

Eleonora Luppi

List of Publications by Year in descending order

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Version: 2024-02-01

589
papers

25,902
citations

8181

76
h-index

13379

130
g-index

589
all docs

589
docs citations

589
times ranked

9087
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of Lepton Universality Using $\frac{B}{K} + \frac{\Gamma(B \rightarrow \hat{t}^*)}{\Gamma(B \rightarrow \hat{t}^*)}$ Observation of $\frac{J}{\tilde{t}^* p}$	7.8	845
2	Resonances Consistent with Pentaquark States in $\frac{B}{\tilde{t}^* p}$	7.8	816
3	Measurement of the Ratio of Branching Fractions $\frac{B}{\tilde{t}^* p}$	7.8	731
4			

#	ARTICLE	IF	CITATIONS
19	Determination of the electric and magnetic form factors of the proton in the time-like region. Nuclear Physics B, 1994, 411, 3-32.	2.5	155
20	Search for Dimuon Decays of a Light Scalar Boson in Radiative Transitions $\Upsilon \rightarrow \mu^+ \mu^- A_0$. Physical Review Letters, 2009, 103, 081803.	7.8	153
21	Evidence for the decay $X \rightarrow 3\pi^0$. Physical Review D, 2010, 82, ...	6.57	148
22	The BB detector: Upgrades, operation and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 729, 615-701.	1.6	148
23	Measurement of the $e^+e^- \rightarrow \mu^+\mu^- \gamma$ cross section at $\sqrt{s} = 1.02037$ GeV. Physical Review D, 2010, 82, ...		

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37	Observation of Time-Reversal Violation in the Study of Meson Decays Physical Review Letters, 2007, 98, 012001.	7.8	118
38	Measurement of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	4.7	117
39	Measurement of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	4.7	116
40	Observation of a Charmed Baryon Decaying to a Mass Near 2.94 GeV/c ² . Physical Review Letters, 2007, 98, 012001.	7.8	114
41	Proton electromagnetic form factors in the timelike region from 8.9 to 13.0 GeV ² . Physical Review Letters, 1993, 70, 1212-1215.	2.5	114
42	Search for $B \rightarrow X(3872)K^+, X(3872) \rightarrow \bar{D}^* \bar{D}^*$. Physical Review D, 2006, 74, .	7.8	113
43	Search for $B \rightarrow X(3872)K^+, X(3872) \rightarrow \bar{D}^* \bar{D}^*$. Physical Review D, 2006, 74, .	4.7	113
44	Measurement of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	4.7	113
45	Updated measurements of exclusive $\langle i \rangle \langle i \rangle / \hat{\Gamma}$ and $\bar{\Gamma}(2S)$ production cross-sections in $\langle i \rangle pp \langle i \rangle$ collisions at $\sqrt{s} = 7\text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	3.6	112
46	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
47	Search for Majorana Neutrinos in $B \rightarrow \bar{D}^* \bar{D}^* \bar{D}^*$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
48	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
49	Observation of an Excited Charm Baryon $\Lambda_c^* \rightarrow \Lambda_c \bar{D}^*$. Physical Review Letters, 2006, 97, 232001.	7.8	102
50	Measurement of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	4.7	100
51	Measurement of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	4.7	100
52	Measurement of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	4.7	99
53	Search for Lepton Flavor Violation in the Decay $\bar{B} \rightarrow \bar{D}^* e^+ \bar{\nu}_e$. Physical Review Letters, 2006, 96, 041801.	7.8	98

#	ARTICLE	IF	CITATIONS
55	<p>egrated luminosity recorded by the BABAR detector at the PEP-II collider. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectromete</p> <p>Measurement of time-dependent $C \times P$ asymmetry in $B \rightarrow K^0 \pi^0$ decays to $D^* K$ in inclusive e^+e^- interactions. Physical Review D, 2009, 80, .</p>	4.7	96
56	<p>Study of D_s decays to $D^* K$ in inclusive e^+e^- interactions. Physical Review D, 2009, 80, .</p> <p>Measurement of time-dependent $C \times P$ asymmetry in $B \rightarrow K^0 \pi^0$ decays to $D^* K$ in inclusive e^+e^- interactions. Physical Review D, 2009, 80, .</p>	4.7	96
57	<p>Study of D_s decays to $D^* K$ in inclusive e^+e^- interactions. Physical Review D, 2009, 80, .</p> <p>Measurement of time-dependent $C \times P$ asymmetry in $B \rightarrow K^0 \pi^0$ decays to $D^* K$ in inclusive e^+e^- interactions. Physical Review D, 2009, 80, .</p>	4.7	96

#	ARTICLE	IF	CITATIONS
73	Excited charm-strange baryons with evidence for new baryons Precision Measurement of the Energy Spectrum, Branching Fraction, and Direct	10.7	50737
74	Asymmetry	7.8	78
75	Measurement of the Fraction and Search for Dire.	7.8	78
76	Time-integrated and time-dependent angular analyses of ambiguity from strong phases.	4.7	77
77	Study of the reaction	4.7	77
78	Study of the reaction	4.7	77
79	Precision measurement of the of	4.7	77
80	Study of the reaction	4.7	74
81	Measurement of resonant and components in	4.7	73
82	Measurement of the production cross-section in proton	4.7	73
83			

#	ARTICLE	IF	CITATIONS
91	Search for Low-Mass Dark-Sector Higgs Bosons. Physical Review Letters, 2012, 108, 211801.	7.8	70
92	Evidence for direct CP violation from Dalitz-plot analysis of $B \rightarrow \pi^+ \pi^- K^0$. Physical Review D, 2008, 78, .	4.7	69
93	Measurement of the $B \rightarrow \pi^+ \pi^- K^0$ transition form factors at $q^2 = 1.12 \text{ GeV}^2$. Physical Review D, 2006, 74, .	4.7	69
94	Measurement of the $B \rightarrow \pi^+ \pi^- K^0$ transition form factors at $q^2 = 1.12 \text{ GeV}^2$. Physical Review D, 2006, 74, .	4.7	69
95	Measurement of the $B \rightarrow \pi^+ \pi^- K^0$ transition form factors at $q^2 = 1.12 \text{ GeV}^2$. Physical Review D, 2006, 74, .	4.7	67
96	Measurement of the $B \rightarrow \pi^+ \pi^- K^0$ transition form factors at $q^2 = 1.12 \text{ GeV}^2$. Physical Review D, 2006, 74, .	7.8	67
97	Measurement of the $B \rightarrow \pi^+ \pi^- K^0$ transition form factors at $q^2 = 1.12 \text{ GeV}^2$. Physical Review D, 2006, 74, .	4.7	67
98	Study of the χ_{c1} and χ_{c2} charmonium states formed in p annihilations. Nuclear Physics B, 1992, 373, 35-54.	2.5	66
99	Measurements of the magnetic form factor of the proton for timelike momentum transfers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 20-25.	4.1	65
100	Search for CP violation in the Decays $D^0 \rightarrow \pi^+ K^- + \text{c.c.}$ and $D^0 \rightarrow \pi^+ \pi^- K^0$. Physical Review Letters, 2008, 100, 061803.	7.8	65
101	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic $B \rightarrow \pi^+ \pi^- K^0$ decays, and determination of CP violation. Precision Measurement of $B \rightarrow \pi^+ \pi^- K^0$. Physical Review D, 2008, 78, .	4.7	65
102	Violation in $B \rightarrow \pi^+ \pi^- K^0$ transition form factors at $q^2 = 1.12 \text{ GeV}^2$. Physical Review D, 2006, 74, .	7.8	65
103	Results of a search for the $hc(1115)$ state of charmonium in the $B \rightarrow \pi^+ \pi^- K^0$ decay modes. Physical Review D, 2005, 72, .	4.7	64
104	Search for $B \rightarrow \pi^+ \pi^- K^0$ decays with hadronic B tags. Physical Review D, 2008, 77, .	4.7	64
105	Exclusive Branching-Fraction Measurements of Semileptonic $B \rightarrow \pi^+ \pi^- K^0$ Decays into Three Charged Hadrons, $B \rightarrow \pi^+ \pi^- K^0$, and $B \rightarrow \pi^+ \pi^- K^0$. Physical Review Letters, 2008, 100, 011801.	7.8	64
106	Dalitz plot analysis of the decay $B \rightarrow \pi^+ \pi^- K^0$. Physical Review D, 2006, 74, .	4.7	63
107	Cross sections for the reactions $B \rightarrow \pi^+ \pi^- K^0$. Physical Review D, 2008, 78, .	4.7	63
108	Measurement of the $B \rightarrow \pi^+ \pi^- K^0$ transition form factors at $q^2 = 1.12 \text{ GeV}^2$. Physical Review D, 2006, 74, .	4.7	61

#	ARTICLE	IF	CITATIONS
109	Measurement of $\langle \sigma_{\text{had}} \rangle$ in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 132001.	7.8	61
110	Measurement of the \tilde{g} and \tilde{a} resonance parameters in $\tilde{\chi}^0$ annihilation. Physical Review D, 1993, 47, 772-783.	4.7	60
111	Observation of the Decay $B \rightarrow \tau^+ \nu_\tau$ and Search for $X(3872) \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2004, 93, 041801.	7.8	59
112	Violation in $B \rightarrow C^+ P$ Dalitz plot analysis of $B \rightarrow \bar{A}^0 \tau^+ \nu_\tau$. Physical Review Letters, 2007, 99, 021603.	7.8	59
113	Dalitz plot analysis of $B \rightarrow \bar{A}^0 \tau^+ \nu_\tau$. Physical Review D, 2009, 79, .	4.7	59
114	Determination of the Branching Fraction for $B \rightarrow X c \bar{a}$, $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. Physical Review Letters, 2004, 93, .	7.8	58
115	Observation of $B \rightarrow K^0 K^+ K^-$ and $B \rightarrow K^0 K^+ K^0$. Physical Review Letters, 2006, 97, 171805.	7.8	58
116	Measurement of the Branching Fraction and Photon Energy Moments of $B \rightarrow X s^0 \gamma$ and $ACP(B \rightarrow X s^0 d^0)$. Physical Review Letters, 2006, 97, 171803.	7.8	58
117	Measurements of $B \rightarrow \tau^+ \nu_\tau \gamma$ and $B \rightarrow \tau^+ \nu_\tau \gamma$. Physical Review Letters, 2007, 99, 021801.	4.7	58
118	B meson decays to $\tilde{g}^0 K^*$, $\tilde{g}^0 \tilde{\chi}^0$, $\tilde{g}^0 \tilde{\chi}^0 \tilde{\chi}^0$, $\tilde{g}^0 \tilde{\chi}^0 \tilde{\chi}^0$, and $\tilde{g}^0 \tilde{\chi}^0 \tilde{\chi}^0$. Physical Review D, 2004, 70, .	4.7	56
119	Lorentz Violation in $B \rightarrow C^+ P$ and $B \rightarrow C^+ T$ decays. Physical Review Letters, 2007, 99, 021801.	7.8	56
120	Evidence for Direct CP Violation in the Measurement of the Cabbibo-Kobayashi-Maskawa Angle β with $B \rightarrow \tau^+ D^{(*)} K^{(*)}$ Decays. Physical Review Letters, 2010, 105, 121801.	7.8	56
121	Measurement of the electromagnetic form factor of the proton in the time-like region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 431-434.	4.1	55
122	Measurement of the $B \rightarrow \tau^+ \nu_\tau \gamma$ Form-Factor Shape and Branching Fraction, and Determination of $ V_{ub} $ with a Loose Neutrino Reconstruction Technique. Physical Review Letters, 2007, 98, 091801.	7.8	55
123	Search for Hadronic Decays of a Light Higgs Boson in the Radiative Decay $\tilde{\chi}^0 \rightarrow \gamma^* \tilde{A}^0$. Physical Review Letters, 2011, 107, 221803.	7.8	55
124	Search for a Low-Mass Higgs Boson in $\tilde{\chi}^0(3S) \rightarrow \tilde{A}^0, \tilde{A}^0 \tau^+ \nu_\tau, \tilde{A}^0 \tau^+ \nu_\tau$ at BABAR. Physical Review Letters, 2009, 103, 181801.	8.0	54
125	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \tau^+ \nu_\tau$. Physical Review D, 2004, 70, .	4.7	53
126	Exclusive measurements of $b \rightarrow c$ transition rate and photon energy spectrum. Physical Review D, 2012, 86, .	4.7	53

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127	Measurement of $\psi(2S)$ $\bar{\psi}(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
128	Evidence for $\bar{\Lambda}\Lambda$ resonances in antiproton-proton annihilations at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 394-398.	4.1	52
129	Measurement of the hadronic form factor in $D \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2007, 76, .	4.7	52
130	Measurements of the semileptonic decays $D \rightarrow \pi^0 \ell^+ \ell^-$ and constraints on the CKM angle β . Physical Review D, 2007, 76, .	4.7	52
131	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
132	Study of $B \rightarrow \pi^0 \pi^0$ and constraints on the CKM angle β . Physical Review D, 2007, 76, .	4.7	51
133	Determination of the form factors for the decay $B \rightarrow \pi^0 \pi^0$. Search for the $B \rightarrow \pi^0 \pi^0$ decay. Physical Review D, 2007, 76, .	4.7	50
134	Search for the $B \rightarrow \pi^0 \pi^0$ decay. Physical Review D, 2007, 76, .	4.7	50
135	Study of $B \rightarrow \pi^0 \pi^0$ and constraints on the CKM angle β . Physical Review D, 2007, 76, .	4.1	50
136	First observation and amplitude analysis of the $B \rightarrow \pi^0 \pi^0$ decay. Physical Review D, 2007, 76, .	4.7	50
137	Study of $B \rightarrow \pi^0 \pi^0$ and constraints on the CKM angle β . Physical Review D, 2007, 76, .	4.7	49
138	Dalitz plot analysis of $B \rightarrow \pi^0 \pi^0$. Physical Review D, 2009, 79, .	4.7	49
139	Search for Production of Invisible Final States in Single-Photon Decays of $B \rightarrow \pi^0 \pi^0$. Production of charged pions, kaons, and protons in $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2007, 76, .	7.8	49
140	Production of charged pions, kaons, and protons in $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2007, 76, .	4.7	49
141	Study of the $D_s(2317)$ and $D_s(2460)$ mesons in inclusive e^+e^- production near $\sqrt{s} = 10.6$ GeV. Physical Review D, 2006, 74, .	4.7	48
142	Search for Invisible Decays of the $B \rightarrow \pi^0 \pi^0$ decay. Physical Review D, 2007, 76, .	7.8	48
143	Observation of the Decay $B \rightarrow \pi^0 \pi^0$. Physical Review Letters, 2007, 99, 221801.	7.8	47
144	Study of $B \rightarrow \pi^0 \pi^0$ and constraints on the CKM angle β . Physical Review D, 2008, 77, .	4.7	47

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145	Measurements of Charged Current Lepton Universality and $ V_{cb} $ Using Tau Lepton Decays to $\tau \rightarrow \mu \nu_\mu \nu_\tau$. Physical Review Letters, 2010, 101, 011801.	7.8	47
146	Limits on $B \rightarrow \ell \bar{\nu}_\ell \nu_\tau$ lepton-flavor violating decays into three charged leptons. Physical Review D, 2010, 81, .	4.7	47
147	Observation of Two New $B \rightarrow \mu \nu_\mu \nu_\tau$ Resonances. Physical Review Letters, 2015, 114, 062004.	7.8	47
148	Measurements of Branching Fractions, Polarizations, and Direct CP-Violation Asymmetries in $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2006, 97, 201801.	7.8	46
149	Observation of Photon Polarization in the $B \rightarrow \mu \nu_\mu \nu_\tau$ Transition. Physical Review Letters, 2014, 112, 161801.	7.8	46
150	Measurement of the $B \rightarrow \mu \nu_\mu \nu_\tau$ branching fraction. Physical Review D, 2007, 76, .	4.7	45
151	Time-dependent and time-integrated angular analysis of $B \rightarrow \mu \nu_\mu \nu_\tau$. Physical Review D, 2010, 81, .	4.7	45
152	Measurement of the $B \rightarrow \mu \nu_\mu \nu_\tau$ form factor. Physical Review D, 2010, 81, .	4.7	45
153	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, .	4.7	44
154	Cross sections for the reactions $B \rightarrow \mu \nu_\mu \nu_\tau$. Physical Review D, 2014, 89, .	4.7	44
155	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	3.9	44
156	Search for the Decay $B \rightarrow K^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2005, 94, 101801.	7.8	43
157	Improved Limits on the Lepton-Flavor Violating Decays $B \rightarrow \ell \bar{\nu}_\ell \nu_\tau$. Physical Review Letters, 2007, 99, 251803.	7.8	43
158	Dalitz plot analysis of $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2011, 83, .	4.7	43
159	Measurement of the $B \rightarrow \mu \nu_\mu \nu_\tau$ meson lifetime using $B \rightarrow \mu \nu_\mu \nu_\tau$. European Physical Journal C, 2014, 74, 2839.	3.9	43
160	Observation of $B \rightarrow \mu \nu_\mu \nu_\tau$ (4S) Decays to $B \rightarrow \mu \nu_\mu \nu_\tau$ (1S) and $B \rightarrow \mu \nu_\mu \nu_\tau$ (2S). Physical Review Letters, 2006, 96, 232001.	7.8	42
161	Observation of B Meson Decay to $B \rightarrow \mu \nu_\mu \nu_\tau$. Physical Review Letters, 2006, 97, 051802.	7.8	42
162	Search for Lepton Flavor Violating Decays $B \rightarrow \ell \bar{\nu}_\ell \nu_\tau$. Physical Review Letters, 2007, 98, 061803.	7.8	42

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163	Time-dependent amplitude analysis of $B^0 \rightarrow D^+ D_s^-$. Physical Review D, 2009, 80, .	4.7	42
164	Searches for rare or forbidden semileptonic charm decays. Physical Review D, 2011, 84, .	4.7	42
165	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $B^0 \rightarrow D^+ D_s^-$. Physical Review D, 2011, 84, .	4.7	42
166	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	1.2	42
167	Measurement of the proton electromagnetic form factor near threshold in the time-like region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 149-154.	4.1	41
168	Measurement of the Pseudoscalar Decay Constant D_s Using Charm-Tagged Events in e^+e^- Collisions at $\sqrt{s} = 10.58$ GeV. Physical Review Letters, 2007, 98, 141801.	7.8	41
169	Vector-Tensor and Vector-Vector Decay Amplitude Analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$. Physical Review Letters, 2007, 98, 051801.	7.8	41
170	Measurement of C^+ and P^+ asymmetries and branching fractions in charmless two-body $B \rightarrow \pi\pi$ meson decays to pions and kaons. Physical Review D, 2013, 87, .	4.7	41
171	Search for $B \rightarrow \pi^+ \pi^-$. Physical Review D, 2007, 76, .	4.7	40
172	Measurement of the CP-violating phase $\arg(\frac{V_{cb} V_{cd}^*}{V_{ub} V_{ud}^*})$. Physical Review Letters, 2007, 98, 051801.	4.1	40
173	Measurement of $B \rightarrow \pi^+ \pi^-$ and $B \rightarrow \pi^+ \pi^- K^0$. Physical Review D, 2015, 91, .	4.7	40
174	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in B meson oscillations. Physical Review D, 2004, 70, .	4.7	39
175	Measurements of C^+ and P^+ asymmetries in the $B \rightarrow \pi^+ \pi^-$ decay. Physical Review Letters, 2007, 98, 161802.	7.8	39
176	Measurement of CP Violation Parameters with a Dalitz Plot Analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$. Physical Review Letters, 2007, 99, 251801.	7.8	39
177	Improved measurements of the branching fractions for $B^0 \rightarrow \pi^+ \pi^- K^0$ and $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$. Physical Review D, 2007, 75, .	4.7	39
178	Measurement of $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow \pi^+ \pi^- K^0$. Physical Review D, 2015, 91, .	4.7	39
179	Measurement of $B \rightarrow \pi^+ \pi^-$ and $B \rightarrow \pi^+ \pi^- K^0$. Physical Review D, 2015, 91, .	4.7	39
180	Study of the kinematic dependences of $\hat{\Gamma}(b \rightarrow 0)$ production in pp collisions and a measurement of the $\hat{\Gamma}(b \rightarrow 0)$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39

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181	Measurement of CP asymmetries in $B^0 \rightarrow \pi^+ K^0$ and $B^0 \rightarrow \pi^+ K^0$ decays. Physical Review D, 2005, 71, .	4.7	38
182	Dalitz plot analysis of $D_s \rightarrow \pi^+ \pi^- \pi^+$. Physical Review D, 2009, 79, .	4.7	38
183	First measurement of the neutron electromagnetic form factor in the time-like region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 283-287.	4.1	37
184	Study of the angular distributions of the reactions $p \bar{p} \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 2002, 65, .	4.7	37
185	Amplitude analysis of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 2005, 72, .	4.7	37
186	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ Branching Fraction and Determination of $ V_{ub} $ with Tagged B Mesons. Physical Review Letters, 2006, 97, 211801.	7.8	37
187	Measurement of decay amplitudes of $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 2007, 76, .	4.7	37
188	Measurement of $D^0 \rightarrow \pi^+ \pi^-$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow \pi^+ K^0$, $D^0 \rightarrow \pi^+ K^+$, and $D^0 \rightarrow \pi^+ \pi^+$. Physical Review D, 2008, 78, .	4.7	37
189	Measurement of Branching Fractions and Charge Asymmetries for Exclusive B Decays to Charmonium. Physical Review Letters, 2005, 94, 141801.	7.8	36
190	Measurement of the Branching Fractions of $B \rightarrow \pi^+ \pi^- \pi^0$ Decays in Events Tagged by a Fully Reconstructed B . Physical Review Letters, 2008, 101, 261802.	7.8	36
191	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
192	Measurement of the absolute branching fractions for $B \rightarrow \pi^+ \pi^- \pi^0$ and extraction of the decay constant f_{B^0} . Physical Review D, 2010, 82, .	4.7	35
193	Search for the Rare Decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ at BABAR. Physical Review Letters, 2006, 96, 241802.	7.8	34
194	Improved Measurement of CP Violation in Neutral B Decays to $\pi^+ \pi^-$. Physical Review Letters, 2007, 99, 171803.	7.8	34
195	Measurement of $D^0 \rightarrow \pi^+ \pi^-$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow \pi^+ \pi^0$. Physical Review D, 2011, 83, .	4.7	34
196	Analysis of the $D^0 \rightarrow \pi^+ \pi^-$ channel. Physical Review D, 2011, 83, .	4.7	34
197	Measurement of $D^0 \rightarrow \pi^+ \pi^-$ mixing and CP violation in two-body D^0 decays. Physical Review D, 2013, 87, .	4.7	34
198	Search for Long-Lived Particles in $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2015, 114, 171801.	7.8	34

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199	Limits on the Decay-Rate Difference of Neutral B Mesons and on CP, T, and CPT Violation in B ⁰ Oscillations. Physical Review Letters, 2004, 92, 181801.	7.8	33
200	Observation of the χ_{c1} production in the decay $B^0 \rightarrow \chi_{c1} D^0$. Physical Review Letters, 2007, 98, 181803.	4.7	33
201	Search for $B^0 \rightarrow \chi_{c1} D^0$ decays. Physical Review Letters, 2007, 98, 181803.	4.7	33
202	Search for $B^0 \rightarrow \chi_{c1} D^0$ decays. Physical Review Letters, 2007, 98, 181803.	4.7	33
203	Measurement of the $B^0 \rightarrow \chi_{c1} D^0$ branching fraction. Physical Review Letters, 2007, 98, 181803.	7.8	33
204	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B^0 \rightarrow \pi^+ \pi^- D^{*0}$ decays. Physical Review D, 2013, 87, .	4.7	33
205	Study of $\bar{\nu}_e$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
206	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
207	Measurement of the Γ^3 partial width of the χ_{c2} charmonium resonance. Physical Review Letters, 1993, 70, 2988-2991.	7.8	32
208	Study of the $\chi_{c1}(11S0)$ state of charmonium formed in $\bar{p}n$ annihilations and a search for the $\chi_{c1}(21S0)$. Physical Review D, 1995, 52, 4839-4854.	4.7	32
209	Measurements of CP-Violating Asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2007, 98, 181803.	7.8	32
210	Measurement of $B^0 \rightarrow \pi^+ \pi^-$ Branching Fractions and CP and Isospin Asymmetries. Physical Review Letters, 2009, 103, 211802.	7.8	32
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239	Search for $D^0 \rightarrow D^0$ mixing using doubly flavor tagged semileptonic decay modes. Physical Review D, 2007, 76, .	4.7	29
240	Measurement of Semileptonic B Decays into Orbitally Excited Charmed Mesons. Physical Review Letters, 2009, 103, 051803.	7.8	29
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257	Measurement of time-dependent C and P asymmetry in $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2008, 77, .	4.7	27
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300	Search for CP Violation using T-odd correlations in $D \rightarrow \bar{K}^* K + \bar{K}^* K^*$ decays. Physical Review D, 2010, 81, .	4.7	23
301	Search for CP Violation in the decay $D \rightarrow \bar{K}^* K$. Physical Review D, 2011, 83, .	4.7	23
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332	Search for CP violation in the decay $B \rightarrow K^* \pi^0$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.7	19
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338	Observation of B Meson Decays to $B \rightarrow K^* \pi^0$. Physical Review Letters, 2007, 99, 241803.	7.8	18
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341	Measurement of the semileptonic decays $B \rightarrow K^* \pi^0$ and $B \rightarrow K^* \pi^0$. Physical Review D, 2009, 79, .	4.7	18
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348	Search for $B \rightarrow D \pi$ transitions. Physical Review D, 2009, 80, . Measurement of the $D^* \rightarrow D \pi$ natural linewidth and the $D^* \rightarrow D \pi$ branching fraction. Physical Review D, 2010, 82, .	4.7	17
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354	Branching Fractions and CP Asymmetries in $B \rightarrow K^* K$ and $B \rightarrow K^* K_S$ decays. Physical Review Letters, 2004, 93, 181805.	7.8	16
355	Search for CP violation and a measurement of the relative branching fraction in $D^* \rightarrow K^* K$ decays. Physical Review D, 2005, 71, .	4.7	16
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357	Evidence for charm production in $B \rightarrow D^* \pi$ decays. Physical Review D, 2007, 75, .	7.8	16
358	Inclusive $c \rightarrow s$ production in $e^+ e^-$ annihilations at $\sqrt{s} = 10.54$ GeV and $\psi(4S)$ decays. Physical Review D, 2007, 75, .	7.5	16
359	Measurements of Partial Branching Fractions for $B \rightarrow X \ell^+ \ell^-$ and Determination of $ V_{ub} $. Physical Review Letters, 2008, 100, 171802.	7.8	16
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363	Observation of the rare decay $B \rightarrow \mu^+ \mu^- \nu \nu$ measurement of the quasi-two-body contributions Physical Review D, 2011, 84, .	4.7	16
364	Branching fraction measurements of the color-suppressed decays $B \rightarrow D^{(*)} \ell^+ \ell^-$, $D^{(*)} \ell^+ \ell^-$, and $D^{(*)} \ell^+ \ell^-$ and measurement of the polarization in the decay $B \rightarrow D^{(*)} \ell^+ \ell^-$. Physical Review D, 2011, 84, .	4.7	16
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369	Search for $B \rightarrow \ell^+ \ell^-$ and $B_0 \rightarrow \ell^+ \ell^-$ decays. Physical Review D, 2006, 74, .	4.7	15
370	Measurement of Branching Fractions and Resonance Contributions for $B_0 \rightarrow D^* \ell^+ \ell^-$ and Search for $B_0 \rightarrow D^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2006, 96, 011803.	7.8	15
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372	Search for $B \rightarrow \mu^+ \mu^- \nu \nu$ decays. Physical Review D, 2008, 78, .	4.7	15
373	Measurement of the branching fractions of the radiative charm decays $D_0 \rightarrow K^* \ell^+ \ell^-$ and $D_0 \rightarrow \ell^+ \ell^-$. Physical Review D, 2008, 78, .	4.7	15
374	Measurement of the branching fraction and $\hat{\Gamma}^{\pm}$ polarization in $B_0 \rightarrow \ell^+ \ell^- \pi^{\pm}$. Physical Review D, 2009, 79, .	4.7	15
375	Study of $\Upsilon(3S, 2S) \rightarrow \ell^+ \ell^- \Upsilon(1S)$ and $\Upsilon(3S, 2S) \rightarrow \ell^+ \ell^- \Upsilon(1S)$ hadronic transitions. Physical Review D, 2011, 84, .	4.7	15
376	Branching fraction measurement of $B \rightarrow \mu^+ \mu^- \nu \nu$ decays. Physical Review D, 2013, 87, .	4.7	15
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385	Measurement of the angular distribution in $B \rightarrow K^* K^{\pm}$ decays. Physical Review Letters, 2004, 92, 251802.	4.1	14
386	Study of the decay $B \rightarrow D^* \bar{K}^* K^{\pm}$. Physical Review D, 2006, 74, .	4.7	14
387	B-meson decays to $K^* \bar{K}^* K^{\pm}$, $K^* \bar{K}^* K^0$, and $K^* \bar{K}^* K^{\pm}$. Physical Review D, 2006, 74, .	4.7	14
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