

Kenkichi Miyabayashi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9265596/publications.pdf>

Version: 2024-02-01

194
papers

12,641
citations

31976

53
h-index

25787

108
g-index

195
all docs

195
docs citations

195
times ranked

7015
citing authors

#	ARTICLE	IF	CITATIONS
19	<p>Observation of a new charged charmoniumlike state in $B_c^{\pm} \rightarrow \bar{c} \gamma \ell^{\pm} \nu_{\ell}$ decays</p> <p>Physical Review Letters, 2008, 100: 092001</p>	7.8	135
20	<p>Observation of a new charged charmoniumlike state in $B_c^{\pm} \rightarrow \bar{c} \gamma \ell^{\pm} \nu_{\ell}$ decays</p> <p>Physical Review Letters, 2008, 100: 092001</p>	4.7	135
21	<p>Observation of a New Σ Bottomonium State</p> <p>Physical Review Letters, 2008, 100: 092001</p>	4.1	132
22	<p>Observation of a New Σ Bottomonium State</p> <p>Physical Review Letters, 2008, 100: 092001</p>	7.8	132
23	<p>Dalitz analysis of $B_c^{\pm} \rightarrow \bar{c} \gamma \ell^{\pm} \nu_{\ell}$ decays</p> <p>Physical Review Letters, 2008, 100: 092001</p>	7.8	128
24	<p>Search for $B_c^{\pm} \rightarrow \bar{c} \gamma \ell^{\pm} \nu_{\ell}$ decays</p> <p>Physical Review Letters, 2008, 100: 092001</p>	4.7	125
25	<p>Evidence for Large Direct CP Violation in $B_c^{\pm} \rightarrow \bar{c} \gamma \ell^{\pm} \nu_{\ell}$ Decays</p> <p>Physical Review Letters, 2006, 96: 251803</p>	7.8	120
26	<p>Search for $B_c^{\pm} \rightarrow \bar{c} \gamma \ell^{\pm} \nu_{\ell}$ decays</p> <p>Physical Review Letters, 2008, 100: 092001</p>		

#	ARTICLE	IF	CITATIONS
37	Evidence for direct CP violation in the decay $B^0 \rightarrow D^+ K^+ K^0$ and measurement of the CKM phase β_1 . Physical Review D, 2010, 81, .	4.7	82
38	Measurement of the decay $B^0 \rightarrow D^+ K^+ K^0$ and measurement of the CKM phase β_1 . Physical Review D, 2010, 81, .	4.7	81
39	Measurement of the CKM matrix element $ V_{cb} $ from $B^0 \rightarrow D^+ K^+ K^0$ decays. Physical Review D, 2010, 81, .	4.7	79
40	Measurement of β_1 with Dalitz plot analysis of $B^0 \rightarrow D^+ K^+ K^0$ decay. Physical Review D, 2004, 70, .	4.7	73
41	Improved measurement of CP-violation parameters $\sin^2 2\beta_1$ and $ \lambda $, B-meson lifetimes, and B^0 - B^0 mixing parameter η . Physical Review D, 2005, 71, .	4.7	73
42	Measurement of the decay $B^0 \rightarrow D^+ K^+ K^0$ and determination of the Cabibbo-Kobayashi-Maskawa matrix element $ V_{cb} $. Physical Review D, 2010, 81, .	4.7	72
43	Measurement of the branching fraction $\mathcal{B}(B^0 \rightarrow D^+ K^+ K^0)$. Physical Review D, 2010, 81, .	7.8	71
44	Measurement of the branching fraction $\mathcal{B}(B^0 \rightarrow D^+ K^+ K^0)$. Physical Review D, 2010, 81, .	7.8	71
45	Improved Constraints on D^0 - \bar{D}^0 Mixing in $D^0 \rightarrow K^+ K^-$ Decays from the Belle Detector. Physical Review Letters, 2006, 96, 151801.	7.8	67
46	Search for doubly charmed baryons and study of charmed strange baryons at Belle. Physical Review D, 2014, 89, .	4.7	66
47	Measurement of β_1 with a Dalitz plot analysis of $B^0 \rightarrow D^+ K^+ K^0$ decay. Physical Review D, 2006, 73, .	4.7	64
48	Amplitude analysis of $B^0 \rightarrow D^+ K^+ K^0$ decay. Physical Review D, 2010, 81, .	4.7	63
49	Measurement of the CKM matrix element $ V_{cb} $ from $B^0 \rightarrow D^+ K^+ K^0$ decays. Physical Review D, 2010, 81, .	4.1	59
50	Studies of CP Violation in $B^0 \rightarrow D^+ K^+ K^0$ Decays. Physical Review Letters, 2005, 95, 091601.	7.8	57
51	Measurement of the CKM matrix element $ V_{cb} $ from $B^0 \rightarrow D^+ K^+ K^0$ decays. Physical Review D, 2010, 81, .	4.7	57
52	Study of $B^0 \rightarrow D^+ K^+ K^0$ decays. Physical Review D, 2010, 81, .	4.1	56
53	Measurement of the CKM matrix element $ V_{cb} $ from $B^0 \rightarrow D^+ K^+ K^0$ decays. Physical Review D, 2010, 81, .	7.8	54
54	Observation of $B^0 \rightarrow D^+ K^+ K^0$. Physical Review Letters, 2005, 94, 111802.	7.8	53

#	ARTICLE	IF	CITATIONS
91	Determination of $ \text{Vub} $ from Measurements of the Inclusive Charmless Semileptonic Partial Rates of B Mesons using Full Reconstruction Tags. <i>Physical Review Letters</i> , 2005, 95, 241801.	7.8	30
92	Time-dependent Dalitz plot measurement of CP parameters in $B^0 \rightarrow K_S^0 \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2009, 79, .	4.7	30
93	Observation of $B^0 \rightarrow J/\psi K^0$ (1270). <i>Physical Review Letters</i> , 2001, 87, 161601.	7.8	29
94	Study of exclusive B decays to charmed baryons. <i>Physical Review D</i> , 2002, 66, .	4.7	29
95	Measurement of Branching Fractions for $B^0 \rightarrow \rho^0 K^0$ Decays. <i>Physical Review Letters</i> , 2003, 90, 071801.	7.8	29
96	Observation of $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^0$ Decays. <i>Physical Review Letters</i> , 2003, 90, 141802.	7.8	28
97	Measurement of the Quark Mixing Parameter $\cos^2 \delta_{12}$ Using Time-Dependent Dalitz Analysis of $B^0 \rightarrow D^0 [K_S^0 \pi^+ \pi^-]$. <i>Physical Review Letters</i> , 2006, 97, 081801.	7.8	28
98	Measurement of $D^0 \rightarrow D^0$ mixing and search for indirect CP violation using $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2014, 89, .	4.7	28
99	Observation of Cabibbo Suppressed $B^0 \rightarrow D^0 K^0$ Decays at Belle. <i>Physical Review Letters</i> , 2001, 87, 111801.	7.8	27
100	Measurement of the CP violation parameters C and P in $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2013, 88, .	4.7	27
101	Measurement of the Wrong-Sign Decays $D^0 \rightarrow K^+ \pi^-$ and $D^0 \rightarrow K^+ \pi^+ \pi^-$, and Search for CP Violation. <i>Physical Review Letters</i> , 2005, 95, 231801.	7.8	26
102	Evidence for CP violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , 2007, 98, 221802.	7.8	26
103	Study of $B^0 \rightarrow D^0 \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 553, 159-166.	4.1	24
104	Measurement of $\mathcal{B}(B_s \rightarrow B^0 \pi^+ \pi^-)$ decays to B^0 and B^+ mesons. <i>Physical Review D</i> , 2010, 81, .	4.7	24
105	Measurements of time-dependent CP violation in $B^0 \rightarrow K_S^0, f_0(980) K_S^0, K_S^0 \pi^0$ and $K^+ K^- K_S^0$ decays. <i>Physical Review D</i> , 2007, 76, .	4.7	23
106	Search for time-dependent CPT violation in hadronic and semileptonic B decays. <i>Physical Review D</i> , 2012, 85, .	4.7	23
107	Observation of $B^0 \rightarrow \rho^+ \rho^-$ and searches for $B^0 \rightarrow \rho^+ \rho^-$ and $B^0 \rightarrow \rho^+ \rho^-$ decays. <i>Physical Review D</i> , 2005, 72, 4.7	4.1	22
108	Study of $B^0 \rightarrow \rho^+ \rho^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 706, 139-149.	4.1	22

#	ARTICLE	IF	CITATIONS
109	<p>Measurement of asymmetries and branching fractions in a time-dependent Dalitz analysis of</p>	4.1	21
110	<p>asymmetries and branching fractions in a time-dependent Dalitz analysis of</p>		

#	ARTICLE	IF	CITATIONS
145	Study of $B \rightarrow \pi^+ \pi^0 \pi^0$ and Observation of $B \rightarrow \pi^+ \pi^0 \pi^0$ at Belle. Physical Review Letters, 2006, 97, 162003.	7.8	13
146	Search for $B \rightarrow \pi^+ \pi^0 \pi^0$ decays. Physical Review D, 2008, 78, .	4.7	13
147	Measurement of Time-Dependent CP-Violating Parameters in $B \rightarrow \pi^+ \pi^0 \pi^0$ Decays. Physical Review Letters, 2008, 100, 121601.	7.8	13
148	Search for CP Violation in the Decays $B \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review Letters, 2011, 106, 211801.	7.8	13
149	Measurement of branching fraction and first evidence of CP violation in $B \rightarrow \pi^+ \pi^0 \pi^0$ decays. Physical Review D, 2012, 86, .	4.7	13
150	Measurements of $B \rightarrow \pi^+ \pi^0 \pi^0$ decays. Physical Review D, 2012, 86, .	4.7	13
151	Search for $B \rightarrow \pi^+ \pi^0 \pi^0$ decays. Physical Review D, 2012, 86, .	4.7	13
152	Measurements of branching fractions and time-dependent CP violating asymmetries in $B \rightarrow \pi^+ \pi^0 \pi^0$ decays. Physical Review D, 2012, 85, .	4.7	12
153	Search for the decay $B \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review D, 2012, 86, .	4.7	12
154	Study of $B \rightarrow \pi^+ \pi^0 \pi^0$ decays, implications for the CKM angle α_2 and search for other $B \rightarrow \pi^+ \pi^0 \pi^0$ decay modes with a four-pion final state. Physical Review D, 2014, 89, .	4.7	12
155	Evidence for $B \rightarrow \pi^+ \pi^0 \pi^0$ and Observation of $B \rightarrow \pi^+ \pi^0 \pi^0$ and $B \rightarrow \pi^+ \pi^0 \pi^0$ Decays. Physical Review Letters, 2005, 95, 041803.	7.8	11
156	Time-Dependent CP-Violating Asymmetry in $B \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review Letters, 2008, 100, 021602.	7.8	11
157	B-flavor tagging at Belle II. European Physical Journal C, 2022, 82, 1.	3.9	11
158	Measurements of charmless hadronic $B \rightarrow \pi^+ \pi^0 \pi^0$ decays in the $B \rightarrow \pi^+ \pi^0 \pi^0$ final state and first observation of $B \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review D, 2009, 80, .	4.7	10
159	Measurements of branching fractions for $B \rightarrow \pi^+ \pi^0 \pi^0$ and $B \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review D, 2010, 82, .	4.7	10
160	Measurements of time-dependent CP asymmetries in $B \rightarrow \pi^+ \pi^0 \pi^0$ using a partial reconstruction technique. Physical Review D, 2011, 84, .	4.7	10
161	First observation of radiative $B \rightarrow \pi^+ \pi^0 \pi^0$ decays and measurements of their time-dependent CP violation. Physical Review D, 2011, 84, .	4.7	10
162	Evidence for Direct CP Violation in $B \rightarrow \pi^+ \pi^0 \pi^0$ and Observation of $B \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review Letters, 2012, 108, 031801.	7.8	10

#	ARTICLE	IF	CITATIONS
163	Study of D^{*+} production and light hadronic states in the $B^0 \rightarrow D^{*+} \pi^0$ decay. Physical Review D, 2015, 92, .	4.7	10
164	Search for the rare decay $D^0 \rightarrow \pi^0 \pi^0 \pi^0$ at Belle. Physical Review D, 2016, 93, .	4.7	10
165	Observation of $B^0 \rightarrow \pi^0 \pi^0$ and search for direct CP violation. Physical Review D, 2006, 74, .	4.7	9
166	Measurement of the ratio R_{D^*} and search for direct CP violation. Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 102-110.		
167	Measurement of the branching fraction and charge asymmetry of the decay $B^0 \rightarrow D^+ D^-$ and search for $B^0 \rightarrow D^0 D^0$. Physical Review D, 2008, 77, .	4.7	9
168	Study of the suppressed B meson decay $B^0 \rightarrow D^+ K^-$. Physical Review D, 2008, 78, .	4.7	9
169	Evidence for Neutral B Meson Decays to $K^* K^0$. Physical Review Letters, 2008, 101, 231801.	7.8	9
170	Evidence for the decay $B^0 \rightarrow K^+ K^- \pi^0$. Physical Review D, 2013, 87, .	4.7	9
171	Measurement of branching fractions for $B \rightarrow J/\psi K$ decays and search for a narrow resonance in the $J/\psi K$ final state. Progress of Theoretical and Experimental Physics, 2014, 2014, 43C01-0.	6.6	9
172	Observation of $B^0 \rightarrow \pi^0 \pi^0 \pi^0$. Physical Review D, 2016, 93, .		

#	ARTICLE	IF	CITATIONS
181	Search for the decay $B^0 \rightarrow \bar{D}^* \pi^+$. Physical Review D, 2016, 93, .	4.7	7
182	Search for $B^0 \rightarrow \bar{D}^* \pi^0$ and $B^0 \rightarrow \bar{D}^* \pi^+$ decays. Physical Review D, 2005, 71, .	4.7	5
183	Evidence for $B^0 \rightarrow \bar{D}^* \pi^0$ at Belle. Physical Review D, 2008, 78, .	4.7	5
184	Search for $B^0 \rightarrow \bar{D}^* \pi^0$ Decay. Physical Review Letters, 2008, 101, 041601.	7.8	5
185	First Measurement of Inclusive $B^0 \rightarrow \bar{D}^* \pi^0$ Decays. Physical Review Letters, 2010, 105, 191803.	7.8	5
186	Measurement of the branching fractions for $B^0 \rightarrow \bar{D}^* \pi^+$ and $B^0 \rightarrow \bar{D}^* \pi^0$ decays. Physical Review D, 2010, 81, .4.7	4.7	5
187	Measurement of the branching fraction and time-dependent asymmetry for $B^0 \rightarrow \bar{D}^* \pi^+$ decays. Physical Review D, 2010, 81, .4.7	4.7	5
188	Measurement of the branching fraction of $B^0 \rightarrow \bar{D}^* \pi^+$ decays. Physical Review D, 2010, 81, .4.7	4.7	5
189	Measurement of the branching fraction of the decay $B^0 \rightarrow \bar{D}^* \pi^+$ at Belle using hadronic tagging in fully reconstructed events. Physical Review D, 2018, 98, .	4.7	5
190	Measurement of the CP-Violation Parameters $\sin^2 \beta_1$ with a New Tagging Method at the $\Upsilon(5S)$ Resonance. Physical Review Letters, 2012, 108, 171801.	7.8	4
191	First observation of CP violation and improved measurement of the branching fraction and polarization of $B^0 \rightarrow \bar{D}^* \pi^+$ decays. Physical Review D, 2012, 86, .	4.7	4
192	Measurement of the Direct CP Asymmetry in $B^0 \rightarrow \bar{D}^* \pi^+$ Decays with a Lepton Tag. Physical Review Letters, 2015, 114, 151601.	7.8	4
193	Measurement of time-dependent CP violation in $B^0 \rightarrow \bar{D}^* \pi^0$ decays. Physical Review D, 2019, 99, .	4.7	3
194	Publisher's Note: Study of the decays $B^0 \rightarrow \bar{D}^* \pi^+$ (2536) + $\bar{D}^* \pi^+$ [Phys. Rev. D 83, 051102(R) (2011)]. Physical Review D, 2011, 83, .	4.7	1