

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
1	B-flavor tagging at Belle II. European Physical Journal C, 2022, 82, 1.	3.9	11
2	Averages of b-hadron, c-hadron, and Λ_b lepton properties as of 2018. European Physical Journal C, 2021, 81, 1.	3.9	248
3	Measurement of the branching fraction of the decay $B \rightarrow \bar{D}^* \ell \bar{\nu}_\ell$. Search for $B \rightarrow \bar{D}^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2019, 99, .	4.7	5
4	Measurement of the branching fraction of the decay $B \rightarrow \bar{D}^* \ell \bar{\nu}_\ell$ and $B \rightarrow \bar{D}^* \ell \bar{\nu}_\ell$. Physical Review D, 2020, 101, .	4.7	19
5	Measurement of time-dependent CP violation in $B_0 \rightarrow K_S^0 \ell \bar{\nu}_\ell$ decays. Physical Review D, 2019, 99, .	4.7	3
6	Measurement of the CKM matrix element $ V_{cb} $ from $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2019, 99, .	4.7	57
7	Search for the rare decay of $B \rightarrow D^* \ell \bar{\nu}_\ell$ with improved hadronic input. Physical Review D, 2018, 98, .	4.7	15
8	Measurement of the CKM matrix element $ V_{cb} $ from $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2019, 99, .		

#	ARTICLE	IF	CITATIONS
19	Search for the rare decay $D^0 \rightarrow B^0 \pi^0 \pi^0$ at Belle. Physical Review D, 2016, 94, .	4.7	10
20	Inclusive and exclusive measurements of $D^0 \rightarrow B^0 \pi^0 \pi^0$ decays to $D^0 \rightarrow B^0 \pi^0 \pi^0$. Physical Review D, 2016, 94, .	4.7	18
21	Search for the decay $B^0 \rightarrow \pi^0 \pi^0$. Physical Review D, 2016, 93, .	4.7	7
22	Observation of the Decay $B_s^0 \rightarrow K^0 \pi^0$. Physical Review Letters, 2016, 116, 161801.	7.8	17
23	Studies of charmed strange baryons in the $D^0 \rightarrow \Lambda^0 \pi^0$ final state at Belle. Physical Review D, 2016, 94, .	4.7	37
24	Measurement of $D^0 \rightarrow D^0 \pi^0$ mixing and search for CP violation in $D^0 \rightarrow K^+ K^- \pi^0$ decays with the full Belle data set. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 412-418.	4.1	20
25	First model-independent Dalitz analysis of $B^0 \rightarrow D^+ K^- \pi^0$ decay. Progress of Theoretical and Experimental Physics, 2016, 2016, 043C01.	6.6	8
26	Amplitude analysis of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decays with the full Belle data set. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 412-418.	4.7	63
27	Search for $D^0 \rightarrow B^0 \pi^0$ decays with the full Belle data set. Physical Review D, 2015, 92, .	4.7	13
28	Search for $D^0 \rightarrow B^0 \pi^0$ decays with the full Belle data set. Physical Review D, 2015, 91, .	4.7	16
29	Study of D^{**} production and light hadronic states in the $B^0 \rightarrow D^+ \pi^- \pi^0$ decay. Physical Review D, 2015, 92, .	4.7	10
30	Measurement of the branching ratio of $D^0 \rightarrow B^0 \pi^0$ decays with the full Belle data set. Physical Review D, 2015, 92, .	4.7	442
31	Search for $D^0 \rightarrow B^0 \pi^0$ decays with the full Belle data set. Physical Review D, 2015, 91, .		

#	ARTICLE	IF	CITATIONS
37	Measurement of branching fractions for $B \rightarrow J/\psi K$ decays and search for a narrow resonance in the J/ψ final state. Progress of Theoretical and Experimental Physics, 2014, 2014, 43C01-0.	6.6	9
38	Study of $B \rightarrow \pi\pi$ decays, implications for the CKM angle α_2 and search for other $B \rightarrow \pi\pi$ decay modes with a four-pion final state. Physical Review D, 2014, 89, .	4.7	12
39	Measurements of branching fractions of $B \rightarrow C P$ violation parameters in $B \rightarrow C P$ decays. Physical Review D, 2014, 89, .	4.7	18
40	Measurements of branching fractions of $B \rightarrow K S_0$ decays with first lepton decays with one or more S_0 decays. Physical Review D, 2014, 89, .	4.7	43
41	Observation of the decay $B \rightarrow K^*(892)0$. Physical Review D, 2014, 90, .	4.7	7
42	Search for $B \rightarrow C P$ violation in $B \rightarrow D^0$ decays. Physical Review Letters, 2014, 112, .	7.8	16
43	Search for doubly charmed baryons and study of charmed strange baryons at Belle. Physical Review D, 2014, 89, .	4.7	66
44	Observation of $B \rightarrow D^0$ decays. Physical Review Letters, 2014, 112, 111801.	7.8	20
45	Search for doubly charmed baryons and study of charmed strange baryons at Belle. Physical Review D, 2014, 89, .	7.8	71
46	Measurement of time-dependent CP violation in $B \rightarrow K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
47	Measurement of $D^0 \rightarrow D^0$ mixing and search for indirect CP violation using $D^0 \rightarrow K^0 \pi^+ \pi^-$ decays. Physical Review D, 2014, 89, .	4.7	28
48	Measurements of the masses and widths of the $\Lambda_c(2455)0^{++}$ and $\Lambda_c(2520)0^{++}$ baryons. Physical Review D, 2014, 89, .	4.7	32
49	Search for CP Violation in the Decay $D^0 \rightarrow K_S^0 K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
50	Evidence of a New Narrow Resonance Decaying to $B \rightarrow C P$ violation parameters in $B \rightarrow C P$ decays. Physical Review Letters, 2013, 111, 032001.	7.8	71
51	Evidence for the decay $B \rightarrow K^+ K^0$. Physical Review D, 2013, 87, .	4.7	9
52	Search for lepton-flavor and lepton-number-violating $B \rightarrow X u$ decays. Physical Review D, 2013, 88, .	4.1	45
53	Measurement of the $B \rightarrow C P$ violation parameters in $B \rightarrow C P$ decays. Physical Review D, 2013, 88, .	4.7	27
54	Study of exclusive $B \rightarrow X u$ and extraction of $B \rightarrow X u$ and $B \rightarrow X b$ decays. Physical Review D, 2013, 88, .	4.7	99

#	ARTICLE	IF	CITATIONS
55	Angular analysis of $B \rightarrow D^* \bar{D}^0$ and search for CP violation at Belle. Physical Review D, 2012, 86, .	4.7	16
56	Search for CP violation at Belle. Physical Review D, 2012, 86, .	4.7	79
57	Measurement of CP-violating asymmetries for $B \rightarrow D^* \bar{D}^0$ decays. Physical Review D, 2012, 86, .	4.7	51
58	Evidence for CP violation in $B \rightarrow D^* \bar{D}^0$ decays. Physical Review D, 2012, 86, .	7.8	135
59	Measurement of CP violation in $B \rightarrow D^* \bar{D}^0$ decays. Physical Review D, 2012, 86, .	4.7	52
60	Evidence for Direct CP Violation in $B \rightarrow D^* \bar{D}^0$ and Observation of $B \rightarrow D^* \bar{D}^0$. Physical Review Letters, 2012, 108, 031801.	7.8	10
61	First Observation of the $B \rightarrow D^* \bar{D}^0$ and Observation of $B \rightarrow D^* \bar{D}^0$. Physical Review Letters, 2012, 108, 031801.	7.8	128
62	Precise Measurement of the $B \rightarrow D^* \bar{D}^0$ and Observation of $B \rightarrow D^* \bar{D}^0$. Physical Review Letters, 2012, 108, 031801.	7.8	83
63	Measurement of branching fraction and first evidence of CP violation in $B \rightarrow D^* \bar{D}^0$ decays. Physical Review D, 2012, 86, .	4.7	13
64	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
65	Search for $B \rightarrow D^* \bar{D}^0$ decays to invisible final states at Belle. Physical Review D, 2012, 86, .	4.7	14
66	Search for time-dependent CPT violation in hadronic and semileptonic B decays. Physical Review D, 2012, 85, .	4.7	23
67	Measurements of branching fractions and time-dependent CP violating asymmetries in $B \rightarrow D^* \bar{D}^0$ decays. Physical Review D, 2012, 85, .	4.7	12
68	Search for the decay $B \rightarrow D^* \bar{D}^0$ by $B \rightarrow D^* \bar{D}^0$. Physical Review D, 2012, 86, .	4.7	12
69	Search for $B \rightarrow D^* \bar{D}^0$ decays. Physical Review D, 2012, 86, .	4.7	7
70	First observation of CP violation and improved measurement of the branching fraction and polarization of $B \rightarrow D^* \bar{D}^0$ decays. Physical Review D, 2012, 86, .	4.7	4
71	Measurement of $B \rightarrow D^* \bar{D}^0$ and constraint on the $\hat{\alpha}^2$ mixing angle. Physical Review D, 2012, 85, .	4.7	21
72	First measurement of β_1 with a model-independent Dalitz plot analysis of $B \rightarrow D^* \bar{D}^0$ decay. Physical Review D, 2012, 85, .	4.7	32

#	ARTICLE	IF	CITATIONS
91	Measurement of $\psi(5S)$ decays to B^0 and B^+ mesons. Physical Review D, 2010, 81, .	4.7	24
92	Search for $B^0 \rightarrow K^0 \pi^0$ decays. Physical Review D, 2010, 81, .		
93	Measurement of $B^0 \rightarrow X^0 \pi^0$ decays. Physical Review D, 2010, 81, .		

#	ARTICLE	IF	CITATIONS
127	Measurement of Time-Dependent CP-Violating Parameters in $B^0 \rightarrow K^0 K^0$ Decays. Physical Review Letters, 2008, 100, 121601.	7.8	13
128	Observation of a Resonance-like Structure in the $B \rightarrow K^0 K^0$ Decay. Physical Review Letters, 2008, 100, 142001.	7.8	464
129	Observation of Time-Dependent CP Violation in $B^0 \rightarrow K^0 K^0$ Decays and Improved Measurements of CP Asymmetries in $B^0 \rightarrow K^0 K^0$ and $B^0 \rightarrow K^0 K^0$ Decays. Physical Review Letters, 2007, 98, 031802.	7.8	101
130	Evidence for $D^0 \rightarrow D^0$ Mixing. Physical Review Letters, 2007, 98, 211803.	7.8	210
131	Measurement of Inclusive D_s , D_0 , and J/ψ Rates and Determination of the $B_s^0 \rightarrow B^0$ Production Fraction in $b\bar{b}$ Events at the $\Upsilon(5S)$ Resonance. Physical Review Letters, 2007, 98, 052001.	7.8	39
132	Observation of $B \rightarrow K^0 K^0$ at Belle. Physical Review Letters, 2007, 99, 191807.	7.8	105
133	Measurement of CP Asymmetry in a Time-Dependent Dalitz Analysis of $B^0 \rightarrow \pi^0 \pi^0$ and a Constraint on the Quark Mixing Matrix Angle β_2 . Physical Review Letters, 2007, 98, 221602.	7.8	41
134	Dalitz analysis of three-body charmless $B^0 \rightarrow K^0 \pi^+ \pi^-$ decay. Physical Review D, 2007, 75, .	4.7	49
135	Evidence for CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. Physical Review Letters, 2007, 98, 221802.	7.8	26
136	Improved measurement of $B^0 \rightarrow D_s^+ D^-$ and search for $B^0 \rightarrow D_s^+ D_s^-$ at Belle. Physical Review D, 2007, 75, .	4.7	14
137	Measurements of time-dependent CP violation in $B^0 \rightarrow K^0 K^0$, $B^0 \rightarrow K^0 K^0$ and $B^0 \rightarrow K^0 K^0$ decays. Physical Review D, 2007, 76, .	4.7	23
138	Moments of the electron energy spectrum and partial branching fraction of $B^0 \rightarrow X e^+ e^-$ decays at the Belle detector. Physical Review D, 2007, 75, .	4.7	41
139	Study of the charmed baryonic decays $B^0 \rightarrow \Lambda_c^+ \pi^-$ and $B^0 \rightarrow \Lambda_c^+ \pi^-$. Physical Review D, 2007, 75, .	4.7	14
140	Study of $B^0 \rightarrow D^0 \pi^+$ decays. Physical Review D, 2007, 76, .	4.7	39
141	Measurement of f_3 with a Dalitz plot analysis of $B^0 \rightarrow D^0 K^0$ decay. Physical Review D, 2006, 73, .	4.7	64
142	Improved measurements of color-suppressed decays $B^0 \rightarrow D^0 \pi^0$, $D^0 \pi^0$, $D^0 \pi^0$, $D^0 \pi^0$ and $D^0 \pi^0$. Physical Review D, 2006, 74, .	4.7	14
143	Study of $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^0$ decays. Physical Review D, 2006, 73, .	4.7	36
144	Measurement of CP violation in $B^0 \rightarrow D^0 \pi^+$ and $B^0 \rightarrow D^0 \pi^+$ decays. Physical Review D, 2006, 73, .	4.7	18

#	ARTICLE	IF	CITATIONS
163	Observation of $B^0 \rightarrow \pi^0 \ell^+ \ell^-$. Physical Review Letters, 2005, 94, 181803.	7.8	42
164	Measurement of the Wrong-Sign Decays $D^0 \rightarrow K^+ \bar{\ell}^+ \ell^-$ and $D^0 \rightarrow K^+ \bar{\ell}^+ \ell^- \ell^+$, and Search for CP Violation. Physical Review Letters, 2005, 95, 231801.	7.8	26
165	Measurement of the Branching Fraction and CP Asymmetry in $B^+ \rightarrow \pi^+ \ell^+ \ell^-$. Physical Review Letters, 2005, 94, 031801.	7.8	20
166	Determination of $ V_{ub} $ from Measurements of the Inclusive Charmless Semileptonic Partial Rates of B Mesons using Full Reconstruction Tags. Physical Review Letters, 2005, 95, 241801.	7.8	30
167	Evidence for $B^0 \rightarrow D^+ D^-$ and Observation of $B^+ \rightarrow D^0 D^+$ and $B^+ \rightarrow D^0 D^+$ Decays. Physical Review Letters, 2005, 95, 041803.	7.8	11
168	Observation of $B^+ \rightarrow K^1(1270)^+ \ell^+$. Physical Review Letters, 2005, 94, 111802.	7.8	53
169	Search for $B^0 \rightarrow J/\psi D^0$ and $B^+ \rightarrow J/\psi D^+$ decays. Physical Review D, 2005, 71, .	4.7	5
170	Measurement of Polarization and Triple-Product Correlations in $B^+ \rightarrow K^* \ell^+$ Decays. Physical Review Letters, 2005, 94, 221804.	7.8	96
171	Improved measurement of CP-violation parameters $\sin^2 2\beta$ and $ \hat{\Gamma} $, B meson lifetimes, and B^0 - B^0 mixing parameter $r^{\text{th}} \text{ md}$. Physical Review D, 2005, 71, .	4.7	73
172	Observation of $B^+ \rightarrow D^0 \ell^+$ and $B^+ \rightarrow D^0 \ell^+$. Physical Review D, 2005, 72, .	4.7	7
173	Observation of $B^+ \rightarrow J/\psi p^+$ and searches for $B^+ \rightarrow J/\psi \Omega^+$ and $B^0 \rightarrow J/\psi p^+$ decays. Physical Review D, 2005, 72, 4.7	4.7	22
174	Search for CP Violation in the Decay $B^0 \rightarrow D^* \ell^+ \ell^-$. Physical Review Letters, 2004, 93, 201802.	7.8	17
175	Observation of $B^+ \rightarrow \pi^+ (3770)^+$. Physical Review Letters, 2004, 93, 051803.	7.8	40
176	Measurement of the $B^+ \rightarrow K^* \ell^+$ branching fractions and asymmetries. Physical Review D, 2004, 69, .	4.7	85
177	Measurement of $ V_{ub} $ Using Inclusive $B^+ \rightarrow Xu^+$, $\ell^+ \ell^-$ Decays with a Novel Xu-Reconstruction Method. Physical Review Letters, 2004, 92, 101801.	7.8	32
178	Measurement of β with Dalitz plot analysis of $B^+ \rightarrow D^0(*) K^+$ decay. Physical Review D, 2004, 70, .	4.7	73
179	Study of $B^0 \rightarrow D^0 \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 159-166.	4.1	24
180	Observation of $B^+ \rightarrow D^0 K^+$ and $B^+ \rightarrow D^0 K^+$ Decays. Physical Review Letters, 2003, 90, 141802.	7.8	28

#	ARTICLE	IF	CITATIONS
181	Measurement of branching fractions and charge asymmetries for two-body B meson decays with charmonium. <i>Physical Review D</i> , 2003, 67, .	4.7	34
182	Observation of a Narrow Charmoniumlike State in Exclusive $B_{\pm} \rightarrow K_{\pm} \psi(3770) \psi'$ Decays. <i>Physical Review Letters</i> , 2003, 91, 262001.	7.8	1,526
183	Studies of $B^0 \rightarrow B^0$ mixing properties with inclusive dilepton events. <i>Physical Review D</i> , 2003, 67, .	4.7	30
184	Measurement of Branching Fractions for $B_{\pm} \rightarrow \psi(3770) c K^{(*)}$ Decays. <i>Physical Review Letters</i> , 2003, 90, 071801.	7.8	29
185	Observation of $B_{\pm} \rightarrow \psi(3770) \psi'$ Decays. <i>Physical Review Letters</i> , 2003, 91, 221801.	7.8	90
186	Observation of $B_{\pm} \rightarrow \psi(3770) D^{(*)} \psi'$. <i>Physical Review Letters</i> , 2002, 89, 151802.	7.8	90
187	Radiative B Meson Decays into K_1^0 and K_1^0 Final States. <i>Physical Review Letters</i> , 2002, 89, 231801.	7.8	43
188	Observation of $B_{\pm} \rightarrow \psi(3770) c K^+$. <i>Physical Review Letters</i> , 2002, 88, 031802.	7.8	41
189	Study of exclusive B decays to charmed baryons. <i>Physical Review D</i> , 2002, 66, .	4.7	29
190	Measurements of branching fractions and decay amplitudes in decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 538, 11-20.	4.1	47
191	Study of $B_{\pm} \rightarrow \psi(3770) c$ decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 542, 183-192.	4.1	41
192	Observation of $B_{\pm} \rightarrow \psi(3770) K_1(1270)$. <i>Physical Review Letters</i> , 2001, 87, 161601.	7.8	29
193	Observation of Large CP Violation in the Neutral B Meson System. <i>Physical Review Letters</i> , 2001, 87, 091802.	7.8	471
194	Observation of Cabibbo Suppressed $B_{\pm} \rightarrow D^{(*)} K_{\pm}$ Decays at Belle. <i>Physical Review Letters</i> , 2001, 87, 111801.	7.8	27