75 | The Physics of the B Factories. <i>European Physical Journal C</i> , 2014, 74, 1. | 1.4 | 292 |
| 76 | FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal</i> , Supplement Series, 2014, 211, 7. | 3.0 | 57 |
| 77 | First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014, 90, . | 1.6 | 60 |
| 78 | Measurements of direct CP asymmetries in $B \rightarrow X s_1^3$ decays using sum of exclusive decays. <i>Physical Review D</i> , 2014, 90, . | 1.6 | 11 |
| 79 | Evidence for the decay $B \rightarrow \bar{D}^* \bar{K}^0$ and search for $B \rightarrow \bar{D}^* \bar{K}^*$. <i>Physical Review D</i> , 2014, 89, . | 1.6 | 4 |
| 80 | Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101. | 2.9 | 68 |
| 81 | Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009–2010 LIGO and Virgo Data. <i>Physical Review Letters</i> , 2014, 113, 231101. | 2.9 | 86 |
| 82 | Search for the decay $B \rightarrow D^* \bar{K}^0 + p \bar{p}$. <i>Physical Review D</i> , 2014, 89, . | 1.6 | 4 |
| 83 | Measurement of Collins asymmetries in inclusive production of charged pion pairs in $e^+e^- \rightarrow B \bar{B}$ at BABAR. <i>Physical Review D</i> , 2014, 90, . | 1.6 | 80 |
| 84 | Measurement of the $B \rightarrow D^* \bar{K}^0$ fraction and search for direct CP violation. <i>Physical Review Letters</i> , 2014, 112, www.w3.org/1998/Math/MathML | 2.9 | 78 |
| 85 | Study of the reaction $B \rightarrow D^* \bar{K}^0$. <i>Physical Review Letters</i> , 2014, 112, www.w3.org/1998/Math/MathML | 1.6 | 7 |
| 86 | Search for the decay $B \rightarrow D^* \bar{K}^0$. <i>Physical Review Letters</i> , 2014, 112, www.w3.org/1998/Math/MathML | 1.6 | 77 |
| 87 | Review D, 2014, 89, . 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, . | 1.6 | 29 |
| 88 | 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. | 1.5 | 34 |
| 89 | GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119. | 1.6 | 125 |
| 90 | 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. | 1.5 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | 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. | 1.5 | 42 |
| 92 | 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, . | 1.6 | 28 |
| 93 | Search for Gravitational Waves Associated with γ -ray Bursts Detected by the Interplanetary Network. <i>Physical Review Letters</i> , 2014, 113, 011102. | 2.9 | 32 |
| 94 | 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, . | 1.6 | 35 |
| 95 | 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, . | 1.6 | 29 |
| 96 | Search for lepton-number violating $B \rightarrow X \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2014, 89, . | 1.6 | 25 |
| 97 | The BB detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 729, 115-120. | 0.7 | 148 |
| 98 | Time-integrated luminosity recorded by the BABAR detector at the PEP-II collider. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 729, 121-124. | 0.7 | 148 |
| 99 | 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, . | 1.6 | 92 |
| 100 | Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , 2013, 88, . | 1.6 | 31 |
| 101 | Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. <i>Nature Photonics</i> , 2013, 7, 613-619. | 15.6 | 825 |
| 102 | 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. | 1.9 | 32 |
| 103 | Branching fraction measurement of $B \rightarrow \tau^+ \tau^-$ decays. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 15 |
| 104 | Search for direct Cabibbo-suppressed $B \rightarrow C^+ P^-$ violation in singly produced $B \rightarrow D^+ K^-$ decays. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 9 |
| 105 | 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, . | 1.6 | 31 |
| 106 | Study of $B \rightarrow e^+ e^-$ radiation at BABAR. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 122 |
| 107 | Search for natural linewidth and the $B \rightarrow \tau^+ \tau^-$ decays. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 17 |
| 108 | Search for $B \rightarrow \tau^+ \tau^-$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 113 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Search for CP violation in $B^0 \rightarrow D^* \pi^+ \pi^-$ Mixing Using Partial Reconstruction of $B^0 \rightarrow D^* \pi^+ \pi^-$, “ $\pi^+ \pi^-$,” and a Kaon Tag. Physical Review Letters, 2013, 111, 101802. Measurement of the $B^0 \rightarrow D^* \pi^+ \pi^-$ branching fraction and CP violation in $B^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review Letters, 2013, 111, 101802. | 2.9 | 24 |
| 110 | Meson Width and the $B^0 \rightarrow D^* \pi^+ \pi^-$ branching fraction. Physical Review Letters, 2010, 105, 101802. | 2.9 | 33 |
| 111 | Precision measurement of the $B^0 \rightarrow D^* \pi^+ \pi^-$ branching fraction and CP violation in $B^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review Letters, 2013, 111, 101802. | 1.6 | 74 |
| 112 | Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $B^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review D, 2013, 87, . | 1.6 | 91 |
| 113 | Search for CP violation in the decays $D^0 \rightarrow \pi^+ \pi^-$, $D^0 \rightarrow \pi^+ \pi^-$, and $D^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2013, 87, . | 1.6 | 42 |
| 114 | Search for CP violation in the decays $D^0 \rightarrow \pi^+ \pi^-$, $D^0 \rightarrow \pi^+ \pi^-$, and $D^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2013, 87, . | 1.6 | 11 |
| 115 | Measurement of the $B^0 \rightarrow D^* \pi^+ \pi^-$ branching fraction and CP violation in $B^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review Letters, 2013, 111, 101802. | 1.6 | 63 |
| 116 | Measurement of the $B^0 \rightarrow D^* \pi^+ \pi^-$ branching fraction and CP violation in $B^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review Letters, 2013, 111, 101802. | 1.6 | 41 |
| 117 | Measurement of the $B^0 \rightarrow D^* \pi^+ \pi^-$ branching fraction with semileptonically tagged B mesons. Physical Review D, 2013, 88, . | 1.6 | 9 |
| 118 | Production of charged pions, kaons, and protons in $B^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review D, 2013, 88, . | 1.6 | 49 |
| 119 | Measurement of the mass of the D^0 meson. Physical Review D, 2013, 88, . | 1.6 | 9 |
| 120 | Search for a light Higgs boson decaying to two gluons or $B^0 \rightarrow D^* \pi^+ \pi^-$ in the radiative decays of $B^0 \rightarrow D^* \pi^+ \pi^-$. Physical Review D, 2013, 88, . | | |
| 121 | Search for a light Higgs boson decaying to two gluons or $B^0 \rightarrow D^* \pi^+ \pi^-$ in the radiative decays of $B^0 \rightarrow D^* \pi^+ \pi^-$. Physical Review D, 2013, 88, . | | |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Measurement of $D^0 \rightarrow D^* \bar{D}^0$ mixing and CP violation in two-body D^0 decays. Physical Review D, 2013, 87, . | 1.6 | 34 |
| 128 | Evidence of $B \rightarrow \hat{1}, + \hat{1}/2$ decays with hadronic Btags. Physical Review D, 2013, 88, . | 1.6 | 72 |
| 129 | Measurement of $C \rightarrow P$ -violating asymmetries in $B \rightarrow 0$ decays. Physical Review D, 2013, 88, . | 1.6 | 13 |
| 130 | SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. Astrophysical Journal, Supplement Series, 2012, 203, 28. | 3.0 | 62 |
| 131 | The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002. | 1.5 | 73 |
| 132 | Precise measurement of the $e \rightarrow e$ form factor $\hat{1}$ and $\hat{1}$ form factor $\hat{1}$ in $B \rightarrow 0$ decays. Physical Review D, 2013, 88, . | 1.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Search for lepton-number violating processes in $B \rightarrow \ell \nu \ell'$ decays. Physical Review D, 2012, 85, . | 1.6 | 27 |
| 146 | Amplitude analysis and measurement of the time-dependent $C P$ asymmetry of $B \rightarrow D \pi$ decays. Physical Review D, 2012, 85, . | 1.6 | 19 |
| 147 | Evidence for an excess of $B \rightarrow D \pi$ decays. Physical Review D, 2012, 85, . | 1.6 | 4 |
| 148 | Study of the reaction $B \rightarrow D \pi$ at BABAR. Physical Review D, 2012, 86, . | 1.6 | 731 |
| 149 | Branching fraction of $B \rightarrow D \pi$ decays. Physical Review D, 2012, 86, . | 1.6 | 10 |
| 151 | Improved limits on $B \rightarrow D \pi$ decays to invisible two-photon interactions. Physical Review D, 2012, 86, . | 1.6 | 18 |
| 152 | Search for resonances decaying to $B \rightarrow D \pi$ two-photon interactions. Physical Review D, 2012, 86, . | 1.6 | 22 |
| 153 | Search for the decay $D \rightarrow B \pi$ and measurement of the branching fraction for $D \rightarrow B \pi$. Physical Review D, 2012, 85, . | 1.6 | 23 |
| 154 | First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. Astronomy and Astrophysics, 2012, 541, A155. | 2.1 | 75 |
| 156 | SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. Astrophysical Journal, 2012, 760, 12. | 1.6 | 104 |
| 157 | IMPLICATIONS FOR THE ORIGIN OF GRB 051103 FROM LIGO OBSERVATIONS. Astrophysical Journal, 2012, 755, 2. | 1.6 | 60 |
| 158 | Observation of Time-Reversal Violation in the $B \rightarrow D \pi$ Meson System. Physical Review Letters, 2012, 109, 211801. | 2.9 | 118 |
| 159 | Search for $B \rightarrow D \pi$ decays in events with a fully reconstructed meson. Physical Review D, 2012, 85, 6 | | 1 |
| 160 | All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. Physical Review D, 2012, 85, . | 1.6 | 107 |
| 161 | Measurement of the semileptonic branching fraction of the $B \rightarrow D \pi$ meson. Physical Review D, 2012, 85, . | 1.6 | 12 |
| 162 | Search for gravitational waves from intermediate mass binary black holes. Physical Review D, 2012, 85, . | 1.6 | 48 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Search for $C \rightarrow P$ violation in the decay $B \rightarrow \bar{D}^* K$. Physical Review D, 2012, 85, . | 1.6 | 33 |
| 164 | Observation and study of the baryonic B -meson decays $B \rightarrow D^* p \bar{K}$. Physical Review D, 2012, 85, . | 1.6 | 21 |
| 165 | Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. Physical Review D, 2012, 85, . | 1.6 | 43 |
| 166 | Search for gravitational waves from low mass compact binary coalescence in LIGO's sixth science run and Virgo's science runs 2 and 3. Physical Review D, 2012, 85, . | 1.6 | 185 |
| 167 | Search for the $B \rightarrow \bar{D}^* K$ meson decays to $B \rightarrow \bar{D}^* K$. Physical Review D, 2012, 85, . | 1.6 | 11 |
| 168 | All-sky search for periodic gravitational waves in the full S5 LIGO data. Physical Review D, 2012, 85, . | 1.6 | 66 |
| 169 | Search for the $B \rightarrow \bar{D}^* K$ violation in Dalitz-plot analyses of $B \rightarrow \bar{D}^* K$. Physical Review D, 2012, 85, . | 1.6 | 7 |
| 170 | Search for the $B \rightarrow \bar{D}^* K$ violation in $B \rightarrow \bar{D}^* K$. Physical Review D, 2012, 85, . | 1.6 | 50 |
| 171 | Search for the $B \rightarrow \bar{D}^* K$ violation in $B \rightarrow \bar{D}^* K$. Physical Review D, 2012, 85, . | 1.6 | 39 |
| 172 | Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. Astronomy and Astrophysics, 2012, 539, A124. | 2.1 | 84 |
| 173 | Amplitude analysis of $B \rightarrow \bar{D}^* K$ evidence of direct $C \rightarrow P$ violation in $B \rightarrow \bar{D}^* K$. Physical Review D, 2011, 83, . | 1.6 | 28 |
| 174 | Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \bar{D}^* K$ and $B \rightarrow \bar{D}^* K$ decays. Physical Review D, 2011, 83, . | 1.6 | 8 |
| 175 | Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar. Physical Review D, 2011, 83, . | 1.6 | 54 |
| 176 | Study of radiative bottomonium transitions using converted photons. Physical Review D, 2011, 84, . | 1.6 | 14 |
| 177 | Search for $B \rightarrow \bar{D}^* K$ transitions in $B \rightarrow \bar{D}^* K$ decays. Physical Review D, 2011, 84, . | 1.6 | 12 |
| 178 | Search for CP violation in the decay $D \rightarrow K^* K$. Physical Review D, 2011, 83, . | 1.6 | 23 |
| 179 | Searches for rare or forbidden semileptonic charm decays. Physical Review D, 2011, 84, . | 1.6 | 42 |
| 180 | Studies of $B \rightarrow \bar{D}^* K$ violation in $B \rightarrow \bar{D}^* K$. Physical Review D, 2011, 83, . | 1.6 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Observation of the baryonic and lepton-number violating decays $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$. Physical Review D, 2011, 84, . | 1.6 | 19 |
| 182 | Observation of the baryonic decay $B \rightarrow \Lambda^0 c^+ \bar{K}^0$. Physical Review D, 2011, 84, . | 1.6 | 19 |
| 183 | Observation of the rare decay $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$ and $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$. Physical Review D, 2011, 84, . | 1.6 | 3 |
| 184 | Measurement of the quasi-two-body contributions $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$. Physical Review D, 2011, 84, . | 1.6 | 16 |
| 185 | Measurement of partial branching fractions of inclusive charmless B meson decays to K^+, K^0 , and \bar{K}^0 . Physical Review D, 2011, 83, . | 1.6 | 4 |
| 186 | Study of dipion bottomonium transitions and search for the $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$. Physical Review D, 2011, 83, . | 1.6 | 8 |
| 187 | Search for gravitational waves from binary black hole inspiral, merger, and ringdown. Physical Review D, 2011, 83, . | 1.6 | 85 |
| 188 | Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. Physical Review D, 2011, 83, . | 1.6 | 13 |
| 189 | Evidence for the $h_b(1P)$ meson in the decay $\Upsilon(3S) \rightarrow \Upsilon(1P) \gamma$. Physical Review D, 2011, 84, . | 1.6 | 28 |
| 190 | Study of $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$ and $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$. Physical Review D, 2011, 83, . | 1.6 | 92 |
| 191 | SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. Astrophysical Journal Letters, 2011, 734, L35. | 3.0 | 55 |
| 192 | BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. Astrophysical Journal, 2011, 737, 93. | 1.6 | 89 |
| 193 | Search for Production of Invisible Final States in Single-Photon Decays of $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$. Physical Review D, 2011, 83, . | 2.9 | 49 |
| 194 | Measurement of the $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$ and $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$. Physical Review D, 2011, 83, . | 1.6 | 23 |
| 195 | Branching fraction measurements of the color-suppressed decays $B \rightarrow D^* \tau^+ \nu_\tau$, $D^* \rightarrow D^* \tau^+ \nu_\tau$, and $D^* \rightarrow D^* \tau^+ \nu_\tau$. Physical Review D, 2011, 84, . | 1.6 | 16 |
| 196 | Analysis of the $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$ channel. Physical Review D, 2011, 83, . | 1.6 | 14 |
| 197 | Study of $\Upsilon(3S, 2S) \rightarrow \Upsilon(1S) \gamma$ and $\Upsilon(3S, 2S) \rightarrow \Upsilon(1S) \gamma$ hadronic transitions. Physical Review D, 2011, 84, . | 1.6 | 15 |
| 198 | Measurement of the $B \rightarrow \Lambda^0 \tau^+ \nu_\tau$ form factors. Physical Review D, 2011, 84, . | 1.6 | 100 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | Search for the decay $B \rightarrow \tau^+ \tau^- \nu_\tau$. Physical Review D, 2011, 83, . | 1.6 | 5 |
| 200 | Dalitz plot analysis of $B \rightarrow D^+ D^0 \mu^+ \mu^-$. Physical Review D, 2011, 83, . | 1.6 | 43 |
| 201 | Measurement of the $B \rightarrow \tau^+ \nu_\tau$ branching fractions, the $B \rightarrow \tau^+ \nu_\tau$ form-factor shape determination of $ V_{ub} $. Physical Review D, 2011, 83, . | 1.6 | 29 |
| 202 | Measurements of branching fractions and asymmetries and studies of angular distributions for $B \rightarrow P^+ P^0 \mu^+ \mu^-$. Physical Review D, 2011, 84, . | 1.6 | 9 |
| 203 | Search for Hadronic Decays of a Light Higgs Boson in the Radiative Decay $\gamma \rightarrow \tau^+ \tau^- A_0$. Physical Review Letters, 2011, 107, 221803. | 2.9 | 55 |
| 204 | Search for CP violation using T-odd correlations in $D^+ K^+ K_S^0 \ell^+ \ell^-$ and $D_s^+ K^+ K_S^0 \ell^+ \ell^-$ decays. Physical Review D, 2011, 84, . | 1.6 | 14 |
| 205 | Observation of the Decay $B \rightarrow \tau^+ \nu_\tau \mu^+ \mu^-$. Physical Review Letters, 2011, 107, 041804. | 2.9 | 10 |
| 206 | Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. Physical Review Letters, 2011, 107, 271102. | 2.9 | 94 |
| 207 | SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. Astrophysical Journal, 2010, 715, 1438-1452. | 1.6 | 60 |
| 208 | FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. Astrophysical Journal, 2010, 722, 1504-1513. | 1.6 | 104 |
| 209 | Calibration of the LIGO gravitational wave detectors in the fifth science run. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 624, 223-240. | 0.7 | 120 |
| 210 | Test of Lepton Universality in $B \rightarrow \tau^+ \nu_\tau \mu^+ \mu^-$. Physical Review Letters, 2010, 105, 121801. | 2.9 | 297 |
| 211 | Search for $b \rightarrow \tau^+ \nu_\tau D^+ K^0$ and $D^+ K^0$ decays. Physical Review D, 2010, 82, . | 1.6 | 25 |
| 212 | Evidence for Direct CP Violation in the Measurement of the Cabbibo-Kobayashi-Maskawa Angle β with $B \rightarrow D^+ K^0 \ell^+ \ell^-$ Decays. Physical Review Letters, 2010, 105, 121801. | 2.9 | 56 |
| 213 | Search for Charged Lepton Flavor Violation in Narrow τ Decays. Physical Review Letters, 2010, 104, 151802. | 2.9 | 26 |
| 214 | Measurement of D^0 Mixing Parameters Using $D^0 \rightarrow K_S^0 \ell^+ \ell^-$ and $D^0 \rightarrow K_S^0 K^+ K^-$ Decays. Physical Review Letters, 2010, 105, 081803. | 2.9 | 80 |
| 215 | Measurement of $B \rightarrow \tau^+ \nu_\tau \mu^+ \mu^-$ Decays. Physical Review Letters, 2010, 107, 221803. | 2.9 | 6 |
| 216 | Measurement of $B \rightarrow C^+ P^0 \mu^+ \mu^-$ observables in $B \rightarrow C^+ P^0 \mu^+ \mu^-$ and constraints on the CKM angle x . Physical Review D, 2010, 82, . | 1.6 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 217 | Exclusive production of D_s^+ . Physical Review D, 2010, 81, . | 1.6 | 28 |
| 218 | Measurements of Charged Current Lepton Universality and D_s^+ Decays. Physical Review D, 2010, 81, . | 2.9 | 47 |
| 219 | Searches for Lepton Flavor Violation in the Decays $D_s^+ \rightarrow e^+ \mu^- \nu$ and the Form-Factor Slope in $D_s^+ \rightarrow e^+ \mu^- \nu$. Physical Review D, 2010, 81, . | 2.9 | 67 |
| 220 | Measurement of the branching fractions of $B^0 \rightarrow K^+ K^- \mu^+ \mu^-$ and $B^0 \rightarrow K^+ K^- \mu^+ \mu^- \gamma$. Physical Review D, 2010, 81, . | 2.9 | 421 |
| 221 | Measurement of the branching fractions of $B^0 \rightarrow K^+ K^- \mu^+ \mu^-$ and $B^0 \rightarrow K^+ K^- \mu^+ \mu^- \gamma$. Physical Review D, 2010, 81, . | 1.6 | 16 |
| 222 | Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle α_1 . Physical Review D, 2010, 81, . | 1.6 | 16 |
| 223 | SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685. | 1.6 | 155 |
| 224 | Searching for prompt signatures of nearby core-collapse supernovae by a joint analysis of neutrino and gravitational wave data. Classical and Quantum Gravity, 2010, 27, 084019. | 1.5 | 28 |
| 225 | Search for the rare decay $B \rightarrow K^+ K^- \mu^+ \mu^-$. Physical Review D, 2010, 82, . | 1.6 | 33 |
| 226 | Search for the rare decay $B \rightarrow K^+ K^- \mu^+ \mu^-$. Physical Review D, 2010, 82, . | 1.6 | 26 |
| 227 | Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow c\bar{c} \rightarrow \Lambda^+ \Lambda^- X$. Physical Review D, 2010, 82, . | 1.6 | 2 |
| 228 | Search for B^+ meson decay to $1^+(1260)K^*(892)$. Physical Review D, 2010, 82, . | 1.6 | 6 |
| 229 | Evidence for the decay $B \rightarrow X K^* \mu^+ \mu^-$. Physical Review D, 2010, 82, . | 1.6 | 7 |
| 230 | Search for $B \rightarrow D^+ K^0$ and $B \rightarrow K^0$ decays. Physical Review D, 2010, 82, . | 1.6 | 4 |
| 231 | Search for $B \rightarrow K^+ K^- \mu^+ \mu^-$ against $B \rightarrow K^+ K^- \mu^+ \mu^- \gamma$. Physical Review D, 2010, 81, . | 1.6 | 70 |
| 232 | B -meson decays to $\Lambda^+ \Lambda^- f_0$, and $\Lambda^+ \Lambda^- K^*$. Physical Review D, 2010, 82, . | 1.6 | 11 |
| 233 | Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. Physical Review D, 2010, 82, . | 1.6 | 111 |
| 234 | Observation of the rare decay $B^0 \rightarrow K^+ K^- \mu^+ \mu^-$. Physical Review D, 2010, 82, . | 1.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 235 | Observation of inclusive semileptonic decays into three charged leptons in the decay of D^0 . Physical Review D, 2010, 82, . Measurement of the absolute branching fractions for $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ and extraction of the decay constant F_D . Physical Review D, 2010, 82, . | 1.6 | 5 |
| 236 | Limits on lepton-flavor violating decays into three charged leptons and observation of a new resonance decaying to $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$. Physical Review D, 2010, 82, . | 1.6 | 47 |
| 237 | Study of $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays and determination of F_D . Physical Review D, 2010, 82, . | 1.6 | 122 |
| 238 | Observation of the decay $B^0 \rightarrow \ell^+ \ell^- c + p \bar{A}^- \ell^0$. Physical Review D, 2010, 82, . | 1.6 | 7 |
| 239 | Search for CP violation using T-odd correlations in $D^0 \rightarrow \ell^+ K^+ K^- \ell^-$ decays. Physical Review D, 2010, 81, . | 1.6 | 32 |
| 240 | Study of $B \rightarrow \ell^+ \ell^- X$ decays and determination of F_B . Physical Review D, 2010, 81, . | 1.6 | 72 |
| 241 | All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. Physical Review D, 2010, 81, . | 1.6 | 107 |
| 242 | Search for CP violation using T-odd correlations in $D^0 \rightarrow \ell^+ K^+ K^- \ell^-$ decays. Physical Review D, 2010, 81, . | 1.6 | 23 |
| 243 | Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. Classical and Quantum Gravity, 2010, 27, 173001. | 1.5 | 956 |
| 244 | SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. Astrophysical Journal, 2010, 715, 1453-1461. | 1.6 | 90 |
| 245 | Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow \ell^+ \ell^- X$. Physical Review D, 2010, 81, . | 1.6 | 27 |
| 246 | Measurement of the $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays. Physical Review D, 2010, 81, . | 1.6 | 23 |
| 247 | Measurement of the $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays. Physical Review D, 2010, 81, . | 1.6 | 23 |
| 248 | All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. Physical Review Letters, 2009, 102, 111102. | 2.9 | 83 |
| 249 | Search for Dimuon Decays of a Light Scalar Boson in Radiative Transitions $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$. Physical Review Letters, 2009, 103, 081803. | 2.9 | 153 |
| 250 | Measurement of Semileptonic $B \rightarrow \ell^+ \ell^- X$ Decays into Orbitally Excited Charmed Mesons. Physical Review Letters, 2009, 103, 051803. | 2.9 | 29 |
| 251 | Search for Second-Class Currents in $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$. Physical Review Letters, 2009, 103, 041802. | 2.9 | 9 |
| 252 | Measurements of the semileptonic decays $B \rightarrow \ell^+ \ell^- X$ and $D^0 \rightarrow \ell^+ \ell^- X$. Physical Review Letters, 2009, 103, 041802. | 1.6 | 52 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 253 | Measurement of the form factor. Physical Review D, 2009, 80, 074017. Measurements of the mass and the mass difference of the | 2.9 | 27 |
| 254 | Improved Limits on Lepton-Flavor-Violating Decays to $\mu^+\mu^-$, $\tau^+\tau^-$, K^*K , and K^*K^* . Physical Review Letters, 2009, 103, 021801. | 2.9 | 11 |
| 255 | Measurement of $B^0 \rightarrow K^*(892)^0 \pi^0$ Branching Fractions and CP and Isospin Asymmetries. Physical Review Letters, 2009, 103, 211802. | 2.9 | 32 |
| 260 | Evidence for the $b(1S)$ Meson in Radiative $\Upsilon(2S)$ Decay. Physical Review Letters, 2009, 103, 161801. | 2.9 | 81 |
| 261 | Search for Invisible Decays of the $\Upsilon(3S)$. Physical Review Letters, 2009, 103, 141802. | 2.9 | 18 |
| 262 | Evidence for $X(3872)$. Physical Review Letters, 2009, 103, 151801. | 2.9 | 173 |
| 263 | Direct CP Violation in $B^0 \rightarrow K^* \pi^0$ Decays. Physical Review Letters, 2009, 103, 151801. | 2.9 | 71 |
| 264 | Asymmetries in the Decays $B^0 \rightarrow K^* \pi^0$ and $B^0 \rightarrow K^* \pi^+$. Physical Review Letters, 2009, 103, 151801. | 2.9 | 70 |
| 265 | Dalitz plot analysis of $B^0 \rightarrow K^* \pi^0$ Decays. Physical Review Letters, 2009, 103, 151801. | 2.9 | 4 |
| 266 | Measurement of $B^0 \rightarrow K^* \pi^0$ Decays and Determination of $\sin 2\beta$. Physical Review Letters, 2009, 103, 151801. | 2.9 | 4 |
| 268 | Estimating detection rates for the LIGO-Virgo search for gravitational-wave burst counterparts to gamma-ray bursts using inferred local GRB rates. Classical and Quantum Gravity, 2009, 26, 204017. | 1.5 | 10 |
| 269 | Observation of a kilogram-scale oscillator near its quantum ground state. New Journal of Physics, 2009, 11, 073032. | 1.2 | 123 |
| 270 | An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994. | 13.7 | 303 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 271 | Model-independent search for the decay $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$. Physical Review D, 2009, 80, . | 1.6 | 19 |
| 272 | Observation and polarization measurement of $B \rightarrow a_1(1260) \ell^+ \ell^-$ decay. Physical Review D, 2009, 80, . | 1.6 | 6 |
| 273 | Einstein@Home search for periodic gravitational waves in LIGO S4 data. Physical Review D, 2009, 79, . | 1.6 | 83 |
| 274 | Dalitz plot analysis of $B \rightarrow D^+ \ell^+ \ell^-$. Physical Review D, 2009, 79, . | 1.6 | 49 |
| 275 | Observation of $B \rightarrow \ell^+ \ell^- K^+ K^-$ meson decays to $B \rightarrow \ell^+ \ell^- K^+ K^-$ and improved measurements for $B \rightarrow \ell^+ \ell^- K^+ K^-$ and $B \rightarrow \ell^+ \ell^- K^+ K^-$ | 1.6 | 10 |
| 276 | Search for gravitational-wave bursts in the first year of the fifth LIGO science run. Physical Review D, 2009, 80, . | 1.6 | 79 |
| 277 | LIGO: the Laser Interferometer Gravitational-Wave Observatory. Reports on Progress in Physics, 2009, 72, 076901. | 8.1 | 971 |
| 278 | Branching fractions and CP-violating asymmetries in radiative B decays to $\ell^+ \ell^- K^+ K^-$. Physical Review D, 2009, 79, . | 1.6 | 7 |
| 279 | Constraints on the CKM angle β_3 in $B \rightarrow D^+ D^0 K^+ K^-$ and $B \rightarrow D^0 K^+ K^-$ from a Dalitz analysis of D^0 and D^+ decays to $K^+ K^- \ell^+ \ell^-$. Physical Review D, 2009, 79, . | 1.6 | 13 |
| 280 | Observation of the baryonic B -decay $B \rightarrow \ell^+ \ell^- p \bar{K}^0$. Physical Review D, 2009, 80, . | 1.6 | 5 |
| 281 | Einstein@Home search for periodic gravitational waves in early S5 LIGO data. Physical Review D, 2009, 80, . | 1.6 | 78 |
| 282 | Search for B meson decays to $\ell^+ \ell^- K^+ K^-$, $\ell^+ \ell^- K^+ K^-$, and $\ell^+ \ell^- K^+ K^-$. Physical Review D, 2009, 80, . | 1.6 | 5 |
| 283 | Measurement of the $B \rightarrow \ell^+ \ell^- K^+ K^-$ and $B \rightarrow \ell^+ \ell^- K^+ K^-$ branching fractions. Physical Review D, 2009, 79, . | 1.6 | 12 |
| 284 | Search for the decay $B \rightarrow \ell^+ \ell^- K^+ K^-$. Physical Review D, 2009, 79, . | 1.6 | 13 |
| 285 | Measurement of the semileptonic decays $B \rightarrow D^+ \ell^+ \ell^- K^-$ and $B \rightarrow D^+ \ell^+ \ell^- K^-$. Physical Review D, 2009, 79, . | 1.6 | 18 |
| 286 | Time-dependent amplitude analysis of $B \rightarrow \ell^+ \ell^- K^+ K^-$. Physical Review D, 2009, 80, . | 1.6 | 10 |
| 287 | Angular distributions in the decay $B \rightarrow \ell^+ \ell^- K^+ K^-$. Physical Review D, 2009, 79, . | 1.6 | 12 |
| 288 | Search for Lepton Flavor Violating Decays $\ell^+ \ell^- \ell^+ \ell^-$ with the BABAR Experiment. Physical Review D, 2009, 79, . | 1.6 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 289 | First LIGO search for gravitational wave bursts from cosmic (super)strings. Physical Review D, 2009, 80, . | 1.6 | 45 |
| 290 | Search for gravitational waves from low mass compact binary coalescence in 186 days of LIGO's fifth science run. Physical Review D, 2009, 80, . | 1.6 | 105 |
| 291 | Evidence for $B \rightarrow \pi^0 K^* K^+$. Physical Review D, 2009, 79, . | 1.6 | 7 |
| 292 | Search for $B \rightarrow \pi^0 K^* K^+$ transitions in $B \rightarrow \pi^0 K^* K^+$ decays. Physical Review D, 2009, 80, . | 1.6 | 17 |
| 293 | Measurement of $B \rightarrow \pi^0 K^* K^+$ meson decays to charmless meson pairs containing $B \rightarrow \pi^0 K^* K^+$. Physical Review D, 2009, 79, . | 1.6 | 16 |
| 294 | Measurement of $B \rightarrow \pi^0 K^* K^+$ mixing using the ratio of lifetimes for the decays $B \rightarrow \pi^0 K^* K^+$. Physical Review D, 2009, 79, . | 1.6 | 16 |
| 295 | Dalitz plot analysis of $D_s \rightarrow \pi^0 K^* K^+$. Physical Review D, 2009, 79, . | 1.6 | 38 |
| 296 | Search for B -meson decays to $\pi^0 K^* K^+$. Physical Review D, 2009, 80, . | 1.6 | 7 |
| 297 | Search for gravitational waves from low mass binary coalescences in the first year of LIGO's S5 data. Physical Review D, 2009, 79, . | 1.6 | 120 |
| 298 | Search for the $B \rightarrow \pi^0 K^* K^+$ decays. Physical Review D, 2009, 79, . | 1.6 | 16 |
| 299 | Search for $B \rightarrow \pi^0 K^* K^+$ decays. Physical Review D, 2009, 79, . | 1.6 | 16 |
| 300 | Measurement of the branching fraction and $B \rightarrow \pi^0 K^* K^+$ polarization in $B \rightarrow \pi^0 K^* K^+$. Physical Review D, 2009, 79, . | 1.6 | 15 |
| 301 | Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. Physical Review D, 2009, 80, . | 1.6 | 38 |
| 302 | Measurement of time-dependent $B \rightarrow \pi^0 K^* K^+$ asymmetry in $B \rightarrow \pi^0 K^* K^+$. Physical Review D, 2009, 79, . | 1.6 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 307 | Measurement of CP violation observables and parameters for the decays $B_{\pm}^0 \rightarrow DK^{\pm}$. Physical Review D, 2009, 80, . | 1.6 | 10 |
| 308 | STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. Astrophysical Journal, 2009, 701, L68-L74. | 1.6 | 45 |
| 309 | Observation of the Bottomonium Ground State in the Decay $\Upsilon(3S) \rightarrow \Upsilon b$. Physical Review Letters, 2008, 101, 071801. | 2.9 | 142 |
| 310 | Measurement of the branching fractions of the rare decays $B_0 \rightarrow D_s^* \ell \bar{\nu}_\ell$, $B_0 \rightarrow D_s^* \ell \bar{\nu}_\ell$, and $B_0 \rightarrow D_s^* \ell \bar{\nu}_\ell$. Physical Review D, 2008, 78, . | 1.6 | 11 |
| 311 | Measurement of the mass difference $m(B_0) - m(B^+)$. Physical Review D, 2008, 78, . | 1.6 | 4 |
| 312 | Study of hadronic transitions between B^0 states and observation of $B^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2008, 78, . | 1.6 | 31 |
| 313 | Search for $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2008, 78, . | 1.6 | 15 |
| 314 | Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^+ K_1^0$ decays. Physical Review D, 2008, 77, . | 1.6 | 8 |
| 315 | Dalitz plot analysis of the decay $B_0 \rightarrow K^+ K^- \pi^0$. Physical Review D, 2008, 78, . | 1.6 | 27 |
| 316 | Observation of $B^0 \rightarrow \pi^+ \pi^-$ evidence for $B^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2008, 78, . | 1.6 | 9 |
| 317 | Measurement of $D^0 \rightarrow D^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^+ \pi^-$, $K^+ K^+$, and $\pi^+ \pi^+$. Physical Review D, 2008, 78, . | 1.6 | 37 |
| 318 | Search for gravitational waves associated with 39 gamma-ray bursts using data from the second, third, and fourth LIGO runs. Physical Review D, 2008, 77, . | 1.6 | 60 |
| 319 | Search for $B^0 \rightarrow \pi^+ \pi^-$ decays with hadronic Btags. Physical Review D, 2008, 77, . | 1.6 | 64 |
| 320 | Measurement of time-dependent CP asymmetry in $B^0 \rightarrow X^+ X^-$. Physical Review D, 2008, 78, . | 1.6 | 27 |
| 321 | Search for the rare charmless hadronic decay $B^0 \rightarrow \pi^0 \pi^0$. Physical Review D, 2008, 77, . | 1.6 | 5 |
| 322 | Measurement of the CP-violating asymmetries in $B_0 \rightarrow K_S^0 \pi^0$ and of the branching fraction $B_0 \rightarrow K_S^0 \pi^0$. Physical Review D, 2008, 77, . | 1.6 | 10 |
| 323 | Search for $B^0 \rightarrow X^+ X^-$. Physical Review D, 2008, 78, . | 1.6 | 89 |
| 324 | Search for CP violation in neutral meson Cabibbo-suppressed three-body decays. Physical Review D, 2008, 78, . | 1.6 | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 325 | Improved measurement of the CKM angle β . Study of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 77, . | 1.6 | 77 |
| 326 | Study of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 77, . | 1.6 | 77 |
| 327 | Improved measurement of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 77, . | 1.6 | 77 |
| 328 | Observation of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 77, . | 1.6 | 10 |
| 329 | Measurement of the CKM angle β . Physical Review D, 2008, 78, . | 1.6 | 11 |
| 330 | Measurement of the CKM angle β . Physical Review D, 2008, 77, . | 1.6 | 11 |
| 331 | Time-dependent and time-integrated angular analysis of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 77, . | 1.6 | 116 |
| 332 | All-sky search for periodic gravitational waves in LIGO S4 data. Physical Review D, 2008, 78, . | 1.6 | 45 |
| 333 | Searches for the decays $B \rightarrow \pi^0 \pi^0$. Physical Review D, 2008, 77, . | 1.6 | 110 |
| 334 | Measurements of branching fractions for $B \rightarrow \pi^0 \pi^0$, $B \rightarrow \pi^0 \pi^0$, and $B \rightarrow \pi^0 \pi^0$. Physical Review D, 2008, 77, . | 1.6 | 27 |
| 335 | Search for $B \rightarrow K^* K^*$. Physical Review D, 2008, 78, . | 1.6 | 10 |
| 336 | Observation of $B \rightarrow b_1 K_0$ and search for B-meson decays to $b_1 K_0$. Physical Review D, 2008, 78, . | 1.6 | 5 |
| 337 | Search of S3 LIGO data for gravitational wave signals from spinning black hole and neutron star binary inspirals. Physical Review D, 2008, 78, . | 1.6 | 11 |
| 338 | Measurement of the CKM angle β . Physical Review D, 2008, 77, . | 1.6 | 54 |
| 339 | Search for the decays $B \rightarrow \pi^0 \pi^0$. Physical Review D, 2008, 77, . | 1.6 | 26 |
| 340 | Decay of $B \rightarrow \pi^0 \pi^0$ factors for the decay $B \rightarrow \pi^0 \pi^0$. Physical Review D, 2008, 77, . | 1.6 | 7 |
| 341 | Measurements of the CKM matrix element $ V_{cb} $. Physical Review D, 2008, 77, . | 1.6 | 10 |
| 342 | Measurements of $B \rightarrow \pi^0 \pi^0$. Physical Review D, 2008, 77, . | 1.6 | 163 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 343 | Measurement of the branching fraction, polarization, and asymmetries in $B \rightarrow C^+ P^-$. Physical Review D, 2008, 78, . | 1.6 | 28 |
| 344 | Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^+ \pi^- \gamma$ and $D^0 \rightarrow \pi^+ \pi^- \gamma$. Physical Review D, 2008, 78, . | 1.6 | 15 |
| 345 | Meson decays to $B \rightarrow \bar{c} \ell \nu$ and $B \rightarrow \bar{c} \ell \nu$. Physical Review D, 2008, 78, . | 1.6 | 13 |
| 346 | Search for the highly suppressed decays $B^0 \rightarrow K^+ K^- \pi^0$ and $B^0 \rightarrow K^+ K^- \pi^+$. Physical Review D, 2008, 78, . | 1.6 | 13 |
| 347 | Observation of $B \rightarrow \pi^+ \pi^-$ and search for B^0 decays to $\pi^+ \pi^-$, $\pi^+ \pi^0$, $\pi^0 \pi^0$, and $\pi^0 \pi^+$. Physical Review D, 2008, 78, . | 1.6 | 11 |
| 348 | Astrophysically triggered searches for gravitational waves: status and prospects. Classical and Quantum Gravity, 2008, 25, 114051. | 1.5 | 26 |
| 349 | First joint search for gravitational-wave bursts in LIGO and GEO 600 data. Classical and Quantum Gravity, 2008, 25, 245008. | 1.5 | 22 |
| 350 | A joint search for gravitational wave bursts with AURIGA and LIGO. Classical and Quantum Gravity, 2008, 25, 095004. | 1.5 | 16 |
| 351 | Exclusive Branching-Fraction Measurements of Semileptonic B_c Decays into Three Charged Hadrons, $B_c \rightarrow \bar{c} \ell \nu$, and $B_c \rightarrow \bar{c} \ell \nu$. Physical Review Letters, 2008, 100, 011801. | 2.9 | 64 |
| 352 | Measurement of the Decay $B \rightarrow \bar{c} \ell \nu$. Physical Review Letters, 2008, 100, 231803. | 2.9 | 24 |
| 353 | Study of excited charm-strange baryons with evidence for new baryons Λ_c^+ and Σ_c^+ . Physical Review Letters, 2008, 100, 021801. | 2.9 | 85 |
| 354 | Measurements of Partial Branching Fractions for $B^0 \rightarrow X \pi^+ \pi^-$ and Determination of $ V_{ub} $. Physical Review Letters, 2008, 100, 171802. | 2.9 | 16 |
| 355 | Measurement of the Absolute Branching Fraction of $D^0 \rightarrow K^+ \pi^-$. Physical Review Letters, 2008, 100, 051802. | 2.9 | 9 |
| 356 | Search for CP Violation in the Decays $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2008, 100, 061803. | 2.9 | 65 |
| 357 | Observation of $B \rightarrow a_1(1260) K^0$ and $B^0 \rightarrow a_1(1260) K^+$. Physical Review Letters, 2008, 100, 051803. | 2.9 | 16 |
| 358 | Search for gravitational waves from binary inspirals in S3 and S4 LIGO data. Physical Review D, 2008, 77, . | 1.6 | 126 |
| 359 | Measurement of the spin of the Λ_c^+ . Physical Review Letters, 2008, 100, 153001. | 1.6 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 361 | Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\pm}^0 \rightarrow D^* K_{\pm}^0$ decays. Physical Review D, 2008, 78, . | 1.6 | 11 |
| 362 | Evidence for CP Violation in $B_{\pm}^0 \rightarrow \rho^{\pm} \pi^0$ Decays. Physical Review Letters, 2008, 101, 021801. | 2.9 | 22 |
| 363 | Measurement of the Branching Fractions of Exclusive $B \rightarrow D^* K$ Decays. Physical Review Letters, 2008, 101, 161801. | 1.6 | 10 |
| 364 | Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. Physical Review Letters, 2008, 101, 211102. | 2.9 | 69 |
| 365 | Evidence for direct CP violation from Dalitz-plot analysis of $B \rightarrow \rho^+ \rho^-$ decays. Physical Review Letters, 2008, 101, 161801. | 1.6 | 69 |
| 366 | Measurements of $B \rightarrow D^* K$ Decays. Physical Review Letters, 2008, 101, 161801. | 1.6 | 58 |
| 367 | Observation and Polarization Measurements of $B \rightarrow D^* K$ Decays. Physical Review Letters, 2008, 101, 161801. | 2.9 | 30 |
| 368 | Searches for B Meson Decays to $\tau^+ \tau^- \pi^0$ and $\tau^+ \tau^- \rho^0$ Final States. Physical Review Letters, 2008, 101, 201801. | 2.9 | 13 |
| 369 | Observation of Tree-Level $B \rightarrow D^* K$ Decays with Gluon Radiation. Physical Review Letters, 2008, 100, 171803. | 2.9 | 20 |
| 370 | Measurement of the CP Asymmetry in $B \rightarrow \rho^+ \rho^-$ Using a Sum of Exclusive Final States. Physical Review Letters, 2008, 101, 171804. | 2.9 | 12 |
| 371 | Observation of $B \rightarrow D^* K^* K^0$ and Search for $B \rightarrow D^* K^* K^0$. Physical Review Letters, 2008, 100, 081801. | 2.9 | 25 |
| 372 | Observation of $B \rightarrow D^* K^* K^0$. Physical Review Letters, 2008, 100, 081801. | 2.9 | 133 |
| 373 | Measurements of $B \rightarrow D^* K^* K^0$ Branching Fractions and Determination of $ V_{ub} $ with Semileptonically Tagged B Mesons. Physical Review Letters, 2008, 101, 081801. | 2.9 | 25 |
| 374 | Measurement of the Branching Fractions of $B \rightarrow D^* K^* K^0$ Decays in Events Tagged by a Fully Reconstructed $B \rightarrow D^* K^* K^0$. Physical Review Letters, 2008, 101, 081801. | 2.9 | 36 |
| 375 | Lorentz Violation in $B \rightarrow D^* K^* K^0$ Decays. Physical Review Letters, 2008, 101, 081801. | 2.9 | 56 |
| 376 | Search for Lepton Flavor Violating Decays $B \rightarrow \tau^+ \tau^- \pi^0$. Physical Review Letters, 2008, 100, 071802. | 2.9 | 18 |
| 377 | Study of B Meson Decays with Excited ρ and ω Mesons. Physical Review Letters, 2008, 101, 091801. | 2.9 | 11 |
| 378 | Implications for the Origin of GRB 070201 from LIGO Observations. Astrophysical Journal, 2008, 681, 1419-1430. | 1.6 | 143 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 379 | Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. <i>Astrophysical Journal</i> , 2008, 683, L45-L49. | 1.6 | 160 |
| 380 | Search for gravitational-wave bursts in LIGO data from the fourth science run. <i>Classical and Quantum Gravity</i> , 2007, 24, 5343-5369. | 1.5 | 78 |
| 381 | Study of $B \rightarrow K^* \ell^+ \ell^-$ and constraints on the CKM angle $\arg(V_{cb} V_{cs}^*)$ and $\arg(V_{ub} V_{ub}^*)$. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 81 |
| 382 | Amplitude Analysis of the $B \rightarrow K^* \ell^+ \ell^-$ Decay. <i>Physical Review Letters</i> , 2007, 99, 201802. | 2.9 | 28 |
| 383 | Observation of the Decay $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007, 99, 221801. | 2.9 | 29 |
| 384 | Improved Limits on the Lepton-Flavor Violating Decays $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007, 99, 251803. | 2.9 | 43 |
| 385 | Evidence for Charged Meson Decays $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007, 99, 251803. | 2.9 | 16 |
| 386 | Measurement of $B \rightarrow K^* \ell^+ \ell^-$ -violating asymmetries in $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007, 99, 251803. | 2.9 | 30 |
| 387 | Measurements of $B \rightarrow K^* \ell^+ \ell^-$ branching fractions of Cabibbo-suppressed decay modes involving $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2007, 75, . | 1.6 | 10 |
| 388 | Search for $B \rightarrow K^* \ell^+ \ell^-$ transitions in $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 6 |
| 389 | Search for $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 40 |
| 390 | Upper limits on gravitational wave emission from 78 radio pulsars. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 121 |
| 391 | 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. | 2.9 | 104 |
| 392 | Observation of a Charmed Baryon Decaying to $D^0 p$ at a Mass Near $2.94 \text{ GeV}/c^2$. <i>Physical Review Letters</i> , 2007, 98, 012001. | 2.9 | 114 |
| 393 | Evidence for the Rare Decay $B \rightarrow K^* D_s^+ \ell^-$. <i>Physical Review Letters</i> , 2007, 98, . | 2.9 | 6 |
| 394 | Measurement of the CP Asymmetry and Branching Fraction of $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007, 98, 051803. | 2.9 | 6 |
| 395 | Improved Measurement of CP Violation in Neutral B Decays to $cc\bar{c}$. <i>Physical Review Letters</i> , 2007, 99, 171803. | 2.9 | 34 |
| 396 | Search for the Decay $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007, 99, 201801. | 2.9 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 397 | Amplitude analysis of the decay $D^0 \rightarrow K^+ K^-$. Physical Review D, 2007, 76, . | 1.6 | 31 |
| 398 | Evidence of a Broad Structure at an Invariant Mass of $4.32 \pm 0.06 \text{ GeV}/c^2$ in the Reaction $e^+ e^- \rightarrow \tau^+ \tau^- \tau^+ \tau^- (2S)$ Measured at BABAR. Physical Review Letters, 2007, 98, 212001. | 2.9 | 247 |
| 399 | Observation of Decays $B^0 \rightarrow D_s^{(*)+} \tau^-$ and $B^0 \rightarrow D_s^{(*)-} \tau^+$. Physical Review Letters, 2007, 98, 081801. | 2.9 | 9 |
| 400 | Measurement of the Time-Dependent CP Asymmetry in $B^0 \rightarrow DCP^{(*)} h^0$ Decays. Physical Review Letters, 2007, 99, 081801. | 2.9 | 8 |
| 401 | Observation of $C \rightarrow P$ Violation in $B \rightarrow O$. Physical Review Letters, 2007, 99, 021603. | 2.9 | 59 |
| 402 | Measurement of the Pseudoscalar Decay Constant f_{D_s} Using Charm-Tagged Events in $e^+ e^-$ Collisions at $\sqrt{s} = 10.58 \text{ GeV}$. Physical Review Letters, 2007, 98, 141801. | 2.9 | 41 |
| 403 | Search for Lepton Flavor Violating Decays $\tau \rightarrow \ell \nu \tau$, $\tau \rightarrow \ell \nu \tau$, $\tau \rightarrow \ell \nu \tau$. Physical Review Letters, 2007, 98, 061803. | 2.9 | 42 |
| 404 | Measurement of $\cos \delta_2$ in $B^0 \rightarrow D^{(*)} h^0$ Decays with a Time-Dependent Dalitz Plot Analysis of $D^+ \rightarrow K^0 \tau^+ \tau^-$. Physical Review Letters, 2007, 99, 231802. | 2.9 | 20 |
| 405 | Measurement of CP Violation Parameters with a Dalitz Plot Analysis of $B^+ \rightarrow D^0 \tau^+ \tau^-$. Physical Review Letters, 2007, 99, 251801. | 2.9 | 39 |
| 406 | Vector-Tensor and Vector-Vector Decay Amplitude Analysis of $B^0 \rightarrow \tau^+ \tau^- K^0$. Physical Review Letters, 2007, 98, 051801. | 2.9 | 41 |
| 407 | Measurement of Branching Fractions and Mass Spectra of $B^+ \rightarrow K^0 \tau^+ \tau^-$. Physical Review Letters, 2007, 98, 211804. | 2.9 | 14 |
| 408 | Evidence for $D^0 \rightarrow D^0$ Mixing. Physical Review Letters, 2007, 98, 211802. | 2.9 | 205 |
| 409 | Production and Decay of $B^0 \rightarrow D^0 \tau^+ \tau^-$. Physical Review Letters, 2007, 99, 062001. | 2.9 | 13 |
| 410 | Measurement of the $B^0 \rightarrow \tau^+ \tau^-$ Form-Factor Shape and Branching Fraction, and Determination of $ V_{ub} $ with a Loose Neutrino Reconstruction Technique. Physical Review Letters, 2007, 98, 091801. | 2.9 | 55 |
| 411 | Evidence for $B^0 \rightarrow D^0$ Decays and Implications for the Cabibbo-Kobayashi-Maskawa Angle ϕ_1 . Physical Review Letters, 2007, 98, 111801. | 2.9 | 12 |
| 412 | Observation of $B^+ \rightarrow \tau^+ K^0$ and Evidence for $B^+ \rightarrow \tau^+ K^+$. Physical Review Letters, 2007, 98, 051802. | 2.9 | 7 |
| 413 | Branching Fraction Measurements of $B^+ \rightarrow \tau^+ K^0$, $B^0 \rightarrow \tau^0 K^0$, and $B^0 \rightarrow \tau^0 K^+$. Physical Review Letters, 2007, 98, 151802. | 2.9 | 23 |
| 414 | Measurement of CP-Violating Asymmetries in $B^0 \rightarrow D^{(*)} \tau^+ \tau^-$. Physical Review Letters, 2007, 99, 071801. | 2.9 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 415 | Measurements of CP-Violating Asymmetries in $B^0 \rightarrow \pi^+ \pi^- K^0$ Decays. Physical Review Letters, 2007, 98, 181803. | 2.9 | 32 |
| 416 | Observation of CP Violation in $B^0 \rightarrow \pi^+ \pi^- K^0$ Decays. Physical Review Letters, 2007, 98, 031801. | 2.9 | 29 |
| 417 | Observation of B Meson Decays to $b1 \rightarrow \pi^+ \pi^- K^0$. Physical Review Letters, 2007, 99, 241803. | 2.9 | 18 |
| 418 | Evidence for the $B^0 \rightarrow \pi^+ \pi^- K^0$ and $B^0 \rightarrow \pi^+ \pi^- K^*$ decays and study of the decay dynamics of B meson decays into $\pi^+ \pi^-$ final states. Physical Review D, 2007, 76, . | 1.6 | 30 |
| 419 | Measurement of the hadronic form factor in $B \rightarrow \pi^+ \pi^- K^0$ decays. Physical Review D, 2007, 76, . | 1.6 | 52 |
| 420 | First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. Physical Review D, 2007, 76, . | 1.6 | 35 |
| 421 | Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. Astrophysical Journal, 2007, 659, 918-930. | 1.6 | 120 |
| 422 | Measurement of decay amplitudes of $B \rightarrow \pi^+ \pi^- K^0$ decays. Physical Review D, 2007, 76, . | 1.6 | 37 |
| 423 | Observation of $B \rightarrow \pi^+ \pi^- K^0$ and measurement of its branching fraction and charge asymmetry. Physical Review D, 2007, 76, . | 1.6 | 8 |
| 424 | Study of $B \rightarrow \pi^+ \pi^- K^0$ decays. Physical Review D, 2007, 76, . | 1.6 | 49 |
| 425 | Study of the exclusive initial-state-radiation production of the $B \rightarrow \pi^+ \pi^- K^0$ system. Physical Review D, 2007, 76, . | 1.6 | 84 |
| 426 | Inclusive $c \rightarrow s$ production in $e^+ e^-$ annihilations at $\sqrt{s} = 10.54$ GeV and $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. Physical Review D, 2007, 76, . | 1.6 | 16 |
| 427 | Measurement of the $B^0 \rightarrow \pi^+ \pi^- K^0$ branching fraction. Physical Review D, 2007, 76, . | 1.6 | 45 |
| 428 | Search for prompt production of $B^0 \rightarrow \pi^+ \pi^- K^0$ in $e^+ e^-$ annihilations. Physical Review D, 2007, 76, . | 1.6 | 2 |
| 429 | Measurement of the relative branching fractions of $B \rightarrow \pi^+ \pi^- K^0$ decays. Physical Review D, 2007, 76, . | 1.6 | 13 |
| 430 | Search for neutral B-meson decays to $a_0 K^0$, f_0 , and f_2 . Physical Review D, 2007, 75, . | 1.6 | 11 |
| 431 | Search for neutral B-meson decays to $a_0 K^0$, f_0 , and f_2 . Physical Review D, 2007, 75, . | 1.6 | 11 |
| 432 | Measurement of CP Asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. Physical Review D, 2007, 76, . | 1.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 433 | Search for $D^0 \rightarrow D^0$ mixing using doubly flavor tagged semileptonic decay modes. Physical Review D, 2007, 76, . | 1.6 | 29 |
| 434 | Search for the reaction $e^+e^- \rightarrow \tau^+\tau^- + \bar{\nu}_\tau \nu_\tau$, $e^+e^- \rightarrow \tau^+\tau^- + \nu_\tau \bar{\nu}_\tau$. Physical Review D, 2007, 75, . | 1.6 | 9 |
| 435 | Measurements of the branching fractions of $B^0 \rightarrow K^* K^0$, $B^0 \rightarrow K^* \bar{K}^0$, $B^0 \rightarrow K^* K^0$, and $B^0 \rightarrow K^* \bar{K}^0$. Physical Review D, 2007, 76, . | 1.6 | 12 |
| 436 | Search for $B^0 \rightarrow \tau^+(K^0)$ decays with large K^0 invariant mass. Physical Review D, 2007, 76, . | 1.6 | 14 |
| 437 | Searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: Results from the second LIGO science run. Physical Review D, 2007, 76, . | 1.6 | 128 |
| 438 | $\langle m_{\text{eff}} \rangle = \frac{1}{\sqrt{2}} \sqrt{m_{\text{eff}}^2 + m_{\text{eff}}^2}$ Physical Review D, 2007, 76, . | 1.6 | 100 |
| 439 | Upper limit map of a background of gravitational waves. Physical Review D, 2007, 76, . | 1.6 | 90 |
| 440 | Measurement of the $B^0 \rightarrow \tau^+ \nu_\tau$ branching fraction and direct CP asymmetry. Physical Review D, 2007, 75, . | 1.6 | 13 |
| 441 | Improved measurement of time-dependent C and P asymmetries and the C -odd fraction in the $B^0 \rightarrow \tau^+ \nu_\tau$ decay. Physical Review D, 2007, 75, . | 1.6 | 8 |
| 442 | Measurement of C and P asymmetries in $B^0 \rightarrow \tau^+ \nu_\tau$ decays. Physical Review D, 2007, 76, . | 1.6 | 5 |
| 443 | Branching fraction measurement of $B^0 \rightarrow \tau^+ D^0$ and $B^0 \rightarrow \tau^+ \bar{D}^0$ and isospin analysis of $B^0 \rightarrow \tau^+ D^0$ decays. Physical Review D, 2007, 75, . | 1.6 | 14 |
| 444 | Improved measurements of the branching fractions for $B^0 \rightarrow \tau^+ \bar{K}^0$ and $B^0 \rightarrow \tau^+ K^0$, and a search for $B^0 \rightarrow \tau^+ K^0$. Physical Review D, 2007, 75, . | 1.6 | 39 |
| 445 | Branching fraction and charge asymmetry measurements in $B^0 \rightarrow \tau^+ \bar{K}^0$ decays. Physical Review D, 2007, 76, . | 1.6 | 13 |
| 446 | Study of inclusive B^0 and B^0 decays to flavor-tagged D , D_s , and $\bar{c} +$. Physical Review D, 2007, 75, . | 1.6 | 10 |
| 447 | Measurement of B decays to $\bar{c} K^0$. Physical Review D, 2007, 75, . | 1.6 | 9 |
| 448 | Study of B decays to $\bar{c} K^0$. Physical Review D, 2007, 75, . | 1.6 | 117 |
| 449 | Search for gravitational wave radiation associated with the pulsating tail of the SGR 1806-20. Physical Review D, 2007, 76, . | 1.6 | 51 |
| 450 | The B decays to $\bar{c} K^0$. Physical Review D, 2007, 76, . | 1.6 | 46 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 451 | An electromagnetic calorimeter for the silicon detector concept. <i>Pramana - Journal of Physics</i> , 2007, 69, 1025-1030. | 0.9 | 4 |
| 452 | 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. | 0.7 | 6 |
| 453 | 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^3 . <i>Physical Review D</i> , 2006, 73, . | 1.6 | 22 |
| 454 | Study of the decay $B^0 \rightarrow D^{*+} K^0$. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 14 |
| 455 | Search for the decay $B^0 \rightarrow K^0 K^0$. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 4 |
| 456 | Search for gravitational waves from binary black hole inspirals in LIGO data. <i>Physical Review D</i> , 2006, 73, . | 1.6 | 75 |
| 457 | Measurement of the $D^+ \rightarrow \pi^0 K^+$ and $D^+ \rightarrow K^+ \pi^0$ branching fractions. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 10 |
| 458 | Measurement of the $B^0 \rightarrow K^+ K^-$ branching fraction. <i>Physical Review D</i> , 2006, 73, . | 1.6 | 8 |
| 459 | Precise branching ratio measurements of the decays $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ relative to the $D^0 \rightarrow K^+ \pi^-$ decay. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 8 |
| 460 | Branching fraction measurements of charged B decays to $K^+ K^+ K^-$, $K^+ \pi^+ K^-$, $K^+ K^0 \pi^0$ and $K^+ \pi^+ \pi^0$ final states. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 12 |
| 461 | Searches for B decays to $K^0 K^0$, $K^0 \pi^0$, $K^0 \pi^+ \pi^-$, and $K^0 \pi^0 \pi^0$. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 12 |
| 462 | Study of the $X(3872)$ and $Y(4260)$ in $B^0 \rightarrow J/\psi \pi^0 K^0$ and $B^0 \rightarrow J/\psi \pi^+ K^-$ decays. <i>Physical Review D</i> , 2006, 73, . | 1.6 | 84 |
| 463 | The $e^+ e^- \rightarrow 3(\pi^+ \pi^-)$, $2(\pi^+ \pi^- \pi^0)$ and $K^+ K^- 2(\pi^+ \pi^-)$ 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, . | 1.6 | 128 |
| 464 | Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 10 |
| 465 | Search for rare quark-annihilation decays, $B^0 \rightarrow D_s^{(*)} \pi^0$. <i>Physical Review D</i> , 2006, 73, . | 1.6 | 8 |
| 466 | Study of the $D_s^{*+}(2317)$ and $D_s(2460)$ mesons in inclusive $e^+ e^- \rightarrow c \bar{c}$ production near $\sqrt{s} = 10.6$ GeV. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 48 |
| 467 | Search for the rare decays $B^0 \rightarrow D_s^{(*)} a_0(2) \pi^0$. <i>Physical Review D</i> , 2006, 73, . | 1.6 | 6 |
| 468 | Search for the decay of a B or B^0 meson to $K^+ K^0$ or $K^0 K^0$. <i>Physical Review D</i> , 2006, 74, . | 1.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 469 | Measurements of CP-violating asymmetries and branching fractions in B decays to $K\pi$. Physical Review D, 2006, 74, . | 1.6 | 11 |
| 470 | Branching fraction limits for B_0 decays to \bar{D}^0 and D^0 . Physical Review D, 2006, 73, . | 1.6 | 12 |
| 471 | Measurement of $B^0 \rightarrow D^{(*)} K^0$ branching fractions. Physical Review D, 2006, 74, . | 1.6 | 17 |
| 472 | Measurement of the ratio $B(B \rightarrow \bar{D}^0 X_{e1/2})/B(B \rightarrow D^0 X_{e1/2})$. Physical Review D, 2006, 74, . | 1.6 | 8 |
| 473 | Measurement of branching fractions in radiative B decays to $\bar{K}^0 K^0$ and search for B decays to $\bar{K}^0 K^0$. Physical Review D, 2006, 74, . | 1.6 | 11 |
| 474 | Search for doubly charmed baryons Σ_{cc}^+ and Ξ_{cc}^{++} in BABAR. Physical Review D, 2006, 74, . | 1.6 | 135 |
| 475 | Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. Physical Review D, 2006, 73, . | 1.6 | 40 |
| 476 | Measurements of the $B^0 \rightarrow D^* e^+ e^-$ form factors using the decay $B^0 \rightarrow D^* e^+ e^-$. Physical Review D, 2006, 74, . | 1.6 | 22 |
| 477 | Search for $B \rightarrow \bar{D}^0 \pi^+$ and $B \rightarrow D^0 \pi^0$ decays. Physical Review D, 2006, 74, . | 1.6 | 15 |
| 478 | Measurements of the decays $B^0 \rightarrow D^0 \pi^+ \pi^-$, $B^0 \rightarrow D^+ \pi^-$, $B^0 \rightarrow D^0 \pi^+ \pi^-$, and $B^0 \rightarrow D^+ \pi^-$. Physical Review D, 2006, 74, . | 1.6 | 20 |
| 479 | Study of $B^0 \rightarrow D^{(*)} D_s(J)^0$ decays and measurement of $D_s^* \rightarrow D_s \pi^0$ and $D_s(2460) \rightarrow D_s \pi^0$ branching fractions. Physical Review D, 2006, 74, . | 1.6 | 30 |
| 480 | Precise measurement of neutrino and antineutrino differential cross sections. Physical Review D, 2006, 74, . | 1.6 | 136 |
| 481 | Search for the decay $B \rightarrow \bar{D}^0 \pi^+ \pi^-$. Physical Review D, 2006, 73, . | 1.6 | 12 |
| 482 | Observation of the exclusive reaction $e^+ e^- \rightarrow \bar{D}^0 \pi^+ \pi^-$ at $\sqrt{s} = 10.58$ GeV. Physical Review D, 2006, 74, . | 1.6 | 9 |
| 483 | Search for B meson decays to $\bar{D}^0 K$. Physical Review D, 2006, 74, . | 1.6 | 4 |
| 484 | Search for $B \rightarrow X(3872) K^+$, $X(3872) \rightarrow \bar{D}^0 \pi^0$. Physical Review D, 2006, 74, . | 1.6 | 113 |
| 485 | Search for the decay $B^0 \rightarrow a_1 \pi^0$. Physical Review D, 2006, 74, . | 1.6 | 13 |
| 486 | Measurement of CP observables for the decays $B^0 \rightarrow D^0 K^0$. Physical Review D, 2006, 73, . | 1.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 487 | Search for the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 2006, 73, . | 1.6 | 4 |
| 488 | B-meson decays to $K^* \pi^0$, $\rho^0 \pi^0$, $\rho^0 \pi^+$, and $\rho^0 \pi^-$. Physical Review D, 2006, 74, . | 1.6 | 14 |
| 489 | Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454. | 10.3 | 974 |
| 490 | Search for gravitational-wave bursts in LIGO's third science run. Classical and Quantum Gravity, 2006, 23, S29-S39. | 1.5 | 40 |
| 491 | Measurement of Branching Fractions and Resonance Contributions for $B^0 \rightarrow D^+ K^-$ and Search for $B^0 \rightarrow D^+ K^-$ Decays. Physical Review Letters, 2006, 96, 011803. | 2.9 | 15 |
| 492 | Measurement of the Spin of the Λ^0 Hyperon. Physical Review Letters, 2006, 97, 112001. | 2.9 | 28 |
| 493 | Observation of e^+e^- Annihilation into the $C=+1$ Hadronic Final States $\rho^0 \pi^0$ and $\rho^0 \pi^+$. Physical Review Letters, 2006, 97, 112002. | 2.9 | 9 |
| 494 | Observation of $B^+ \rightarrow K^+ K^-$ and $B^0 \rightarrow K^0 K^+$. Physical Review Letters, 2006, 97, 171805. | 2.9 | 58 |
| 495 | Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. Physical Review D, 2006, 73, . | 1.6 | 44 |
| 496 | Measurements of the Absolute Branching Fractions of $B^{\pm} \rightarrow K^{\pm} X_{cc}^-$. Physical Review Letters, 2006, 96, 052002. | 2.9 | 71 |
| 497 | Measurement of Branching Fractions and Charge Asymmetries in B Decays to an η -Meson and a K^* -Meson. Physical Review Letters, 2006, 97, 201802. | 2.9 | 22 |
| 498 | Measurements of neutral B decay branching fractions to $K_S^0 \pi^+ \pi^-$ final states and the charge asymmetry of $B^0 \rightarrow K^* \pi^+$. Physical Review D, 2006, 73, . | 1.6 | 26 |
| 499 | Measurement of the B^0 -lifetime and the $B^0 B^0$ oscillation frequency using partially reconstructed $B^0 \rightarrow D^* \pi^+$, $B^0 \rightarrow D^* \pi^0$, $B^0 \rightarrow D^* \pi^-$ decays. Physical Review D, 2006, 73, . | 1.6 | 16 |
| 500 | Measurements of Branching Fractions, Polarizations, and Direct CP-Violation Asymmetries in $B^+ \rightarrow K^* \pi^+$ and $B^+ \rightarrow \rho(980) K^+$ Decays. Physical Review Letters, 2006, 97, 201801. | 2.9 | 46 |
| 501 | Observation of $\eta(4S)$ Decays to $\pi^+ \pi^- \eta(1S)$ and $\pi^+ \pi^- \eta(2S)$. Physical Review Letters, 2006, 96, 232001. | 2.9 | 42 |
| 502 | Study of $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$ using initial state radiation with BABAR. Physical Review D, 2006, 73, . | 1.6 | 207 |
| 503 | Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ Branching Fraction and Determination of $ V_{ub} $ with Tagged B Mesons. Physical Review Letters, 2006, 97, 211801. | 2.9 | 37 |
| 504 | Observation of an Excited Charm Baryon $\Lambda_c^* \rightarrow \Lambda_c^0 \pi^+$. Physical Review Letters, 2006, 97, 232001. | 2.9 | 102 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 505 | Observation of $B \rightarrow \tau^+ \tau^- K$ and Evidence for $B \rightarrow \tau^+ \tau^- K$ below \sqrt{s} Threshold. Physical Review Letters, 2006, 97, 261802. | 2.9 | 4 |
| 506 | Search for $D^0 \rightarrow D^0$ Mixing and Branching-Ratio Measurement in the Decay $D^0 \rightarrow K^+ K^- \pi^0$. Physical Review Letters, 2006, 97, 221803. | 2.9 | 18 |
| 507 | Search for Lepton Flavor Violation in the Decay $\tilde{l}_i \rightarrow e \tilde{l}_j$. Physical Review Letters, 2006, 96, 041801. | 2.9 | 98 |
| 508 | Measurements of Branching Fraction, Polarization, and Charge Asymmetry of $B^0 \rightarrow \tau^+ \tau^- \pi^0$ and a Search for $B^0 \rightarrow \tau^+ \tau^- \pi^0(980)$. Physical Review Letters, 2006, 97, 261801. | 2.9 | 23 |
| 509 | Dalitz plot analysis of the decay $B^0 \rightarrow K^+ K^- K^0$. Physical Review D, 2006, 74, . | 1.6 | 63 |
| 510 | Measurement of the ρ and ω transition form factors at $q^2 = 112 \text{ MeV}^2$. Physical Review D, 2006, 74, . | 1.6 | 67 |
| 511 | Measurement of the absolute branching fractions $B^0 \rightarrow D^0 \pi^0, D^0 \pi^+, D^0 \pi^-$ with a missing mass method. Physical Review D, 2006, 74, . | 1.6 | 13 |
| 512 | Measurement of the Branching Fraction and Photon Energy Moments of $B^0 \rightarrow X s \gamma^3$ and $ACP(B^0 \rightarrow X s + d \gamma^3)$. Physical Review Letters, 2006, 97, 171803. | 2.9 | 58 |
| 513 | Observation of a New D_s Meson Decaying to DK at a Mass of $2.86 \text{ GeV}/c^2$. Physical Review Letters, 2006, 97, 222001. | 2.9 | 139 |
| 514 | Determinations of $ V_{ub} $ from Inclusive Semileptonic B Decays with Reduced Model Dependence. Physical Review Letters, 2006, 96, 221801. | 2.9 | 23 |
| 515 | Search for the Rare Decay $B^0 \rightarrow \tau^+ \tau^- \pi^0$ at BABAR. Physical Review Letters, 2006, 96, 241802. | 2.9 | 34 |
| 516 | Observation of B^0 Meson Decay to $1A_{\pm}(1260) \pi^{\pm}$. Physical Review Letters, 2006, 97, 051802. | 2.9 | 42 |
| 517 | Search For T, CP , and CPT Violation in $B^0 \rightarrow B^0$ Mixing with Inclusive Dilepton Events. Physical Review Letters, 2006, 96, 251802. | 2.9 | 71 |
| 518 | Fine grained silicon-tungsten calorimetry for a linear collider detector. IEEE Transactions on Nuclear Science, 2005, 52, 868-873. | 1.2 | 6 |
| 519 | Limits on Gravitational-Wave Emission from Selected Pulsars Using LIGO Data. Physical Review Letters, 2005, 94, 181103. | 2.9 | 130 |
| 520 | Measurement of Time-Dependent CP Asymmetries and the CP -Odd Fraction in the Decay $B^0 \rightarrow D^* + D^*$. Physical Review Letters, 2005, 95, 151804. | 2.9 | 10 |
| 521 | Search for the Rare Leptonic Decay $B^0 \rightarrow \tau^+ \tau^- \pi^0$. Physical Review Letters, 2005, 95, 041804. | 2.9 | 17 |
| 522 | Determination of $ V_{ub} $ from Measurements of the Electron and Neutrino Momenta in Inclusive Semileptonic B Decays. Physical Review Letters, 2005, 95, 111801. | 2.9 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 523 | Measurement of the Branching Fraction of $B \rightarrow D^* \pi^0$. Physical Review Letters, 2005, 95, 042001. | 2.9 | 15 |
| 524 | Measurements of the Branching Fraction and CP-Violation Asymmetries in $B \rightarrow D^* \rho(980) K^0$. Physical Review Letters, 2005, 94, 041802. | 2.9 | 20 |
| 525 | Limit on the $B \rightarrow D^* \pi^0$ Branching Fraction and Implications for the Cabibbo-Kobayashi-Maskawa Angle β . Physical Review Letters, 2005, 94, 131801. | 2.9 | 21 |
| 526 | Upper Limits on a Stochastic Background of Gravitational Waves. Physical Review Letters, 2005, 95, 221101. | 2.9 | 89 |
| 527 | Branching Fraction and CP Asymmetries of $B \rightarrow D^* K^0 K^0 K^0$. Physical Review Letters, 2005, 95, 011801. | 2.9 | 12 |
| 528 | Upper limits on gravitational wave bursts in LIGO's second science run. Physical Review D, 2005, 72, . | 1.6 | 57 |
| 529 | Improved Measurement of CP Asymmetries in $B \rightarrow D^* (c\bar{c}) K^0 (*)$ Decays. Physical Review Letters, 2005, 94, 161803. | 2.9 | 95 |
| 530 | Measurement of time-dependent CP-violating asymmetries and constraints on $\sin 2\beta$ with partial reconstruction of $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2005, 71, . | 1.6 | 24 |
| 531 | Search for gravitational waves from primordial black hole binary coalescences in the galactic halo. Physical Review D, 2005, 72, . | 1.6 | 79 |
| 532 | Observation of a Broad Structure in the J/ψ Mass Spectrum around $4.26 \text{ GeV}/c^2$. Physical Review Letters, 2005, 95, 142001. | 2.9 | 650 |
| 533 | Measurement of Time-Dependent CP Asymmetries in $B \rightarrow D^* D^* (\pi^0) D^* (\pi^0)$ Decays. Physical Review Letters, 2005, 95, 131802. | 2.9 | 7 |
| 534 | Search for Radiative Penguin Decays $B \rightarrow D^* \pi^0 \pi^0$, $B \rightarrow D^* \pi^0 \pi^0$, and $B \rightarrow D^* \pi^0 \pi^0$. Physical Review Letters, 2005, 94, 011801. | 2.9 | 12 |
| 535 | Direct Measurements of B and \bar{B} Using Vertex and Kaon Charge Tags at the SLAC Detector. Physical Review Letters, 2005, 94, 091801. | 2.9 | 4 |
| 536 | Production and Decay of $\psi(3720)$ at BABAR. Physical Review Letters, 2005, 95, 142003. | 2.9 | 11 |
| 537 | Measurement of Branching Fractions and Charge Asymmetries for Exclusive B Decays to Charmonium. Physical Review Letters, 2005, 94, 141801. | 2.9 | 36 |
| 538 | Improved Measurements of CP-Violating Asymmetry Amplitudes in $B \rightarrow D^* \pi^0 \pi^0$ Decays. Physical Review Letters, 2005, 95, 151803. | 2.9 | 29 |
| 539 | Measurement of Branching Fractions and Charge Asymmetries in $B \rightarrow D^* \pi^0 \pi^0$, $B \rightarrow D^* \pi^0 \pi^0$, and $B \rightarrow D^* \pi^0 \pi^0$, and Search for $B \rightarrow D^* \pi^0 \pi^0$ and $B \rightarrow D^* \pi^0 \pi^0$. Physical Review Letters, 2005, 95, 131803. | 2.9 | 17 |
| 540 | Measurements of Branching Fractions and Time-Dependent CP-Violating Asymmetries in $B \rightarrow D^* \pi^0 K$ Decays. Physical Review Letters, 2005, 94, 191802. | 2.9 | 39 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 541 | Search for Lepton Flavor Violation in the Decay $B \rightarrow \mu^+ \tau^- \nu_\mu \nu_\tau$. Physical Review Letters, 2005, 95, 041802. | 2.9 | 124 |
| 542 | Search for gravitational waves associated with the gamma ray burst GRB030329 using the LIGO detectors. Physical Review D, 2005, 72, . | 1.6 | 74 |
| 543 | Improved Measurement of the Cabibbo-Kobayashi-Maskawa Angle $\hat{\Gamma}_B$ Using $B(B \rightarrow \mu^+ \tau^- \nu_\mu \nu_\tau)$ Decays. Physical Review Letters, 2005, 95, 041805. | 2.9 | 34 |
| 544 | Measurements of Branching Fractions and Dalitz Distributions for $B(B \rightarrow D^*(*) K^0 \ell^+ \ell^-)$ Decays. Physical Review Letters, 2005, 95, 171802. | 2.9 | 6 |
| 545 | Evidence for $B \rightarrow \mu^+ K^0 K^0$ and $B(B \rightarrow K^0 K^0)$, and Measurement of the Branching Fraction and Search for Direct CP Violation in $B \rightarrow \mu^+ K^0 \ell^+ \ell^-$. Physical Review Letters, 2005, 95, 221801. | 2.9 | 8 |
| 546 | Search for Factorization-Suppressed $B(B \rightarrow \mu^+ K^0)$ Decays. Physical Review Letters, 2005, 94, 171801. | 2.9 | 13 |
| 547 | Branching Fractions and CP Asymmetries in $B(B \rightarrow \mu^+ \ell^+ \ell^-)$, $B(B \rightarrow \mu^+ K^0 \ell^+ \ell^-)$, and $B(B \rightarrow \mu^+ K^0)$ Decays and Isospin Analysis of the $B(B \rightarrow \mu^+ \ell^+ \ell^-)$ System. Physical Review Letters, 2005, 94, 181802. | 2.9 | 39 |
| 548 | Search for Decays of $B(B \rightarrow e^+ e^-)$, $B(B \rightarrow \mu^+ \mu^-)$, $B(B \rightarrow e^+ \mu^-)$. Physical Review Letters, 2005, 94, 221803. | 2.9 | 14 |
| 549 | Search for the Decay $B(B \rightarrow K^+ \mu^+ \mu^-)$. Physical Review Letters, 2005, 94, 101801. | 2.9 | 43 |
| 550 | Search for Strange-Pentaquark Production in $e^+ e^-$ Annihilation at $s = 10.58$ GeV. Physical Review Letters, 2005, 95, 042002. | 2.9 | 28 |
| 551 | Measurement of the Cabibbo-Kobayashi-Maskawa Angle $\hat{\Gamma}_B$ in $B(B \rightarrow D^*(*) K^0)$ Decays with a Dalitz Analysis of $D(B \rightarrow K^0 \ell^+ \ell^-)$. Physical Review Letters, 2005, 95, 121802. | 2.9 | 79 |
| 552 | NuTeV Structure Function Measurement. International Journal of Modern Physics A, 2005, 20, 3759-3761. | 0.5 | 3 |
| 553 | Search for the rare decay $B(B \rightarrow D^0 \mu^+ \mu^-)$. Physical Review D, 2005, 72, . | 1.6 | 1 |
| 554 | Time-integrated and time-dependent angular analyses of $B(B \rightarrow J/\psi K^0)$: A measurement of $\langle \cos^2 \theta \rangle$ with no sign ambiguity from strong phases. Physical Review D, 2005, 71, . | 1.6 | 77 |
| 555 | Amplitude analysis of the decay $B(B \rightarrow \mu^+ \mu^-)$. Physical Review D, 2005, 72, . | 1.6 | 37 |
| 556 | Search for gravitational waves from galactic and extra-galactic binary neutron stars. Physical Review D, 2005, 72, . | 1.6 | 109 |
| 557 | Dalitz plot analysis of $D(D \rightarrow K^0 K^+ K^+)$. Physical Review D, 2005, 72, . | 1.6 | 19 |
| 558 | Search for the radiative decay $B(B \rightarrow \mu^+ \mu^-)$. Physical Review D, 2005, 72, . | 1.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 559 | Upper limits from the LIGO and TAMA detectors on the rate of gravitational-wave bursts. Physical Review D, 2005, 72, . | 1.6 | 49 |
| 560 | Measurements of B meson decays to $\rho^0 K^*$ and $\rho^0 \bar{K}^*$. Physical Review D, 2005, 71, . | 1.6 | 5 |
| 561 | Study of $B \rightarrow \rho^0 \pi^0$ and $B \rightarrow \rho^0 \pi^+$ decays and determination of $ V_{ub} $. Physical Review D, 2005, 72, . | 1.6 | 29 |
| 562 | Measurement of the $B \rightarrow \rho^0 \pi^+ D^{*+}$ decay rate and $ V_{cb} $. Physical Review D, 2005, 71, . | 1.6 | 12 |
| 563 | $e^+e^- \rightarrow \pi^+ \pi^- \rho^0 \rho^0$, $K^+ K^- \rho^0 \rho^0$, and $K^+ K^- K^+ K^-$ cross sections at center-of-mass energies 0.5–4.5 GeV measured with initial-state radiation. Physical Review D, 2005, 71, . | 1.6 | 119 |
| 564 | Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow \rho^0 \pi^0$ decays. Physical Review D, 2005, 72, . | 1.6 | 22 |
| 565 | Search for the W -exchange decays $B^0 \rightarrow D_s^{(*)} \pi^+ D_s^{(*)-}$. Physical Review D, 2005, 72, . | 1.6 | 8 |
| 566 | First all-sky upper limits from LIGO on the strength of periodic gravitational waves using the Hough transform. Physical Review D, 2005, 72, . | 1.6 | 75 |
| 567 | Search for a charged partner of the $X(3872)$ in the B meson decay $B \rightarrow X^+ K^0, X^+ \pi^+ \pi^- \pi^0$. Physical Review D, 2005, 71, . | 1.6 | 80 |
| 568 | Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow \rho^0 \pi^0$. Physical Review D, 2005, 71, . | 1.6 | 20 |
| 569 | Study of the $\rho^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physical Review D, 2005, 72, . | 1.6 | 13 |
| 570 | Measurement of CP asymmetries in $B^0 \rightarrow \rho^0 K^0$ and $B^0 \rightarrow K^+ K^- K^0$ decays. Physical Review D, 2005, 71, . | 1.6 | 38 |
| 571 | Search for the decay $\rho^0 \rightarrow \pi^+ \pi^- \pi^0 \pi^0$. Physical Review D, 2005, 72, . | 1.6 | 9 |
| 572 | Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow \rho^0 \pi^0 K^*$. Physical Review D, 2005, 72, . | 1.6 | 5 |
| 573 | Study of $B \rightarrow \rho^0 \pi^0$ interference in the decay $B \rightarrow \rho^0 [K^+ \pi^-] D K^*$. Physical Review D, 2005, 72, . | 1.6 | 8 |
| 574 | Measurement of the branching ratios of the Z^0 into heavy quarks. Physical Review D, 2005, 71, . | 1.6 | 8 |
| 575 | Study of the $B \rightarrow \rho^0 \pi^0 K^*$ decay and measurement of the $B \rightarrow X(3872) K^*$ branching fraction. Physical Review D, 2005, 71, . | 1.6 | 375 |
| 576 | Measurement of the $B^0 \rightarrow D^{*+} D_s^{*-}$ and $D_s^+ \pi^- \pi^0$ branching fractions. Physical Review D, 2005, 71, . | 1.6 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 577 | Search for CP violation and a measurement of the relative branching fraction in $D^+ \rightarrow K^+ K^0$ decays. Physical Review D, 2005, 71, . | 1.6 | 16 |
| 578 | Measurement of the ratio $B(B^+ \rightarrow D^+ K^0) / B(B^+ \rightarrow D^+ \bar{K}^0)$ and of the CP asymmetry of $B^+ \rightarrow D^+ CP^+ K^0$ decays. Physical Review D, 2005, 71, . | 1.6 | 15 |
| 579 | Search for $B^+ \rightarrow J/\psi D$ decays. Physical Review D, 2005, 71, . | 1.6 | 10 |
| 580 | DESIGN AND DEVELOPMENT OF A DENSE, FINE GRAINED SILICON TUNGSTEN CALORIMETER WITH INTEGRATED ELECTRONICS. , 2005, , . | | 4 |
| 581 | Search algorithm for a gravitational wave signal in association with gamma ray burst GRB030329 using the LIGO detectors. Classical and Quantum Gravity, 2004, 21, S1831-S1837. | 1.5 | 12 |
| 582 | Gamma ray bursts and gravitational waves: triggered search strategy in the LIGO science runs. Classical and Quantum Gravity, 2004, 21, S765-S774. | 1.5 | 21 |
| 583 | Upper limits on the strength of periodic gravitational waves from PSR J1939+2134. Classical and Quantum Gravity, 2004, 21, S671-S676. | 1.5 | 4 |
| 584 | Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in B _s oscillations. Physical Review D, 2004, 70, . | 1.6 | 39 |
| 585 | Bound on the Ratio of Decay Amplitudes for $B^0 \rightarrow \pi^+ \pi^- K^0$ and $B^0 \rightarrow \pi^+ \pi^- \bar{K}^0$. Physical Review Letters, 2004, 93, 081801. | 2.9 | 5 |
| 586 | Measurements of moments of the hadronic mass distribution in semileptonic B decays. Physical Review D, 2004, 69, . | 1.6 | 35 |
| 587 | Measurement of the Inclusive Charmless Semileptonic Branching Ratio of B Mesons and Determination of $ V_{ub} $. Physical Review Letters, 2004, 92, 071802. | 2.9 | 37 |
| 588 | Measurement of Time-Dependent CP Asymmetries in $B^0 \rightarrow D^{(*)} \bar{K}^0$ Decays and Constraints on $\sin \delta(2\hat{1}^2 + \hat{1}^3)$. Physical Review Letters, 2004, 92, 251801. | 2.9 | 13 |
| 589 | Study of the Decay $B^0(B^0) \rightarrow \bar{K}^0 \bar{K}^0$, and Constraints on the Cabibbo-Kobayashi-Maskawa Angle $\hat{1} \pm$. Physical Review Letters, 2004, 93, 231801. | 2.9 | 40 |
| 590 | Measurement of Time-Dependent CP-Violating Asymmetries in $B^0 \rightarrow K^0 \bar{K}^0$ Decays. Physical Review Letters, 2004, 93, 201801. | 2.9 | 14 |
| 591 | Measurement of branching fractions of color-suppressed decays of the B meson to $D^{(*)} \bar{K}^0, D^{(*)} \bar{K}^0, D^{(*)} \bar{K}^0$, and $D^0 \rightarrow \bar{K}^0$. Physical Review D, 2004, 69, . | 1.6 | 22 |
| 592 | Measurement of the branching fraction for $B^+ \rightarrow \pi^+ K^0$. Physical Review D, 2004, 69, . | 1.6 | 14 |
| 593 | Search for Lepton-Flavor Violation in the Decay $\bar{K}^0 \rightarrow \pi^+ \mu^- \nu_\mu$. Physical Review Letters, 2004, 92, 121801. | 2.9 | 68 |
| 594 | Measurements of CP-Violating Asymmetries in $B^0 \rightarrow K^0 \bar{K}^0$ Decays. Physical Review Letters, 2004, 93, 131805. | 2.9 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 595 | Search for B^0 Decays to Invisible Final States and $\text{to } \frac{1}{2} \frac{1}{2} \hat{A} \hat{I}^3$. Physical Review Letters, 2004, 93, 091802. | 2.9 | 12 |
| 596 | Observation of $B^0 \rightarrow \rho^0 K^0$, $B^+ \rightarrow \rho^+ \epsilon^+$, and $B^+ \rightarrow \rho^+ K^+$ and Study of Related Decays. Physical Review Letters, 2004, 92, 061801. | 2.9 | 18 |
| 597 | Observation of a narrow meson decaying to $D_s + \rho^0$ at a mass of $2.458 \text{ GeV}/c^2$. Physical Review D, 2004, 69, . | 1.6 | 80 |
| 598 | Measurement of the B^+ / B^0 production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow \rho^+ K^+$ and $B^0 \rightarrow \rho^0 K^0$ decays. Physical Review D, 2004, 69, . | 1.6 | 33 |
| 599 | Searches for B^0 Decays to Combinations of Two Charmless Isoscalar Mesons. Physical Review Letters, 2004, 93, 181806. | 2.9 | 12 |
| 600 | Branching Fractions and CP Asymmetries in $B^0 \rightarrow K^+ K^- K^0$ and $B^+ \rightarrow K^+ K^0 K^0$. Physical Review Letters, 2004, 93, 181805. | 2.9 | 16 |
| 601 | Measurement of Branching Fractions and Charge Asymmetries in $B^{\pm} \rightarrow \rho^{\pm} \epsilon^0$ and $B^{\pm} \rightarrow \rho^{\pm} \epsilon^{\pm}$ Decays, and Search for $B^0 \rightarrow \rho^0 \epsilon^0$. Physical Review Letters, 2004, 93, 051802. | 2.9 | 26 |
| 602 | Production of ρ^+ , ρ^0 , K^+ , K^0 , p , and Λ^- in light (u, d, s, c) jets from Z^0 decays. Physical Review D, 2004, 69, . | 1.6 | 50 |
| 603 | Measurement of the Direct CP Asymmetry in $B^+ \rightarrow \rho^+ \pi^0$ Decays. Physical Review Letters, 2004, 93, 021804. | 2.9 | 25 |
| 604 | Observation of the decay $B^0 \rightarrow \rho^+ \pi^-$ and measurement of the branching fraction and polarization. Physical Review D, 2004, 69, . | 1.6 | 27 |
| 605 | Measurement of branching fractions and CP and isospin asymmetries for $B^+ \rightarrow K^+ \pi^0$. Physical Review D, 2004, 70, . | 1.6 | 53 |
| 606 | Limits on the Decay-Rate Difference of Neutral B Mesons and on CP, T, and CPT Violation in $B^0 \rightarrow \rho^0 \rho^0$ Oscillations. Physical Review Letters, 2004, 92, 181801. | 2.9 | 33 |
| 607 | Search for the Rare Leptonic Decay $B^+ \rightarrow \rho^+ \pi^0 \pi^0$. Physical Review Letters, 2004, 92, 221803. | 2.9 | 9 |
| 608 | Observation of the Decay $B^+ \rightarrow \rho^+ \pi^0 K^+$ and Search for $X(3872) \rightarrow \rho^+ \pi^-$. Physical Review Letters, 2004, 93, 041801. | 2.9 | 59 |
| 609 | Search for the Radiative Decays $B^+ \rightarrow \rho^+ \pi^0 \gamma$ and $B^0 \rightarrow \rho^0 \pi^0 \gamma$. Physical Review Letters, 2004, 92, 111801. | 2.9 | 7 |
| 610 | Analysis of first LIGO science data for stochastic gravitational waves. Physical Review D, 2004, 69, . | 1.6 | 96 |
| 611 | Measurement of the average π^+ multiplicity in B meson decay. Physical Review D, 2004, 69, . | 1.6 | 1 |
| 612 | Determination of the Branching Fraction for $B^+ \rightarrow X_c^+ \pi^0$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. Physical Review Letters, 2004, 93, . | 2.9 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 613 | Measurements of branching fractions in $B \rightarrow \pi K$ and search for direct CP violation in $B \rightarrow \pi K$. Physical Review D, 2004, 69, . | 1.6 | 17 |
| 614 | Study of $B \rightarrow \pi \ell \bar{\nu}$ and $B \rightarrow \pi K$ Decays: Measurement of the Ratio of Branching Fractions and Search for Direct CP Violation. Physical Review Letters, 2004, 92, 241802. | 2.9 | 19 |
| 615 | Measurement of the $B \rightarrow K^* 0$ Decay Amplitudes. Physical Review Letters, 2004, 93, 231804. | 2.9 | 70 |
| 616 | Measurement of the branching fractions for inclusive $B \rightarrow \pi$ and $B \rightarrow 0$ decays to flavor-tagged D, Ds, and \bar{c} . Physical Review D, 2004, 70, . | 1.6 | 9 |
| 617 | Search for Flavor-Changing Neutral Current and Lepton-Flavor Violating Decays of $D \rightarrow \pi l \bar{\nu}$. Physical Review Letters, 2004, 93, 191801. | 2.9 | 18 |
| 618 | Study of $B \rightarrow D_s(\pi) + D^*(\pi)$ Decays. Physical Review Letters, 2004, 93, 181801. | 2.9 | 56 |
| 619 | Measurements of Branching Fractions and CP-Violating Asymmetries in B Meson Decays to Charmless Two-Body States Containing a K. Physical Review Letters, 2004, 92, 201802. | 2.9 | 12 |
| 620 | Search for $D \rightarrow D^* 0$ mixing using semileptonic decay modes. Physical Review D, 2004, 70, . | 1.6 | 21 |
| 621 | Branching fraction measurements of $B \rightarrow \pi c K$ decays. Physical Review D, 2004, 70, . | 1.6 | 11 |
| 622 | Search for $B \rightarrow \pi [K^* \ell \bar{\nu}] DK^*$ and Upper Limit on the $b \rightarrow u$ Amplitude in $B \rightarrow \pi DK^*$. Physical Review Letters, 2004, 93, 131804. | 2.9 | 5 |
| 623 | Measurement of the Branching Fraction and Polarization for the Decay $B \rightarrow \pi^* D^* K^*$. Physical Review Letters, 2004, 92, 141801. | 2.9 | 11 |
| 624 | Measurement of the Time-Dependent CP Asymmetry in the $B \rightarrow \pi^* K 0$ Decay. Physical Review Letters, 2004, 93, 071801. | 2.9 | 19 |
| 625 | First upper limits from LIGO on gravitational wave bursts. Physical Review D, 2004, 69, . | 1.6 | 108 |
| 626 | Measurement of $\sin 2\beta$ with hadronic and previously unused muonic J/ψ decays. Physical Review D, 2004, 69, . | 1.6 | 3 |
| 627 | Measurement of Time-Dependent CP Asymmetries and Constraints on $\sin \beta$ ($2\beta + \hat{\beta}$) with Partial Reconstruction of $B \rightarrow \pi^* D^* \ell \bar{\nu}$ Decays. Physical Review Letters, 2004, 92, 251802. | 2.9 | 14 |
| 628 | 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. Physical Review D, 2004, 69, . | 1.6 | 165 |
| 629 | Measurements of the branching fractions of charged B decays to $K^* \ell \bar{\nu}$ final states. Physical Review D, 2004, 70, . | 1.6 | 27 |
| 630 | Measurement of the $B \rightarrow K^*(1430) 0 \pi^3$ and $B \rightarrow \pi^* K^*(1430) + \pi^3$ branching fractions. Physical Review D, 2004, 70, . | 1.6 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 631 | Measurement of the branching fraction for $B^0 \rightarrow D^0 K^* \pi^0$. Physical Review D, 2004, 69, . | 1.6 | 3 |
| 632 | Search for the decay $B^0 \rightarrow J/\psi \pi^0$. Physical Review D, 2004, 70, . | 1.6 | 10 |
| 633 | J/ψ production via initial state radiation in $e^+e^- \rightarrow \gamma^* \rightarrow J/\psi + \gamma$ at an e^+e^- center-of-mass energy near 10.6 GeV. Physical Review D, 2004, 69, . | 1.6 | 48 |
| 634 | Measurement of the Branching Fractions and CP Asymmetry of $B^0 \rightarrow D^0(CP) K^* \pi^0$ Decays with the BABAR Detector. Physical Review Letters, 2004, 92, 202002. | 2.9 | 13 |
| 635 | Search for the decay $B^0 \rightarrow \rho^+ \pi^-$. Physical Review D, 2004, 69, . | 1.6 | 26 |
| 636 | Analysis of LIGO data for gravitational waves from binary neutron stars. Physical Review D, 2004, 69, . | 1.6 | 145 |
| 637 | Measurements of the Mass and Width of the $\psi(2S)$ Candidate. Physical Review Letters, 2004, 92, 142002. | 2.9 | 83 |
| 638 | First measurement of the double-inclusive B/B hadron energy distribution in e^+e^- annihilations, and of angle-dependent moments of the B and B energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 45-53. | 1.5 | 0 |
| 639 | Detector description and performance for the first coincidence observations between LIGO and GEO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 517, 154-179. | 0.7 | 259 |
| 640 | B meson decays to $\psi(2S) K^*$, $\psi(2S) \pi^0$, $\psi(2S) \eta$, $\psi(2S) \eta'$, and $\psi(2S) \pi^0$. Physical Review D, 2004, 70, . | 1.6 | 56 |
| 641 | Performances of RPCs in the BaBar experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 322-327. | 0.7 | 15 |
| 642 | High energy neutrino scattering results from NuTeV. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 164-173. | 0.5 | 6 |
| 643 | Mechanisms affecting performance of the BaBar resistive plate chambers and searches for remediation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 128-132. | 0.7 | 18 |
| 644 | Measurement of the $B^0 \rightarrow J/\psi \pi^+ \pi^-$ Branching Fraction. Physical Review Letters, 2003, 90, 091801. | 2.9 | 12 |
| 645 | Measurements of CP-Violating Asymmetries and Branching Fractions in B Meson Decays to $\psi(2S) K$. Physical Review Letters, 2003, 91, 161801. | 2.9 | 35 |
| 646 | Search for $D^0 \rightarrow D^0$ Mixing and a Measurement of the Doubly Cabibbo-Suppressed Decay Rate in $D^0 \rightarrow K^0 \pi^0$ Decays. Physical Review Letters, 2003, 91, 171801. | 2.9 | 37 |
| 647 | Study of Time-Dependent CP Asymmetry in Neutral B Decays to $J/\psi \pi^0$. Physical Review Letters, 2003, 91, 061802. | 2.9 | 9 |
| 648 | Observation of a Narrow Meson State Decaying to $D_s + \pi^0$ at a Mass of $2.32 \pm 0.01 \text{ GeV}/c^2$. Physical Review Letters, 2003, 90, 242001. | 2.9 | 603 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 649 | Observation of a Significant Excess of $B \rightarrow D^* \ell^+ \ell^-$ Events in B Meson Decays. Physical Review Letters, 2003, 91, 241801. | 2.9 | 35 |
| 650 | Limits on $D^0 \rightarrow D^* \ell^+ \ell^-$ Mixing and CP Violation from the Ratio of Lifetimes for Decay to $K^+ \ell^+ \ell^-$, $K^+ K^+$, and $\ell^+ \ell^+ \ell^-$. Physical Review Letters, 2003, 91, 121801. | 2.9 | 34 |
| 651 | Measurements of Branching Fractions and CP-Violating Asymmetries in $B^0 \rightarrow D^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2003, 91, 201802. | 2.9 | 51 |
| 652 | Measurement of $B^0 \rightarrow D^* \ell^+ \ell^-$ branching fractions and $B^0 \rightarrow D^* \ell^+ \ell^-$ polarization with a partial reconstruction technique. Physical Review D, 2003, 67, . | 1.6 | 15 |
| 653 | Measurement of the branching fractions for the exclusive decays of B^0 and B^+ to $D^* \ell^+ \ell^- K$. Physical Review D, 2003, 68, . | 1.6 | 22 |
| 654 | Measurement of the branching fraction for inclusive semileptonic B meson decays. Physical Review D, 2003, 67, . | 1.6 | 24 |
| 655 | Measurement of the Branching Fraction, and Bounds on the CP-Violating Asymmetries, of Neutral B Decays to $D^* \ell^+ \ell^-$. Physical Review Letters, 2003, 90, 221801. | 2.9 | 16 |
| 656 | Simultaneous measurement of the B^0 meson lifetime and mixing frequency with $B^0 \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2003, 67, . | 1.6 | 11 |
| 657 | Rates, Polarizations, and Asymmetries in Charmless Vector-Vector B Meson Decays. Physical Review Letters, 2003, 91, 171802. | 2.9 | 122 |
| 658 | Improved Direct Measurement of the Parity-Violation Parameter A_B Using a Mass Tag and Momentum-Weighted Track Charge. Physical Review Letters, 2003, 90, 141804. | 2.9 | 3 |
| 659 | Measurement of the Cabibbo-Kobayashi-Maskawa Matrix Element $ V_{ub} $ with $B^+ \rightarrow \ell^+ \ell^-$ Decays. Physical Review Letters, 2003, 90, 181801. | 2.9 | 23 |
| 660 | Rare B Decays into States Containing a η/η' Meson and a Meson with $s\bar{s}$ Quark Content. Physical Review Letters, 2003, 91, 071801. | 2.9 | 22 |
| 661 | Study of the Rare Decays $B^0 \rightarrow D^* \ell^+ \ell^-$ and $B^0 \rightarrow D^* \ell^+ K^+$. Physical Review Letters, 2003, 90, 181803. | 2.9 | 24 |
| 662 | Study of inclusive production of charmonium mesons in B decays. Physical Review D, 2003, 67, . | 1.6 | 61 |
| 663 | Search for time-dependent $B_s^0 \rightarrow B_s^0$ oscillations using a vertex charge dipole technique. Physical Review D, 2003, 67, . | 1.6 | 9 |
| 664 | Evidence for the Rare Decay $B^+ \rightarrow K^* \ell^+ \ell^-$, $B^+ \rightarrow \ell^+ \ell^-$ and Measurement of the $B^+ \rightarrow K^+ \ell^+ \ell^-$ Branching Fraction. Physical Review Letters, 2003, 91, 221802. | 2.9 | 65 |
| 665 | Measurement of Time-Dependent CP Asymmetries and the CP-Odd Fraction in the Decay $B^0 \rightarrow D^* \ell^+ \ell^-$. Physical Review Letters, 2003, 91, 131801. | 2.9 | 14 |
| 666 | Observation of the Decay $B^+ \rightarrow \ell^+ \ell^-$, Study of $B^+ \rightarrow K^+ \ell^+ \ell^-$, and Search for $B^0 \rightarrow \ell^+ \ell^-$. Physical Review Letters, 2003, 91, 021801. | 2.9 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 667 | 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. | 2.9 | 20 |
| 668 | Evidence for $B \rightarrow \pi^+ \pi^0 \pi^0$ and Search for $B \rightarrow \pi^+ \pi^0 \pi^+$. <i>Physical Review Letters</i> , 2003, 90, 231801. | 2.9 | 16 |
| 669 | $\sin^2 2\beta$ FROM NEUTRINO SCATTERING AT NUTEV. <i>International Journal of Modern Physics A</i> , 2003, 18, 3841-3855. | 0.5 | 6 |
| 670 | CALORIMETER CONSIDERATIONS FOR A LINEAR COLLIDER DETECTOR. , 2003, , . | | 0 |
| 671 | DESIGN CONSIDERATIONS FOR A SILICON/TUNGSTEN ELECTROMAGNETIC CALORIMETER FOR A LINEAR COLLIDER DETECTOR. , 2003, , . | | 1 |
| 672 | Measurement of D_s^+ and D_s^{*+} production in B meson decays and from continuum e^+e^- annihilation at $\sqrt{s}=10.6\text{ GeV}$. <i>Physical Review D</i> , 2002, 65, . | 1.6 | 13 |
| 673 | Measurement of $B \rightarrow \pi^0 \pi^0$ Flavor Oscillations in Hadronic B Decays. <i>Physical Review Letters</i> , 2002, 88, 221802. | 2.9 | 29 |
| 674 | Improved study of the structure of $e^+e^- \rightarrow \pi^+ \pi^- b \bar{b}$ events and limits on the anomalous chromomagnetic coupling of the b quark. <i>Physical Review D</i> , 2002, 66, . | 1.6 | 0 |
| 675 | Search for time-dependent $B_s \rightarrow B_s^0$ oscillations using exclusively reconstructed D_s^{\pm} mesons. <i>Physical Review D</i> , 2002, 66, . | 1.6 | 6 |
| 676 | Effect of asymmetric strange seas and isospin-violating parton distribution functions on $\sin^2 2\beta$ measured in the NuTeV experiment. <i>Physical Review D</i> , 2002, 65, . | 1.6 | 91 |
| 677 | Search for T and CP Violation in $B \rightarrow \pi^0 \pi^0$ Mixing with Inclusive Dilepton Events. <i>Physical Review Letters</i> , 2002, 88, 231801. | 2.9 | 22 |
| 678 | Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , 2002, 65, . | 1.6 | 17 |
| 679 | Study of CP-violating asymmetries in $B \rightarrow \pi^+ \pi^- \pi^0$, $K \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physical Review D</i> , 2002, 65, . | 1.6 | 10 |
| 680 | Measurement of the Branching Fraction and CP Content for the Decay $B \rightarrow D^* D^*$. <i>Physical Review Letters</i> , 2002, 89, 061801. | 2.9 | 7 |
| 681 | Search for the Rare Decays $B \rightarrow K^* K^*$ and $B \rightarrow K^* K^*$. <i>Physical Review Letters</i> , 2002, 88, 241801. | 2.9 | 24 |
| 682 | Measurement of the CP Asymmetry Amplitudes $\sin^2 2\beta$ with B Mesons. <i>Physical Review Letters</i> , 2002, 89, 201802. | 2.9 | 247 |
| 683 | 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, . | 1.6 | 134 |
| 684 | Study of $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- K^0$ decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries. <i>Physical Review D</i> , 2002, 65, . | 1.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 685 | Precise Determination of Electroweak Parameters in Neutrino-Nucleon Scattering. Physical Review Letters, 2002, 88, 091802. | 2.9 | 487 |
| 686 | Measurement of the b-quark fragmentation function in Z0 decays. Physical Review D, 2002, 65, . | 1.6 | 79 |
| 687 | Measurement of branching fractions for exclusive B decays to charmonium final states. Physical Review D, 2002, 65, . | 1.6 | 56 |
| 688 | Search for $\nu_{\tau} \rightarrow \nu_{\mu} \nu_{\tau} \nu_{\mu}$ and $\nu_{\tau} \rightarrow \nu_{\tau} \nu_{\mu} \nu_{\tau}$ Oscillations at NuTeV. Physical Review Letters, 2002, 89, 011804. | 2.9 | 43 |
| 689 | Measurement of $B \rightarrow K^* \bar{K}^0$ Branching Fractions and Charge Asymmetries. Physical Review Letters, 2002, 88, 101805. | 2.9 | 38 |
| 690 | Measurement of the B^0 Lifetime with Partially Reconstructed $B^0 \rightarrow D^* \bar{a}^+ \bar{a}^-, \pi^+ \pi^0$ Decays. Physical Review Letters, 2002, 89, 011802. | 2.9 | 11 |
| 691 | Measurements of Branching Fractions and CP-Violating Asymmetries in $B^0 \rightarrow \bar{K}^0 \pi^+ \pi^-, K^+ \pi^0, K^+ \bar{K}^0$ Decays. Physical Review Letters, 2002, 89, 281802. | 2.9 | 122 |
| 692 | Measurement of the $B^0 \rightarrow \bar{B}^0$ Oscillation Frequency with Inclusive Dilepton Events. Physical Review Letters, 2002, 88, 221803. | 2.9 | 22 |
| 693 | Improved Direct Measurement of A_B and A_C at the Z0 Pole Using a Lepton Tag. Physical Review Letters, 2002, 88, 151801. | 2.9 | 12 |
| 694 | Nuclear effects and the NuTeV $\sin^2 \hat{\theta}_W$ measurement. Nuclear Physics, Section B, Proceedings Supplements, 2002, 112, 226-233. | 0.5 | 11 |
| 695 | The BaBar instrumented flux return performance: lessons learned. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 494, 455-463. | 0.7 | 8 |
| 696 | Measurements of the Branching Fractions of Exclusive Charmless B Meson Decays with $\hat{\pi}^0$ or η Mesons. Physical Review Letters, 2001, 87, 221802. | 2.9 | 43 |
| 697 | Study of jet reconstruction using energy flow. AIP Conference Proceedings, 2001, , . | 0.3 | 0 |
| 698 | Improved measurement of the probability for gluon splitting into $\nu \nu$ in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 61-69. | 1.5 | 9 |
| 699 | OBSERVATION OF ANOMALOUS DIMUON EVENTS IN THE NUTEV DECAY DETECTOR. International Journal of Modern Physics A, 2001, 16, 761-763. | 0.5 | 1 |
| 700 | NEW MEASUREMENTS OF NUCLEON STRUCTURE FUNCTIONS FROM CCFR/NuTeV. International Journal of Modern Physics A, 2001, 16, 202-204. | 0.5 | 2 |
| 701 | SEARCH FOR LIGHT-TO-HEAVY QUARK FLAVOR CHANGING NEUTRAL CURRENTS IN $\hat{\nu}_{\tau} \hat{\nu}_{\tau} \nu_{\mu} \nu_{\mu}$ AND $\nu_{\tau} \nu_{\tau} \nu_{\mu} \nu_{\mu}$ SCATTERING. International Journal of Modern Physics A, 2001, 16, 489-491. | 0.5 | 1 |
| 702 | OBSERVATION OF NEUTRAL CURRENT CHARM PRODUCTION IN $\hat{\nu}_{\tau} \hat{\nu}_{\tau} \nu_{\mu} \nu_{\mu}$ SCATTERING AT THE TEVATRON. International Journal of Modern Physics A, 2001, 16, 764-766. | 0.5 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 703 | Improved Direct Measurement of Leptonic Coupling Asymmetries with Polarized Z Bosons. Physical Review Letters, 2001, 86, 1162-1166. | 2.9 | 37 |
| 704 | Measurement of f_1/f_2 Production in Continuum e^+e^- Annihilations near $\sqrt{s}=10.6$ GeV. Physical Review Letters, 2001, 87, 162002. | 2.9 | 57 |
| 705 | Measurements of F_2 and F_3 from CCFR ν -Fe and $\bar{\nu}$ -Fe Data in a Physics Model-Independent Way. Physical Review Letters, 2001, 86, 2742-2745. | 2.9 | 101 |
| 706 | Precise measurement of dimuon production cross sections in ν -Fe and $\bar{\nu}$ -Fe deep inelastic scattering at the Fermilab Tevatron. Physical Review D, 2001, 64, . | 1.6 | 207 |
| 707 | Observation of neutral current charm production in ν -Fe scattering at the Fermilab Tevatron. Physical Review D, 2001, 64, . | 1.6 | 10 |
| 708 | Measurement of the $B \rightarrow J/\psi K^*$ (892) Decay Amplitudes. Physical Review Letters, 2001, 87, 241801. | 2.9 | 52 |
| 709 | Measurement of A_{FB} with charmed mesons at the SLAC Large Detector. Physical Review D, 2001, 63, . | 1.6 | 7 |
| 710 | Measurement of the B^0 and B^+ Meson Lifetimes with Fully Reconstructed Hadronic Final States. Physical Review Letters, 2001, 87, 201803. | 2.9 | 21 |
| 711 | Measurement of Branching Fractions and Search for CP-Violating Charge Asymmetries in Charmless Two-Body B Decays into Pions and Kaons. Physical Review Letters, 2001, 87, 151802. | 2.9 | 51 |
| 712 | First Symmetry Tests in Polarized Z Decays to $b\bar{b}$. Physical Review Letters, 2001, 86, 962-966. | 2.9 | 3 |
| 713 | Measurement of the branching fractions for $\bar{B}^0 \rightarrow e^+e^-$ and $\bar{B}^0 \rightarrow \mu^+\mu^-$. Physical Review D, 2001, 65, . | 1.6 | 5 |
| 714 | Extraction of $R = f_L/f_T$ from CCFR ν -Fe and $\bar{\nu}$ -Fe Differential Cross Sections. Physical Review Letters, 2001, 87, 251802. | 2.9 | 23 |
| 715 | First Measurement of the Low- x , Low- Q^2 Structure Function F_2 in Neutrino Scattering. Physical Review Letters, 2001, 86, 5430-5433. | 2.9 | 24 |
| 716 | Observation of CP Violation in the B^0 Meson System. Physical Review Letters, 2001, 87, 091801. | 2.9 | 426 |
| 717 | Measurement of the Decays $B \rightarrow \tau^+\tau^- K$ and $B \rightarrow \tau^+\tau^- K^*$. Physical Review Letters, 2001, 87, 151801. | 2.9 | 32 |
| 718 | Search for the Decay $B^0 \rightarrow \tau^+\tau^-$. Physical Review Letters, 2001, 87, 241803. | 2.9 | 9 |
| 719 | Observation of an Anomalous Number of Dimuon Events in a High Energy Neutrino Beam. Physical Review Letters, 2001, 87, 041801. | 2.9 | 27 |
| 720 | Search for the Lepton Family Number Violating Process $\nu \rightarrow \nu e^+e^-$. Physical Review Letters, 2001, 87, 071803. | 2.9 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 721 | Precision calibration of the NuTeV calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 377-415. | 0.7 | 28 |
| 722 | Low-Q ² low-x structure function analysis of CCFR data for F ₂ . Nuclear Physics A, 2000, 663-664, 344c-348c. | 0.6 | 0 |
| 723 | Recent QCD results from NuTeV/CCFR Collaboration. Nuclear Physics, Section B, Proceedings Supplements, 2000, 86, 93-101. | 0.5 | 2 |
| 724 | Search for charmless hadronic decays of B mesons with the SLAC SLD detector. Physical Review D, 2000, 62, . | 1.6 | 6 |
| 725 | Search for a 33.9 MeV/c ² Neutral Particle in Pion Decay. Physical Review Letters, 2000, 84, 4043-4046. | 2.9 | 13 |
| 726 | High-Precision Measurement of the Left-Right Z Boson Cross-Section Asymmetry. Physical Review Letters, 2000, 84, 5945-5949. | 2.9 | 75 |
| 727 | First Direct Measurement of the Parity-Violating Coupling of the Z ⁰ to the s Quark. Physical Review Letters, 2000, 85, 5059-5063. | 2.9 | 23 |
| 728 | Evidence for diffractive charm production in $\hat{p} + \hat{p} \rightarrow F + \hat{p} + X$ scattering at the Fermilab Tevatron. Physical Review D, 2000, 61, . | 1.6 | 39 |
| 729 | Search for light-to-heavy quark flavor changing neutral currents in $\hat{p} + \hat{p} \rightarrow N + \hat{p} + X$ scattering at the Fermilab Tevatron. Physical Review D, 2000, 63, . | 1.6 | 4 |
| 730 | Precise Measurement of the b-Quark Fragmentation Function in Z ⁰ Boson Decays. Physical Review Letters, 2000, 84, 4300-4304. | 2.9 | 59 |
| 731 | PROGRESS IN X-BAND LINEAR COLLIDER PROGRAM. , 2000, , . | | 0 |
| 732 | ELECTROWEAK RESULTS FROM SLC/SLD. , 2000, , . | | 0 |
| 733 | Search for Neutral Heavy Leptons in a High-Energy Neutrino Beam. Physical Review Letters, 1999, 83, 4943-4946. | 2.9 | 142 |
| 734 | Direct Measurement of $A_{FB}(l)$ in Z ⁰ Decays Using Charged Kaon Tagging. Physical Review Letters, 1999, 83, 1902-1907. | 2.9 | 8 |
| 735 | Direct Measurement of $A_{FB}(l)$ at the Z ⁰ Pole Using a Lepton Tag. Physical Review Letters, 1999, 83, 3384-3389. | 2.9 | 11 |
| 736 | Production of $\bar{c} + s, \bar{c} + K^+, K^0, K^{*0}, \bar{t} + p, \bar{t} + \bar{p}$ in hadronic Z ⁰ decays. Physical Review D, 1999, 59, . | 1.6 | 99 |
| 737 | Study of the structure of $e^+e^- \rightarrow \bar{t} + b + \bar{b} + t$ events and first limits on the anomalous chromomagnetic coupling of the b quark. Physical Review D, 1999, 60, . | 1.6 | 1 |
| 738 | Determination of $\sin^2 \hat{\theta}_W$ from neutrino-nucleon scattering at NuTeV. Nuclear Physics, Section B, Proceedings Supplements, 1999, 77, 265-270. | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 739 | Performance of the NuTeV Fe-scintillator sampling calorimeter and implications for thin calorimeters. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 232-237. | 0.5 | 1 |
| 740 | A measurement of α_s and R with the CCFR detector. Nuclear Physics, Section B, Proceedings Supplements, 1999, 79, 89-92. | 0.5 | 1 |
| 741 | Initial impact parameter resolution of the new SLD vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 243-246. | 0.7 | 2 |
| 742 | Measurement of Γ_{B^0} Using a Vertex Mass Tag. Physical Review Letters, 1998, 80, 660-665. | 2.9 | 47 |
| 743 | Direct Measurement of Parity Violation in the Coupling of Z^0 Bosons to b Quarks Using a Mass Tag and Momentum-Weighted Track Charge. Physical Review Letters, 1998, 81, 942-946. | 2.9 | 11 |
| 744 | Improved test of the flavor independence of strong interactions. Physical Review D, 1998, 59, . | 1.6 | 11 |
| 745 | Measurement of electron beam polarization from the energy asymmetry of Compton scattered photons. IEEE Transactions on Nuclear Science, 1998, 45, 670-675. | 1.2 | 4 |
| 746 | Measurement of the B hadron energy distribution in Z^0 decays. Physical Review D, 1997, 56, 5310-5319. | 1.6 | 7 |
| 747 | Study of the orientation and energy partition of three-jet events in hadronic Z^0 decays. Physical Review D, 1997, 55, 2533-2545. | 1.6 | 25 |
| 748 | Measurement of the ϵ_1 , Neutrino Helicity and Michel Parameters in Polarized e^+e^- Collisions. Physical Review Letters, 1997, 78, 4691-4696. | 2.9 | 16 |
| 749 | Measurement of Leading Particle Effects in Decays of Z^0 Bosons into Light Flavors [Phys. Rev. Lett. 78, 3442 (1997)]. Physical Review Letters, 1997, 79, 959-959. | 2.9 | 3 |
| 750 | Measurement of Leading Particle Effects in Decays of Z^0 Bosons into Light Flavors. Physical Review Letters, 1997, 78, 3442-3446. | 2.9 | 13 |
| 751 | Improved Measurement of the Left-Right Z^0 Cross Section Asymmetry. Physical Review Letters, 1997, 78, 2075-2079. | 2.9 | 43 |
| 752 | Measurement of the B^+ and B^0 Lifetimes Using Topological Reconstruction of Inclusive and Semileptonic Decays. Physical Review Letters, 1997, 79, 590-596. | 2.9 | 24 |
| 753 | First Measurement of the Left-Right Charge Asymmetry in Hadronic Z^0 Boson Decays and a New Determination of $\sin^2 \theta_W^{\text{eff}}$. Physical Review Letters, 1997, 78, 17-21. | 2.9 | 19 |
| 754 | Direct Measurement of Leptonic Coupling Asymmetries with Polarized Z^0 Bosons. Physical Review Letters, 1997, 79, 804-808. | 2.9 | 19 |
| 755 | Performance of the new vertex detector at SLD. IEEE Transactions on Nuclear Science, 1997, 44, 587-591. | 1.2 | 3 |
| 756 | The SLD VXD3 detector and its initial performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 386, 46-51. | 0.7 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 757 | Design and performance of the SLD vertex detector: a 307 Mpixel tracking system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 400, 287-343. | 0.7 | 106 |
| 758 | Factorial and cumulant moments in $e^+e^- \rightarrow \hat{t}^+$ hadrons at the Z0 resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 149-156. | 1.5 | 30 |
| 759 | Measurement of the charged multiplicities in b, c and light quark events from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 386, 475-485. | 1.5 | 17 |
| 760 | Measurements of R_b with impact parameters and displaced vertices. Physical Review D, 1996, 53, 1023-1038. | 1.6 | 75 |
| 761 | Test of the flavor independence of strong interactions. Physical Review D, 1996, 53, R2271-R2275. | 1.6 | 4 |
| 762 | First Study of Rapidity Gaps in e^+e^- Annihilation. Physical Review Letters, 1996, 76, 4886-4890. | 2.9 | 4 |
| 763 | Study of 18-cm long single-sided AC-coupled silicon microstrip detectors. IEEE Transactions on Nuclear Science, 1995, 42, 92-101. | 1.2 | 3 |
| 764 | Observation of target electron momentum effects in single-arm MÅller polarimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 363, 526-537. | 0.7 | 20 |
| 765 | Measurement of $f_{\pm s}(MZ2)$ from hadronic event observables at the Z0 resonance. Physical Review D, 1995, 51, 962-984. | 1.6 | 84 |
| 766 | Measurement of the Parity-Violation Parameter A_{FB} from the Left-Right Forward-Backward Asymmetry of b Quark Production in Z0 Decays Using a Momentum-Weighted Track-Charge Technique. Physical Review Letters, 1995, 74, 2890-2894. | 2.9 | 23 |
| 767 | Measurement of the Average B Hadron Lifetime in Z0 Decays Using Reconstructed Vertices. Physical Review Letters, 1995, 75, 3624-3628. | 2.9 | 12 |
| 768 | Measurement of the Parity-Violation Parameters A_{FB} and A_{CP} from the Left-Right Forward-Backward Asymmetry of Leptons in Hadronic Events at the Z0 Resonance. Physical Review Letters, 1995, 74, 2895-2899. | 2.9 | 21 |
| 769 | Measurement of the τ , lifetime at SLD. Physical Review D, 1995, 52, 4828-4838. | 1.6 | 9 |
| 770 | Search for Jet Handedness in Hadronic Z0 Decays. Physical Review Letters, 1995, 74, 1512-1516. | 2.9 | 13 |
| 771 | Comparison of a new calculation of energy-energy correlations with $e^+e^- \rightarrow \hat{t}^+$ hadrons data at the Z0 resonance. Physical Review D, 1995, 52, 4240-4244. | 1.6 | 1 |
| 772 | Measurement of the Left-Right Forward-Backward Asymmetry for Charm Quarks with D^{*+} and D^+ Mesons. Physical Review Letters, 1995, 75, 3609-3613. | 2.9 | 14 |
| 773 | First Measurement of the T-Odd Correlation between the Z0 Spin and the Three-Jet Plane Orientation in Polarized Z0 Decays into Three Jets. Physical Review Letters, 1995, 75, 4173-4177. | 2.9 | 24 |
| 774 | Polarized Bhabha Scattering and a Precision Measurement of the Electron Neutral Current Couplings. Physical Review Letters, 1995, 74, 2880-2884. | 2.9 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 775 | Measurement of $\sigma_{\text{had}}^{\pm}$ from energy-energy correlations at the Z resonance. Physical Review D, 1994, 50, 5580-5590. | 1.6 | 11 |
| 776 | Precise Measurement of the Left-Right Cross Section Asymmetry in Z Boson Production by e^+e^- Collisions. Physical Review Letters, 1994, 73, 25-29. | 2.9 | 110 |
| 777 | Measurement of the charged multiplicity of $Z \rightarrow b\bar{b}$ events. Physical Review Letters, 1994, 72, 3145-3149. | 2.9 | 19 |
| 778 | Performance of a longitudinally-segmented CsI(Tl) array suitable for a detector in a low or medium energy e^+e^- storage ring. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 344, 547-557. | 0.7 | 1 |
| 779 | First measurement of the left-right cross section asymmetry in Z boson production by e^+e^- collisions. Physical Review Letters, 1993, 70, 2515-2520. | 2.9 | 61 |
| 780 | FIRST MEASUREMENT OF THE LEFT-RIGHT ASYMMETRY IN Z-BOSON PRODUCTION. Modern Physics Letters A, 1993, 08, 2237-2248. | 0.5 | 3 |
| 781 | Measurement of $\sigma_{\text{had}}^{\pm}$ from jet rates at the Z resonance. Physical Review Letters, 1993, 71, 2528-2532. | 2.9 | 17 |
| 782 | A prototype silicon preradiator for the SSC. IEEE Transactions on Nuclear Science, 1993, 40, 563-568. | 1.2 | 2 |
| 783 | Measurement of the charged multiplicity of events containing bottom hadrons at $\sqrt{s}=91\text{ GeV}$. Physical Review D, 1992, 46, 453-456. | 1.6 | 14 |
| 784 | First results from the SLD silicon calorimeters. IEEE Transactions on Nuclear Science, 1992, 39, 1242-1248. | 1.2 | 11 |
| 785 | A luminosity monitor for the Mark II detector at the SLC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 317, 453-462. | 0.7 | 1 |
| 786 | Measurement of the total hadronic cross section in e^+e^- annihilation at $\sqrt{s}=29\text{ GeV}$. Physical Review D, 1991, 43, 34-45. | 1.6 | 6 |
| 787 | Measurement of the $b\bar{b}$ fraction in hadronic Z decays with precision vertex detectors. Physical Review Letters, 1991, 67, 3347-3350. | 2.9 | 16 |
| 788 | Search for elastic nondiagonal lepton-pair production in e^+e^- annihilation at $\sqrt{s}=29\text{ GeV}$. Physical Review Letters, 1991, 66, 1007-1010. | 2.9 | 9 |
| 789 | A reanalysis of $B^0\text{-}\bar{B}^0$ mixing in e^+e^- annihilation at 29 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 289-296. | 1.5 | 11 |
| 790 | Direct search for pair production of heavy stable charged particles in Z decays. Physical Review Letters, 1990, 64, 2980-2983. | 2.9 | 7 |
| 791 | Search for nonminimal neutral Higgs bosons from Z-boson decays. Physical Review Letters, 1990, 64, 2881-2884. | 2.9 | 7 |
| 792 | Search for doubly charged Higgs scalars in Z decay. Physical Review Letters, 1990, 64, 2877-2880. | 2.9 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 793 | Measurements of charged-particle inclusive distributions in hadronic decays of the Z boson. Physical Review Letters, 1990, 64, 1334-1337. | 2.9 | 45 |
| 794 | Measurement of the $b\bar{b}$ fraction in hadronic Z decays. Physical Review Letters, 1990, 64, 1211-1214. | 2.9 | 19 |
| 795 | Search for long-lived massive neutrinos in Z decays. Physical Review Letters, 1990, 64, 1091-1094. | 2.9 | 8 |
| 796 | Upper limits on D^{\pm} and B^{\pm} decays to two leptons plus \bar{e}^{\pm} or K^{\pm} . Physical Review D, 1990, 41, 1384-1388. | 1.6 | 15 |
| 797 | Searches for supersymmetric particles produced in Z-boson decay. Physical Review Letters, 1990, 64, 2984-2987. | 2.9 | 23 |
| 798 | Determination of Γ_{τ} from a differential-jet-multiplicity distribution in e^+e^- collisions at $\sqrt{s} = 29$ and 91 GeV. Physical Review Letters, 1990, 64, 987-990. | 2.9 | 59 |
| 799 | Measurement of the B^0 -meson lifetime. Physical Review Letters, 1990, 64, 1095-1098. | 2.9 | 13 |
| 800 | Search for decays of the Z to unstable neutral leptons with mass between 2.5 and 22 GeV. Physical Review D, 1990, 41, 3542-3545. | 1.6 | 4 |
| 801 | Measurement of Z decays into lepton pairs. Physical Review Letters, 1989, 63, 2780-2783. | 2.9 | 16 |
| 802 | Measurements of Z-boson resonance parameters in e^+e^- annihilation. Physical Review Letters, 1989, 63, 2173-2176. | 2.9 | 146 |
| 803 | First observation of beamstrahlung. Physical Review Letters, 1989, 62, 2381-2384. | 2.9 | 20 |
| 804 | Searches for new quarks and leptons produced in Z-boson decay. Physical Review Letters, 1989, 63, 2447-2451. | 2.9 | 39 |
| 805 | First measurements of hadronic decays of the Z boson. Physical Review Letters, 1989, 63, 1558-1561. | 2.9 | 31 |
| 806 | Searches for nonminimal Higgs bosons from a virtual Z decaying into a muon pair at the SLAC e^+e^- storage ring PEP. Physical Review D, 1989, 40, 721-728. | 1.6 | 1 |
| 807 | Studies of intermediate vector boson production and decay in UA1 at the CERN proton-antiproton collider. Zeitschrift für Physik C-Particles and Fields, 1989, 44, 15-61. | 1.5 | 99 |
| 808 | Search for B-decay to Higgs bosons for Higgs boson masses between 50 and 210 MeV/c ² . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 229, 169-174. | 1.5 | 6 |
| 809 | A monitor for gamma radiation at zero degrees from the SLC collision point. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 277, 297-303. | 0.7 | 6 |
| 810 | The Mark II detector for the SLC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 281, 55-80. | 0.7 | 68 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 811 | Initial measurements of Z-boson resonance parameters in e^+e^- annihilation. Physical Review Letters, 1989, 63, 724-727. | 2.9 | 131 |
| 812 | Heavy flavor resonances and QED radiative corrections. Nuclear Physics B, 1989, 320, 45-60. | 0.9 | 29 |
| 813 | Determination of Γ_{had} from energy-energy correlations in e^+e^- annihilation at 29 GeV. Physical Review D, 1988, 37, 3091-3102. | 1.6 | 15 |
| 814 | Multihadronic events at $\sqrt{s}=29$ GeV and predictions of QCD models from $\sqrt{s}=29$ GeV to $\sqrt{s}=93$ GeV. Physical Review D, 1988, 37, 1-27. | 1.6 | 114 |
| 815 | Radiative corrections to the Z0 resonance. Physical Review D, 1988, 37, 56-70. | 1.6 | 27 |
| 816 | Measurement of the D0 lifetime from the upgraded Mark II detector at the SLAC e^+e^- storage ring PEP. Physical Review D, 1987, 36, 2850-2853. | 1.6 | 6 |
| 817 | Beauty production at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 186, 237-246. | 1.5 | 118 |
| 818 | Search for oscillations at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 186, 247-254. | 1.5 | 186 |
| 819 | Production of W's with large transverse momentum at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 193, 389-398. | 1.5 | 47 |
| 820 | Events with large missing transverse energy at the CERN collider: III. Mass limits on supersymmetric particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 198, 261-270. | 1.5 | 120 |
| 821 | Intermediate vector boson cross sections at the CERN super proton synchrotron collider and the number of neutrino types. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 198, 271-280. | 1.5 | 72 |
| 822 | Events with large missing transverse energy at the CERN collider: I. $W^+\tau^-\nu_\tau$ decay and test of $\tau \rightarrow \nu_\tau e \bar{\nu}_e$ universality at $Q^2 = m_W^2$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 185, 233-240. | 1.5 | 63 |
| 823 | Events with large missing transverse energy at the CERN collider: II. search for the decays of W^\pm into heavy leptons and of Z0 into non-interacting particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 185, 241-248. | 1.5 | 75 |
| 824 | Analysis of the highest transverse energy events seen in the UA 1 detector at the SPS p-p collider. Zeitschrift für Physik C-Particles and Fields, 1987, 36, 33-43. | 1.5 | 13 |
| 825 | Analysis of the fragmentation properties of quark and gluon jets at the CERN SPS p-p collider. Nuclear Physics B, 1986, 276, 253-271. | 0.9 | 42 |
| 826 | Response of isolated guinea pig myocardium to insulin therapy during normothermia and graded hypothermia. Resuscitation, 1986, 13, 107-113. | 1.3 | 5 |
| 827 | Measurement of the inclusive jet cross section at the CERN p-p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 172, 461-466. | 1.5 | 94 |
| 828 | Angular distributions for high-mass jet pairs and a limit on the energy scale of compositeness for quarks from the CERN p-p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 177, 244-250. | 1.5 | 56 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 829 | Recent results on intermediate vector boson properties at the CERN super proton synchrotron collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 166, 484-490. | 1.5 | 81 |
| 830 | Intermediate-Vector-Boson Properties at the CERN Super Proton Synchrotron Collider. Europhysics Letters, 1986, 1, 327-345. | 0.7 | 44 |
| 831 | Comparison of three-jet and two-jet cross sections in $p\bar{p}$ collisions at the CERN SPS $p\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 158, 494-504. | 1.5 | 64 |
| 832 | Intermediate-mass dimuon events at the CERN p collider at $\sqrt{s} = 540$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 155, 442-456. | 1.5 | 24 |
| 833 | Experimental observation of events with large missing transverse energy accompanied by a jet or a photon (S) in p collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 139, 115-125. | 1.5 | 212 |
| 834 | Search for massive $e\bar{\nu}_e$ and $\nu_e\bar{\nu}_e$ final states at the CERN super proton synchrotron collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 135, 250-254. | 1.5 | 49 |
| 835 | D^0 production in jets at the CERN SPS collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 222-226. | 1.5 | 29 |
| 836 | Observation of muonic ZO-decay at the $p\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 241-248. | 1.5 | 42 |
| 837 | Angular distributions and structure functions from two-jet events at the CERN SPS collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 136, 294-300. | 1.5 | 110 |
| 838 | Observation of the muonic decay of the charged intermediate vector boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 134, 469-476. | 1.5 | 53 |
| 839 | Associated production of an isolated, large-transverse-momentum lepton (electron or muon), and two jets at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 493-508. | 1.5 | 197 |
| 840 | Experimental observation of lepton pairs of invariant mass around 95 GeV/c ² at the CERN SPS collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 126, 398-410. | 1.5 | 587 |
| 841 | Small angle elastic scattering at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 121, 77-82. | 1.5 | 26 |
| 842 | Hadronic jet production at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 132, 214-222. | 1.5 | 115 |
| 843 | Jet fragmentation into charged particles at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 132, 223-229. | 1.5 | 29 |
| 844 | Elastic and total cross section measurement at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 128, 336-342. | 1.5 | 89 |
| 845 | Search for centauro like events at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 122, 189-196. | 1.5 | 41 |
| 846 | Further evidence for charged intermediate vector bosons at the SPS collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 129, 273-282. | 1.5 | 194 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 847 | Charged particle multiplicity distributions in proton-antiproton collisions at 540 GeV centre of mass energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 123, 108-114. | 1.5 | 69 |
| 848 | Observation of jets in high transverse energy events at the CERN proton antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 123, 115-122. | 1.5 | 160 |
| 849 | Experimental observation of isolated large transverse energy electrons with associated missing energy at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 122, 103-116. | 1.5 | 747 |
| 850 | Transverse momentum spectra for charged particles at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 118, 167-172. | 1.5 | 263 |
| 851 | First observation of correlations between high transverse momentum charged particles in events from the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 118, 173-177. | 1.5 | 26 |
| 852 | Decrease of basal plasma histamine levels by application of atropine in man. Der Anaesthesist, 1982, 31, 172-3. | 0.5 | 1 |
| 853 | Some observations on the first events seen at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 107, 320-324. | 1.5 | 92 |