

Janis A Mckenna

List of Publications by Year in Descending Order

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

226
papers

7,336
citations

43
h-index

76
g-index

242
ext. papers

8,509
ext. citations

5
avg, IF

2.91
L-index

#	Paper	IF	Citations
226	Observation of the Decay $D^{\{0\}} \rightarrow K^{\{-\}} \pi^{\{+\}} e^{\{+\}} e^{\{-\}}$. <i>Physical Review Letters</i> , 2019 , 122, 081802	7.4	4
225	Search for a Stable Six-Quark State at BABAR. <i>Physical Review Letters</i> , 2019 , 122, 072002	7.4	7
224	Nonunique and nonuniform mapping in few-body Coulomb-explosion imaging. <i>Physical Review A</i> , 2018 , 97,	2.6	3
223	Study of the reactions $e^+e^- \rightarrow \pi^0 \pi^0 \pi^0$ and $\pi^0 \pi^0 \pi^0$ at center-of-mass energies from threshold to 4.35 GeV using initial-state radiation. <i>Physical Review D</i> , 2018 , 98,	4.9	7
222	Measurement of $\cos 2\phi$ in $B^0 \rightarrow D^{(*)} h^0$ with $D \rightarrow KS^0 \pi^0$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , 2018 , 98,	4.9	6
221	Search for Low-Mass Dark Sector New Physics States at BABAR. <i>Journal of Physics: Conference Series</i> , 2018 , 1137, 012041	0.3	1
220	Measurement of the $\pi^0 \rightarrow \pi^0$ transition form factor. <i>Physical Review D</i> , 2018 , 98,	4.9	11
219	Search for the decay mode $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review D</i> , 2018 , 98,	4.9	1
218	First Evidence for $\cos 2\phi_0$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018 , 121, 261801	7.4	4
217	Measurement of the spectral function for the $B \rightarrow K^* K^* S^0$ decay. <i>Physical Review D</i> , 2018 , 98,	4.9	12
216	Study of $\eta(1S)$ radiative decays to $\pi^0 \pi^0$ and $K^+ K^-$. <i>Physical Review D</i> , 2018 , 97,	4.9	2
215	Study of the process $e^+e^- \rightarrow \pi^0 \pi^0$ using initial state radiation. <i>Physical Review D</i> , 2018 , 97,	4.9	8
214	Search for $B^{\{+\}} \rightarrow K^{\{+\}} \pi^{\{+\}} \pi^{\{-\}}$ at the BaBar Experiment. <i>Physical Review Letters</i> , 2017 , 118, 031802	7.4	24
213	Search for Invisible Decays of a Dark Photon Produced in $e^{\{+\}} e^{\{-\}}$ Collisions at BaBar. <i>Physical Review Letters</i> , 2017 , 119, 131804	7.4	113
212	Cross sections for the reactions $e^+e^- \rightarrow KS^0 K^* L^0$, $KS^0 K^* L^0$ and $KS^0 K^* L^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4.9	12
211	Dalitz plot analyses of $J/\psi \rightarrow \pi^0 \pi^0$, $J/\psi \rightarrow K^+ K^-$, and $J/\psi \rightarrow K^0 \bar{K}^0$ produced via e^+e^- annihilation with initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4.9	5
210	Measurement of the inclusive electron spectrum from B meson decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2017 , 95,	4.9	9

209	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , 2017 , 96,	4.9	13
208	Measurement of the $D^{*+}(2010)^+-D^{*+}$ Mass Difference. <i>Physical Review Letters</i> , 2017 , 119, 202003	7.4	1
207	Measurement of the $e^+e^- \rightarrow K_S^0 K_{S^*}^0$ and $K_S^0 K_{S^*}^0$ cross sections using initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4.9	5
206	Evidence for CP violation in $B^{*+} \rightarrow K^*(892)^+ \pi^0$ from a Dalitz plot analysis of $B^{*+} \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2017 , 96,	4.9	2
205	Measurement of the $I=1/2$ $K\bar{B}$ -wave amplitude from Dalitz plot analyses of $\bar{B} \rightarrow KK\pi\pi$ in two-photon interactions. <i>Physical Review D</i> , 2016 , 93,	4.9	6
204	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^{*+} X \pi^0$ and kaon tagging. <i>Physical Review D</i> , 2016 , 93,	4.9	2
203	Time-dependent analysis of $B^0 \rightarrow K_S^0 \pi^0$ decays and studies of the $K+\bar{K}$ system in $B^{*+} \rightarrow K+\pi^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	10
202	Measurement of angular asymmetries in the decays $B \rightarrow K^* \pi \pi$ <i>Physical Review D</i> , 2016 , 93,	4.9	20
201	Measurement of the neutral D meson mixing parameters in a time-dependent amplitude analysis of the $D^0 \rightarrow \pi^0 \pi^0$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	7
200	Observation of $B \rightarrow D^{*+} \pi^+ \pi^0 \pi^0$ Decays in e^+e^- Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7.4	8
199	Measurement of the $B^0 \rightarrow D^{*+} \pi^0$ branching fraction. <i>Physical Review D</i> , 2016 , 94,	4.9	5
198	Low-energy e^+e^- Hadronic Cross-Section Measurements and Implications for $(g-2)$ of the Muon. <i>Journal of Physics: Conference Series</i> , 2016 , 770, 012037	0.3	
197	Tests of CPT symmetry in $B^0\bar{B}^0$ mixing and in $B^0 \rightarrow cc\bar{K}^0$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	4
196	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , 2016 , 94,	4.9	66
195	Measurement of the branching fractions of the radiative leptonic \bar{B} decays $\bar{B} \rightarrow e\pi$ and $\bar{B} \rightarrow \pi\pi$ at BABAR. <i>Physical Review D</i> , 2015 , 91,	4.9	8
194	Study of $B_{\bar{B},0}^0 \rightarrow J/\psi + K_{\bar{B},0}^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , 2015 , 91,	4.9	27
193	Study of CP asymmetry in $B^0\text{-}B^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13
192	Search for Long-Lived Particles in e^+e^- Collisions. <i>Physical Review Letters</i> , 2015 , 114, 171801	7.4	19

191	Dalitz plot analyses of $B^0 \rightarrow D^0 D^0 K^+$ and $B^+ \rightarrow D^0 D^0 K^+$ decays. <i>Physical Review D</i> , 2015 , 91,	4.9	22
190	Measurement of the $D^0 \rightarrow \bar{B} + \bar{B}$ differential decay branching fraction as a function of q^2 and study of form factor parametrizations. <i>Physical Review D</i> , 2015 , 91,	4.9	23
189	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , 2015 , 91,	4.9	7
188	Study of the $e^+e^- \rightarrow K^+K^-$ reaction in the energy range from 2.6 to 8.0 GeV. <i>Physical Review D</i> , 2015 , 92,	4.9	7
187	Measurement of initial-state-final-state radiation interference in the processes $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow \mu^+\mu^- \gamma$. <i>Physical Review D</i> , 2015 , 92,	4.9	6
186	First Observation of CP Violation in $B^0 \rightarrow D_{CP}^{(*)} h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , 2015 , 115, 121604	7.4	10
185	Observation of the baryonic decay $B^0 \rightarrow \bar{B} + p \bar{K}^0$. <i>Physical Review D</i> , 2015 , 91,	4.9	2
184	Collins asymmetries in inclusive charged K^+K^- and $K^0\bar{K}^0$ pairs produced in e^+e^- annihilation. <i>Physical Review D</i> , 2015 , 92,	4.9	13
183	Elucidating isotopic effects in intense ultrafast laser-driven D_2H^+ fragmentation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014 , 47, 031001	1.3	6
182	Search for a dark photon in e^+e^- collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
181	Search for lepton-number violating $B^+ \rightarrow X^0 \mu^+$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	22
180	Search for new D -like particles produced in association with a dilepton pair. <i>Physical Review D</i> , 2014 , 90,	4.9	1
179	Bottomonium spectroscopy and radiative transitions involving the $B_{J(1P,2P)}$ states at BaBar. <i>Physical Review D</i> , 2014 , 90,	4.9	5
178	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
177	Incorporating real time velocity map image reconstruction into closed-loop coherent control. <i>Review of Scientific Instruments</i> , 2014 , 85, 113105	1.7	14
176	Measurements of direct CP asymmetries in $B^0 \rightarrow X_s^0$ decays using sum of exclusive decays. <i>Physical Review D</i> , 2014 , 90,	4.9	9
175	Evidence for the decay $B^0 \rightarrow \bar{D}^0$ and search for $B^0 \rightarrow \bar{D}^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
174	Cross sections for the reactions $e^+e^- \rightarrow K^0 K^0 L^0$, $K^0 K^0 L^0 \mu^+ \mu^-$ and $K^0 K^0 L^0 K^+ K^-$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4.9	32

173	Search for the decay $B^0 \rightarrow \bar{c} + p + \bar{p}$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
172	Measurement of Collins asymmetries in inclusive production of charged pion pairs in e^+e^- annihilation at BABAR. <i>Physical Review D</i> , 2014 , 90,	4.9	58
171	Measurement of the $B \rightarrow Xs$ Branching Fraction and Search for Direct CP Violation from a Sum of Exclusive Final States. <i>Physical Review Letters</i> , 2014 , 112,	7.4	66
170	Dalitz plot analysis of $\bar{B} \rightarrow K + K$ and $\bar{B} \rightarrow K + K$ in two-photon interactions. <i>Physical Review D</i> , 2014 , 89,	4.9	16
169	Evidence for the baryonic decay $B^0 \rightarrow D^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	4
168	Study of the reaction $e^+e^- \rightarrow (2S) \gamma$ via initial-state radiation at BaBar. <i>Physical Review D</i> , 2014 , 89,	4.9	59
167	Antideuteron production in $\chi(nS)$ decays and in $e^+e^- \rightarrow q\bar{q}$ at $\sqrt{s} \approx 0.58$ GeV. <i>Physical Review D</i> , 2014 , 89,	4.9	9
166	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 729, 615-701	1.2	125
165	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013 , 532, 119-244	27.7	291
164	Time-integrated luminosity recorded by the BABAR detector at the PEP-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 726, 203-213	1.2	86
163	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , 2013 , 87,	4.9	10
162	Branching fraction measurement of $B^+ \rightarrow \bar{c} \mu$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
161	Search for direct CP violation in singly Cabibbo-suppressed $D^{\pm} \rightarrow K + K^{\pm}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	7
160	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	26
159	Study of $e^+e^- \rightarrow p\bar{p}$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
158	Measurement of the $D^{*(2010)+}$ natural linewidth and the $D^{*(2010)+} D^0$ mass difference. <i>Physical Review D</i> , 2013 , 88,	4.9	14
157	Search for $B \rightarrow K^{(*)} \gamma$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
156	Search for CP violation in B^0 - \bar{B}^0 mixing using partial reconstruction of $B^0 \rightarrow D^{*-} X^{\pm}$ and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19

155	Measurement of the $D^*(2010)^+$ meson width and the $D^*(2010)^+ - D^0$ mass difference. <i>Physical Review Letters</i> , 2013 , 111, 111801	7.4	25
154	Measurement of an excess of $B^+ \rightarrow D^{(*)} \pi^+ \pi^0$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	34 ^o
153	Precision measurement of the $e^+e^- \rightarrow K^+K^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2013 , 88,	4.9	59
152	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 87,	4.9	38
151	Search for CP violation in the decays $D_{s1}^+ \rightarrow KS^0 K^+$, $D_s^+ \rightarrow KS^0 K^+$, and $D_s^+ \rightarrow KS^0 \pi^+$. <i>Physical Review D</i> , 2013 , 87,	4.9	9
150	Charge asymmetric dissociation of a CO^+ molecular-ion beam induced by strong laser fields. <i>Physical Review A</i> , 2013 , 87,	2.6	10
149	Measurement of the $e^+e^- \rightarrow p\bar{p}$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
148	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , 2013 , 87,	4.9	31
147	Measurement of the $B^+ \rightarrow \mu^+ \pi^0$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
146	Production of charged pions, kaons, and protons in e^+e^- annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	37
145	Measurement of the mass of the D^0 meson. <i>Physical Review D</i> , 2013 , 88,	4.9	7
144	Search for a light Higgs boson decaying to two gluons or ss in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
143	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B^+ \rightarrow D^{(*)} K^{(*)} \pi^+$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
142	Study of the decay $B^0 \rightarrow \rho^+ \pi^- \pi^0$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
141	Search for the rare decays $B^+ \rightarrow \mu^+ \pi^0$ and $B^0 \rightarrow \mu^+ \pi^-$ <i>Physical Review D</i> , 2013 , 88,	4.9	8
140	Measurement of $D^0 \bar{D}^0$ mixing and CP violation in two-body D^0 decays. <i>Physical Review D</i> , 2013 , 87,	4.9	27
139	Evidence of $B^+ \rightarrow \mu^+ \pi^0$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
138	Measurement of CP-violating asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4.9	11

137	Observation of time-reversal violation in the B0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	4.1	96
136	Search for $B^0 \rightarrow \pi^+ X^0$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
135	Measurement of the semileptonic branching fraction of the Bs meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11
134	Search for CP violation in the decay $B^0 \rightarrow K_S^0(\pi^0)\pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	24
133	Observation and study of the baryonic B-meson decays $B \rightarrow D^*(*)pp$. <i>Physical Review D</i> , 2012 , 85,	4.9	17
132	B0 meson decays to $\pi^0 K^*0$, $f_0 K^*0$, and K^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
131	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- S^0$, $B^+ \rightarrow K^+ K^- K^+$, and $B^+ \rightarrow K^0 K^0 K^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
130	Search for the Z1(4050)+ and Z2(4250)+ states in $B^0 \rightarrow \pi^+ K^0$ and $B^+ \rightarrow \pi^+ K^0 S^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42
129	Measurement of B ($B \rightarrow Xs\gamma$), the $B \rightarrow Xs\gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow Xs+d$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	34
128	Search for charged Higgs bosons in ee collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2076	4.2	14
127	Measurements of intense ultrafast laser-driven D3+ fragmentation dynamics. <i>Physical Review A</i> , 2012 , 86,	2.6	25
126	Frustrated tunnelling ionization during strong-field fragmentation of D3+. <i>New Journal of Physics</i> , 2012 , 14, 103029	2.9	35
125	Precise measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110
124	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^*(*)\pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	82
123	Study of high-multiplicity three-prong and five-prong γ decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	17
122	Cross sections for the reactions $e^+e^- \rightarrow K^+ K^- \pi^0$, $K^+ K^- \pi^0$, and $K^+ K^- K^0$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4.9	41
121	Study of X(3915) $\rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
120	Search for the decay modes $B^0 \rightarrow h^0 \pi^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	21

119	Exclusive measurements of $b \rightarrow s\ell\ell$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
118	Precision measurement of the $B \rightarrow Xs\ell$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})((B \rightarrow X(s+d))\ell)$. <i>Physical Review Letters</i> , 2012 , 109, 191801	7.4	43
117	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^*+D^{*\ell}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	3
116	Initial-state radiation measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section. <i>Physical Review D</i> , 2012 , 85,	4.9	19
115	Study of the baryonic B decay $B \rightarrow \mu^+p\pi^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	14
114	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
113	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	51
112	Search for lepton-number violating processes in $B^+ \rightarrow h^+l^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24
111	Amplitude analysis and measurement of the time-dependent CP asymmetry of $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	14
110	Dynamics of D_3^+ slow dissociation induced by intense ultrashort laser pulses. <i>Physical Review A</i> , 2012 , 85,	2.6	14
109	Controlling strong-field fragmentation of H_2^+ by temporal effects with few-cycle laser pulses. <i>Physical Review A</i> , 2012 , 85,	2.6	52
108	Search for the decay modes $D^0 \rightarrow e^+e^- D^0 \rightarrow \mu^+\mu^-$ and $D^0 \rightarrow e^+\mu^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	3
107	Evidence for an excess of $B \rightarrow D^*(\ell)\ell$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
106	Study of the reaction $e^+e^- \rightarrow J/\psi \mu^+\mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
105	Branching fraction of $B \rightarrow K_S^0 K_S^0 (0)\ell$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
104	Improved limits on B^0 decays to invisible (χ) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
103	Search for resonances decaying to $\mu^+\mu^-$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
102	Invited review article: technology for attosecond science. <i>Review of Scientific Instruments</i> , 2012 , 83, 071101	10.1	52

101	Study of $B \rightarrow Xu$ decays in BB events tagged by a fully reconstructed B-meson decay and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	20
100	Search for the decay $D_0 \rightarrow \bar{\nu} \nu$ and measurement of the branching fraction for $D_0 \rightarrow \bar{\nu} \nu$. <i>Physical Review D</i> , 2012 , 85,	4.9	19
99	Coherent control over dissociation of a molecular ion beam H_2^+ laser field. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 032045	0.3	
98	Low kinetic energy release upon dissociation of benchmark molecular ions. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 032016	0.3	
97	Determination of θ_S using OPAL hadronic event shapes at $(\sqrt{s} = 91 \text{ mbox{--}209} \sim \text{mathrm{GeV}})$ and resummed NNLO calculations. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	26
96	Amplitude analysis of $B_0 \rightarrow K^+ \bar{0}$ and evidence of direct CP violation in $B \rightarrow K^* \bar{\nu}$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	21
95	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \bar{0} K^{*+}$ and $B \rightarrow f_0(980) K^{*+}$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	7
94	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4.9	12
93	Search for $b \rightarrow u$ transitions in $B \rightarrow [K^* \bar{0}] DK$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
92	Search for CP violation in the decay $D \rightarrow KS \bar{0}$. <i>Physical Review D</i> , 2011 , 83,	4.9	19
91	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4.9	33
90	Studies of $B \rightarrow \bar{0}$ and $B \rightarrow \bar{\nu} \nu$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , 2011 , 83,	4.9	27
89	Searches for the baryon- and lepton-number violating decays $B_0 \rightarrow \bar{\nu} + \nu B \rightarrow \bar{\nu} \nu$ and $B \rightarrow \bar{\nu} \nu$ <i>Physical Review D</i> , 2011 , 83,	4.9	13
88	Observation of $\bar{\nu}(1S)$ and $\bar{\nu}(2S)$ decays to $K + K \bar{0}$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17
87	Observation of the baryonic B decay $B \rightarrow \bar{\nu} + \bar{0} K$ <i>Physical Review D</i> , 2011 , 84,	4.9	2
86	Observation of the rare decay $B \rightarrow K + \bar{0}$ and measurement of the quasi-two-body contributions $B \rightarrow K^*(892) + \bar{0}$, $B \rightarrow f_0(980) K^+$, and $B \rightarrow \bar{0} K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
85	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K_0 , and $\bar{0}$. <i>Physical Review D</i> , 2011 , 83,	4.9	3
84	Study of dipion bottomonium transitions and search for the $h_b(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8

83	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
82	Evidence for the $h_b(1P)$ meson in the decay $\Upsilon(BS) \rightarrow \eta h_b(1P)$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
81	Study of $B \rightarrow \eta$ and $B \rightarrow \eta'$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76
80	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2011 , 107, 021804	7.4	43
79	Measurement of the $B \rightarrow D \eta^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20
78	Branching fraction measurements of the color-suppressed decays $B \rightarrow D^{(*)} \eta$, $D^{(*)} \eta \rightarrow D^{(*)} \eta'$ and $D^{(*)} \eta'$ and measurement of the polarization in the decay $B \rightarrow D^{*0} \eta$. <i>Physical Review D</i> , 2011 , 84,	4.9	11
77	Analysis of the $D^+ \rightarrow K^0 e^+ \bar{\nu}$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25
76	Study of $\Upsilon(BS,2S) \rightarrow \Upsilon(1S)$ and $\Upsilon(BS,2S) \rightarrow \eta \Upsilon(1S)$ hadronic transitions. <i>Physical Review D</i> , 2011 , 84,	4.9	12
75	Measurement of the $\eta \rightarrow \eta'$ and $\eta \rightarrow \eta''$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
74	Search for the decay $B_0 \rightarrow \eta$. <i>Physical Review D</i> , 2011 , 83,	4.9	4
73	Frustrated tunneling ionization during laser-induced D_2 fragmentation: Detection of excited metastable D^* atoms. <i>Physical Review A</i> , 2011 , 84,	2.6	36
72	Vibrationally resolved structure in O_2^+ dissociation induced by intense ultrashort laser pulses. <i>Physical Review A</i> , 2011 , 83,	2.6	18
71	Velocity map imaging as a tool for gaining mechanistic insight from closed-loop control studies of molecular fragmentation. <i>Physical Review A</i> , 2011 , 83,	2.6	7
70	Dalitz plot analysis of $D_{s^+} \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	30
69	Measurement of the $B_0 \rightarrow \eta$ and $B^+ \rightarrow \eta' \pi^+$ branching fractions, the $B_0 \rightarrow \eta \pi^0$ and $B^+ \rightarrow \eta' \pi^+$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29
68	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. D PRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , 2011 , 84,	4.9	2
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66	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow \eta \gamma$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41

65	Search for CP violation using T-odd correlations in $D^{*+} \rightarrow K^+ K_S^0 \pi^0$ and $D_s^{*+} \rightarrow K^+ K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	12
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63	Test of lepton universality in $\Upsilon(1S)$ decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19
62	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
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60	Vibrationally cold CO_2^+ in intense ultrashort laser pulses. <i>Physical Review A</i> , 2010 , 81,	2.6	7
59	Search for charged lepton flavor violation in narrow upilon decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7.4	14
58	Measurement of D^0 - \bar{D}^0 mixing parameters using $D^0 \rightarrow K(S)^0 \pi^0$ and $D^0 \rightarrow K(S)^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , 2010 , 105, 081803	7.4	70
57	Search for $f(J)(2220)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
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55	Exclusive production of $D_s^+ D_s^-$, $D_s^{*+} D_s^-$ and $D_s^{*+} D_s^{*-}$ via $e^+ e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , 2010 , 82,	4.9	21
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53	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D \ell \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2010 , 104, 011802	7.4	57
52	Searches for Lepton flavor violation in the decays $\tau_{\{+/-\}} \rightarrow e_{\{+/-\}} \gamma$ and $\tau_{\{+/-\}} \rightarrow \mu_{\{+/-\}} \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328
51	Measurement of the $\psi \rightarrow \pi$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35
50	Measurement of branching fractions of B decays to $K_1(1270) \pi$ and $K_1(1400) \pi$ and determination of the CKM angle β from $B^0 \rightarrow a_1(1260) \pi \pi$. <i>Physical Review D</i> , 2010 , 81,	4.9	13
49	Closed-loop control of vibrational population in CO_2^+ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010 , 43, 015101	1.3	10
48	Observation of the $\Upsilon(13D_J)$ bottomonium state through decays to $\psi(1S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28

47	Search for the rare decay $B \rightarrow K\pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	20
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45	Search for B^+ meson decay to $a_1(1260)K^*(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
44	Evidence for the decay $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2010 , 82,	4.9	119
43	Search for $B^+ \rightarrow D^+ K^0$ and $B^+ \rightarrow D^+ K^{*0}$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	2
42	Search for $B^+ \rightarrow \pi^+ \pi^0$ recoiling against $B \rightarrow D^0 X$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
41	B -meson decays to $\pi^+ \pi^0$, and $\pi^+ K^*$. <i>Physical Review D</i> , 2010 , 82,	4.9	9
40	Observation of the rare decay $B^0 \rightarrow K_S^0 K^+ \pi^-$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
39	Observation of inclusive $D^{*0} \pi^+$ production in the decay of $\psi(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
38	Measurement of the absolute branching fractions for $D_s \rightarrow \pi^+ \pi^-$ and extraction of the decay constant f_{D_s} . <i>Physical Review D</i> , 2010 , 82,	4.9	24
37	Limits on lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42
36	Observation of new resonances decaying to $D^+ \pi^-$ and $D^{*0} \pi^+$ in inclusive e^+e^- collisions near $\sqrt{s} = 10.58$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	111
35	Observation of the decay $B^0 \rightarrow \pi^+ p \pi^-$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
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33	Observation of the $\eta(2P)$ meson in the reaction $\pi^+ \rightarrow D D^+$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
32	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^+$ decays. <i>Physical Review D</i> , 2010 , 81,	4.9	21
31	Measurement and interpretation of moments in inclusive semileptonic decays $B^+ \rightarrow X c \ell$. <i>Physical Review D</i> , 2010 , 81,	4.9	22
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28	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26
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26	Improved limits on lepton-flavor-violating tau decays to $l\phi$, $l\rho$, lK , and $l\bar{K}$. <i>Physical Review Letters</i> , 2009 , 103, 021801	7.4	10
25	Measurement of $B \rightarrow K^*(892)\gamma$ branching fractions and CP and Isospin asymmetries. <i>Physical Review Letters</i> , 2009 , 103, 211802	7.4	28
24	Evidence for the $\eta(b)(1S)$ meson in radiative $Upsilon(2S)$ decay. <i>Physical Review Letters</i> , 2009 , 103, 161801	7.4	67
23	Benchmark measurements of $H(3)(+)$ nonlinear dynamics in intense ultrashort laser pulses. <i>Physical Review Letters</i> , 2009 , 103, 103004	7.4	43
22	Evidence for $X(3872) \rightarrow \psi(2S)\gamma$ in $B^{+/-} \rightarrow X(3872)K^{+/-}$ decays and a study of $B \rightarrow cc[\text{over}]\gamma K$. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
21	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K^*(*)l+l^-$. <i>Physical Review Letters</i> , 2009 , 102, 091803	7.4	58
20	Dalitz plot analysis of $B \rightarrow \pi\pi\pi$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
19	Measurement of D^0 - D^0 mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K\pi\pi$ decays. <i>Physical Review Letters</i> , 2009 , 103, 211801	7.4	34
18	Measurement of $B \rightarrow X\gamma$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2009 , 102, 161803	7.4	2
17	Dalitz plot analysis of $B \rightarrow D+\pi$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	41
16	Branching fractions and CP-violating asymmetries in radiative B decays to $\pi\pi$. <i>Physical Review D</i> , 2009 , 79,	4.9	5
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12	Evidence for $B^+ \rightarrow K^* K^+$. <i>Physical Review D</i> , 2009 , 79,	4.9	5

11	B meson decays to charmless meson pairs containing $\bar{b}r$ mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
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