

Karim Trabelsi

List of Publications by Citations

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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.

471 papers	19,898 citations	69 h-index	123 g-index
501 ext. papers	22,702 ext. citations	5.4 avg, IF	3.65 L-index

#	Paper	IF	Citations
471	Observation of a narrow charmoniumlike state in exclusive $B^+ \rightarrow K^+ \pi^+ \pi^- J/\psi$ decays. <i>Physical Review Letters</i> , 2003 , 91, 262001	7.4	1115
470	The Belle detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 479, 117-232	1.2	1099
469	Study of $e^+ e^- \rightarrow \mu^+ \mu^- J/\psi$ and observation of a charged charmoniumlike state at Belle. <i>Physical Review Letters</i> , 2013 , 110, 252002	7.4	458
468	Observation of large CP violation in the neutral B meson system. <i>Physical Review Letters</i> , 2001 , 87, 091802	7.4	418
467	Measurement of the branching ratio of $B^0 \rightarrow D^{(*)} \pi^0$ relative to $B^0 \rightarrow D^{(*)} \pi^+ \pi^-$ decays with hadronic tagging at Belle. <i>Physical Review D</i> , 2015 , 92,	4.9	336
466	Averages of b-hadron, c-hadron, and (τ)-lepton properties as of summer 2016. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	310
465	Test of lepton universality with $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
464	A measurement of the inclusive $b \rightarrow s$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 169-187	4.2	253
463	Observation of a near-threshold $\omega J/\psi$ mass enhancement in exclusive $B \rightarrow K \omega J/\psi$ decays. <i>Physical Review Letters</i> , 2005 , 94, 182002	7.4	250
462	Measurement of the differential branching fraction and forward-backward asymmetry for $B \rightarrow K^{*} l^+ l^-$. <i>Physical Review Letters</i> , 2009 , 103, 171801	7.4	244
461	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
460	Angular analysis of the $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
459	Search for lepton-flavor-violating J/ψ decays into three leptons with 719 million produced. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 687, 139-143	4.2	231
458	A measurement of the branching fraction for the inclusive $B \rightarrow X s$ decays with the Belle detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 511, 151-158	4.2	230
457	Measurement of the Lepton Polarization and $R(D^{(*)})$ in the Decay $B \rightarrow D^{(*)} \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2017 , 118, 211801	7.4	229
456	Study of $B \rightarrow D^{*} \pi^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	204
455	Observation of a charmoniumlike state produced in association with a J/ψ in $e^+ e^-$ annihilation at \sqrt{s} approximately equal to 10.6 GeV. <i>Physical Review Letters</i> , 2007 , 98, 082001	7.4	198

454	Observation of the D(sJ)(2317) and D(sJ)(2457) in B decays. <i>Physical Review Letters</i> , 2003 , 91, 262002	7.4	197
453	Evidence for D ⁰ -D ⁰ mixing. <i>Physical Review Letters</i> , 2007 , 98, 211803	7.4	194
452	Observation of two resonancelike structures in the $\pi\pi$ mass distribution in exclusive B ⁰ →K ⁰ $\pi\pi$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	185
451	Physics achievements from the Belle experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2012 , 2012, 4D001-0	5.4	184
450	Evidence of the purely leptonic decay B ⁻ →tau ⁻ nu(tau). <i>Physical Review Letters</i> , 2006 , 97, 251802	7.4	182
449	Inclusive measurement of the photon energy spectrum in b ⁻ →sgamma decays. <i>Physical Review Letters</i> , 2004 , 93, 061803	7.4	182
448	Observation of a chi(c2)' candidate in gamma gamma → DD production at belle. <i>Physical Review Letters</i> , 2006 , 96, 082003	7.4	180
447	Improved measurement of mixing-induced CP violation in the neutral B meson system. <i>Physical Review D</i> , 2002 , 66,	4.9	167
446	The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2019 , 2019,	5.4	163
445	Measurement of B ⁰ →D transition form factor at Belle. <i>Physical Review D</i> , 2012 , 86,	4.9	146
444	Measurement of the branching ratio of B ⁰ →D ⁺ +pi ⁻ relative to B ⁰ →D ⁺ +pi ⁰ decays with a semileptonic tagging method. <i>Physical Review D</i> , 2016 , 94,	4.9	144
443	Status of the Belle silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 560, 1-4	1.2	142
442	Angular analysis and differential branching fraction of the decay B ⁰ →pi ⁰ pi ⁰ . <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
441	Observation of anomalous upsilon(1S)pi ⁺ pi ⁻ and upsilon(2S)pi ⁺ pi ⁻ production near the upsilon(5S) resonance. <i>Physical Review Letters</i> , 2008 , 100, 112001	7.4	138
440	High-statistics study of the B ⁰ →D ⁰ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	136
439	Lepton-Flavor-Dependent Angular Analysis of B ⁻ →K ⁺ pi ⁻ pi ⁻ . <i>Physical Review Letters</i> , 2017 , 118, 111801	7.4	131
438	Bounds on the width, mass difference and other properties of X(3872)→pi ⁰ pi ⁰ /eta decays. <i>Physical Review D</i> , 2011 , 84,	4.9	123
437	Study of double charmonium production in e ⁺ e ⁻ annihilation at s=0.6 GeV. <i>Physical Review D</i> , 2004 , 70,	4.9	123

- 436 Evidence for $B^- \rightarrow \pi^0 \pi^0$ with a hadronic tagging method using the full data sample of Belle. *Physical Review Letters*, **2013**, 110, 131801 7.4 118
- 435 Muon identification in the Belle experiment at KEKB. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2002**, 491, 69-82 1.2 116
- 434 Dalitz analysis of the three-body charmless decays $B^{+-} \rightarrow K^+ \pi^- \pi^0$ and $B^{+-} \rightarrow K^+ K^- K^0$. *Physical Review D*, **2005**, 71, 074011 4.9 114
- 433 Evidence for $B^0 \rightarrow \pi^0 \pi^0$. *Physical Review Letters*, **2003**, 91, 261801 7.4 114
- 432 Dalitz analysis of $B \rightarrow K \pi \pi$ decays and the $Z(4430)^+$. *Physical Review D*, **2009**, 80, 074011 4.9 110
- 431 First observation of the P-wave spin-singlet bottomonium states $hb(1P)$ and $hb(2P)$. *Physical Review Letters*, **2012**, 108, 032001 7.4 107
- 430 Measurements of the $D(sJ)$ resonance properties. *Physical Review Letters*, **2004**, 92, 012002 7.4 107
- 429 Observation of a new charged charmoniumlike state in $B \rightarrow J/\psi K$ decays. *Physical Review D*, **2014**, 90, 074011 4.9 106
- 428 Experimental constraints on the spin and parity of the $Z(4430)^+$. *Physical Review D*, **2013**, 88, 074011 4.9 106
- 427 Current status of the standard model CKM fit and constraints on $\mathcal{B}=2$ new physics. *Physical Review D*, **2015**, 91, 074011 4.9 103
- 426 B, D and K decays. *European Physical Journal C*, **2008**, 57, 309-492 4.2 100
- 425 Evidence for large direct CP violation in $B^{+/-} \rightarrow \rho(770)^0 K^{+/-}$ from analysis of three-body charmless $B^{+/-} \rightarrow K^{+/-} \pi^+ \pi^-$ decays. *Physical Review Letters*, **2006**, 96, 251803 7.4 97
- 424 Observation of a charmoniumlike enhancement in the $\gamma\gamma \rightarrow \omega(J/\psi)$ process. *Physical Review Letters*, **2010**, 104, 092001 7.4 96
- 423 Evidence for a new resonance and search for the $Y(4140)$ in the $\gamma\gamma \rightarrow \phi J/\psi$ process. *Physical Review Letters*, **2010**, 104, 112004 7.4 95
- 422 Predictions of selected flavor observables within the standard model. *Physical Review D*, **2011**, 84, 074011 4.9 94
- 421 Observation of time-dependent CP violation in $B^0 \rightarrow \eta' K^0$ decays and improved measurements of CP asymmetries in $B^0 \rightarrow \phi K^0$, $K_S^0 K_S^0 K_S^0$ and $B^0 \rightarrow J/\psi K^0$ decays. *Physical Review Letters*, **2007**, 98, 031802 7.4 94
- 420 Observation of $B(0) \rightarrow D^{*-} \tau^+ \nu(\tau)$ decay at Belle. *Physical Review Letters*, **2007**, 99, 191807 7.4 93
- 419 Observation of $B^{+/-} \rightarrow p^{+/-} \bar{p} K^{+/-}$. *Physical Review Letters*, **2002**, 88, 181803 7.4 93

418	Observation of $B^+ \rightarrow D^+ \pi^0$ and evidence for $B^+ \rightarrow D^+ \pi^0 \pi^0$ at Belle. <i>Physical Review D</i> , 2010 , 82,	4.9	92
417	Observation of $X(3872) \rightarrow J/\psi$ and search for $X(3872) \rightarrow \eta$ in B decays. <i>Physical Review Letters</i> , 2011 , 107, 091803	7.4	91
416	Measurement of the CP violation parameter $\sin^2 \phi(1)$ in $B(0)(d)$ meson decays. <i>Physical Review Letters</i> , 2001 , 86, 2509-14	7.4	90
415	Measurement of $B(0)(d)$ - $B_-(0)(d)$ mixing rate from the time evolution of dilepton events at the $\sqrt{s}(4S)$. <i>Physical Review Letters</i> , 2001 , 86, 3228-32	7.4	89
414	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221804	7.4	88
413	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , 2008 , 452, 332-5	50.4	86
412	Observation of $B^- \rightarrow \rho^- \pi^0$ decays. <i>Physical Review Letters</i> , 2003 , 91, 221801	7.4	84
411	Observation of $B(0) \rightarrow D^{(*)0} \pi \pi$. <i>Physical Review Letters</i> , 2002 , 89, 151802	7.4	81
410	Study of exclusive $B \rightarrow Xu$ decays and extraction of $ V_{ub} $ using full reconstruction tagging at the Belle experiment. <i>Physical Review D</i> , 2013 , 88,	4.9	80
409	Study of the $B \rightarrow X(3872) (\rightarrow D^{*0} D^0) K$ decay. <i>Physical Review D</i> , 2010 , 81,	4.9	77
408	Measurement of $e^+e^- \rightarrow \eta(2S)$ via initial state radiation at Belle. <i>Physical Review D</i> , 2015 , 91,	4.9	76
407	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow \phi K(0)S$, $K+K-K(0)S$, and $\eta' K(0)S$ decays. <i>Physical Review Letters</i> , 2003 , 91, 261602	7.4	76
406	Observation of the decay $B \rightarrow K l^+ l^-$. <i>Physical Review Letters</i> , 2002 , 88, 021801	7.4	76
405	Improved measurement of CP-violation parameters $\sin 2\phi_1$ and $ \phi $ B meson lifetimes, and B^0 - B^0 mixing parameter Δm_d . <i>Physical Review D</i> , 2005 , 71,	4.9	70
404	Evidence for direct CP violation in the decay $B \rightarrow D^{(*)} K$, $D \rightarrow K S^0$ and measurement of the CKM phase ϕ_3 . <i>Physical Review D</i> , 2010 , 81,	4.9	69
403	Measurement of forward-backward asymmetry and Wilson coefficients in $B \rightarrow K^* l^+ l^-$. <i>Physical Review Letters</i> , 2006 , 96, 251801	7.4	69
402	Measurement of inclusive radiative B-meson decays with a photon energy threshold of 1.7 GeV. <i>Physical Review Letters</i> , 2009 , 103, 241801	7.4	68
401	Study of three-body charmless B decays. <i>Physical Review D</i> , 2002 , 65,	4.9	67

400	Observation of the $\psi(1680)$ and the $Y(2175)$ in $e^+e^- \rightarrow \psi(1680) \rightarrow \mu^+\mu^-$. <i>Physical Review D</i> , 2009 , 80, 111001.	4.9	66
399	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1.	5.4	65
398	Measurement of β_3 with Dalitz plot analysis of $B_{\mu} \rightarrow D^{(*)} K_{\mu}$ decay. <i>Physical Review D</i> , 2004 , 70, 034011.	4.9	65
397	Measurement of branching fractions for $B \rightarrow \pi\pi$, $K\pi$, and KK decays. <i>Physical Review Letters</i> , 2001 , 87, 101801.	7.4	65
396	Measurement of the lepton polarization and $R(D^*)$ in the decay $B_{\mu} \rightarrow D^{*0} \mu$ with one-prong hadronic π decays at Belle. <i>Physical Review D</i> , 2018 , 97, 034011.	4.9	64
395	Measurement of the $e^+e^- \rightarrow D^0 D^{*0}$ cross section using initial-state radiation. <i>Physical Review D</i> , 2009 , 80, 034011.	4.9	64
394	Measurements of $ V_{cb} $, form factors and branching fractions in the decays and. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 395, 373-387.	4.2	63
393	Improved constraints on D^0 - \bar{D}^0 mixing in $D^0 \rightarrow K^+ \pi^-$ decays from the Belle detector. <i>Physical Review Letters</i> , 2006 , 96, 151801.	7.4	63
392	Precise measurement of the CP violation parameter $\sin 2\beta$ in $B^0 \rightarrow (cc) K^0$ decays. <i>Physical Review Letters</i> , 2012 , 108, 171802.	7.4	62
391	Production of prompt charmonia in e^+e^- annihilation at square root of s approximately equals 0.6 GeV. <i>Physical Review Letters</i> , 2002 , 88, 052001.	7.4	62
390	Search for $B \rightarrow h^{(*)} \mu$ with the full Belle \sqrt{s} data sample. <i>Physical Review D</i> , 2013 , 87, 034011.	4.9	61
389	Time-dependent CP-violating asymmetries in $b \rightarrow s q \bar{q}$ transitions. <i>Physical Review D</i> , 2005 , 72, 034011.	4.9	60
388	The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020, 033C01.	5.4	58
387	Evidence of a new narrow resonance decaying to $(\bar{c}1)\pi$ in $B \rightarrow (\bar{c}1)K$. <i>Physical Review Letters</i> , 2013 , 111, 032001.	7.4	58
386	Measurement of β_3 with a Dalitz plot analysis of $B^{+-} \rightarrow D^{(*)} K^{(*)+}$ decay. <i>Physical Review D</i> , 2006 , 73, 034011.	4.9	58
385	Measurement of the branching fraction $B(\bar{B}^+ \rightarrow \rho^0 K^+)$. <i>Physical Review Letters</i> , 2014 , 113, 042002.	7.4	57
384	Measurement of the decay $B^0 \rightarrow \mu^+ \mu^-$ and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83, 034011.	4.9	57
383	Observation of $Z_{\{b\}}(10610)$ and $Z_{\{b\}}(10650)$ Decaying to B Mesons. <i>Physical Review Letters</i> , 2016 , 116, 212001.	7.4	55

382	Evidence for $B \rightarrow \pi\pi$ with a semileptonic tagging method. <i>Physical Review D</i> , 2010 , 82,	4.9	55
381	Observation of an enhancement in $e^+e^- \rightarrow \Upsilon(1S) \pi^0 \pi^0$ and $\Upsilon(2S) \pi^0 \pi^0$ production near $s=10.89$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	54
380	Measurement of the branching fraction for $B \rightarrow \pi K$ and search for $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 309-318	4.2	54
379	Search for supersymmetric particles in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 373, 246-260	4.2	54
378	Amplitude analysis of $e^+e^- \rightarrow \pi^0 \pi^0$ at $s=10.866$ GeV. <i>Physical Review D</i> , 2015 , 91,	4.9	53
377	Search for a CP asymmetry in Cabibbo-suppressed D^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 670, 190-195	4.2	53
376	Measurement of the form factors of the decay $B^0 \rightarrow D^{*+} \pi^-$ and determination of the CKM matrix element $ V_{cb} $. <i>Physical Review D</i> , 2010 , 82,	4.9	52
375	Study of B meson decays to three-body charmless hadronic final states. <i>Physical Review D</i> , 2004 , 69,	4.9	52
374	Measurement of the electroweak penguin process $B \rightarrow X(s) l^+ l^-$. <i>Physical Review Letters</i> , 2003 , 90, 021801	7.4	52
373	Studies of CP violation in $B \rightarrow J/\psi K^*$ decays. <i>Physical Review Letters</i> , 2005 , 95, 091601	7.4	51
372	Evidence for the $\Upsilon(b)(2S)$ and observation of $h(b)(1P) \rightarrow \Upsilon(b)(1S)$ and $h(b)(2P) \rightarrow \Upsilon(b)(1S)$. <i>Physical Review Letters</i> , 2012 , 109, 232002	7.4	50
371	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^- \pi^0$ decays and the $B^0 \rightarrow K^{*0} \pi^0$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
370	Measurement of the decay $B \rightarrow D \pi$ in fully reconstructed events and determination of the Cabibbo-Kobayashi-Maskawa matrix element $ V_{cb} $. <i>Physical Review D</i> , 2016 , 93,	4.9	47
369	Measurement of forward J/ψ production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	47
368	Dalitz analysis of three-body charmless $B^0 \rightarrow K^0 \pi^+ \pi^-$ decay. <i>Physical Review D</i> , 2007 , 75,	4.9	47
367	Observation of $B(s) \rightarrow J/\psi \pi^0$ and evidence for $B(s) \rightarrow J/\psi \pi^0$. <i>Physical Review Letters</i> , 2011 , 106, 121802	7.4	46
366	Measurement of the branching fraction, polarization, and asymmetry for decays, and determination of the Cabibbo-Kobayashi-Maskawa phase. <i>Physical Review Letters</i> , 2006 , 96, 171801	7.4	46
365	Search for $B \rightarrow h^{(*)} \nu \nu$ decays at Belle. <i>Physical Review Letters</i> , 2007 , 99, 221802	7.4	46

364	Search for $B \rightarrow h\ell$ decays with semileptonic tagging at Belle. <i>Physical Review D</i> , 2017 , 96,	4.9	45
363	First observation of the $Z_b(10610)$ in a Dalitz analysis of $\Upsilon(10860) \rightarrow \Upsilon(hS)\eta\eta$. <i>Physical Review D</i> , 2013 , 88,	4.9	45
362	A study of Υ decays involving η and η mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 263-273		45
361	Measurement of $B(B \rightarrow D^+\ell)$ and determination of $ V_{cb} $. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 526, 258-268	4.2	45
360	Observation of $\Upsilon(4040)$ and $\Upsilon(4160)$ decay into η/η' . <i>Physical Review D</i> , 2013 , 87,	4.9	43
359	Measurement of the $e^+e^- \rightarrow J/\psi \eta'$ cross section at $\sqrt{s} \approx 0.6$ GeV. <i>Physical Review D</i> , 2009 , 79,	4.9	43
358	Measurements of branching fractions and decay amplitudes in $B \rightarrow J/\psi K^*$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 538, 11-20	4.2	43
357	Observation of mixing-induced CP violation in the neutral B meson system. <i>Physical Review D</i> , 2002 , 66,	4.9	43
356	Observation of the color-suppressed decay $B(0^-) \rightarrow D(0)\pi(0)$. <i>Physical Review Letters</i> , 2002 , 88, 052002	7.4	43
355	Measurement of the exclusive Υ production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	42
354	Observation of direct CP violation in $B_0 \rightarrow \pi^+\pi^-$ decays and model-independent constraints on the quark-mixing angle ϕ_2 . <i>Physical Review Letters</i> , 2007 , 98, 211801	7.4	42
353	Time-dependent CP asymmetries in $B_0 \rightarrow K_S^0 \eta'$ transitions. <i>Physical Review D</i> , 2006 , 74,	4.9	42
352	Improved measurements of the branching fractions for $B \rightarrow K_S^0 \eta'$ and KK^0 decays. <i>Physical Review D</i> , 2004 , 69,	4.9	40
351	Measurement of Einstein-Podolsky-Rosen-type flavor entanglement in $Upsilon(4S) \rightarrow B_0 B_0$ decays. <i>Physical Review Letters</i> , 2007 , 99, 131802	7.4	39
350	Observation of $D^+(s)K^-$ and evidence for $D^+(s)\pi^-$ final states in neutral B decays. <i>Physical Review Letters</i> , 2002 , 89, 231804	7.4	39
349	Measurements of branching fractions and direct CP asymmetries for $B \rightarrow K_S^0 B \rightarrow \eta$ and $B \rightarrow KK$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	38
348	Measurement of the Decay $B_{(s)}(0^-) \rightarrow D_{(s)}(-)\pi^+(+)$ and Evidence for $B_{(s)}(0^-) \rightarrow D_{(s)}(-/+)K; (+/-)$ in e^+e^- Annihilation at \sqrt{s} approximately 10.87 GeV. <i>Physical Review Letters</i> , 2009 , 102, 021801	7.4	38
347	Evidence for CP-violating asymmetries in $B_0 \rightarrow \eta' \eta$ decays and constraints on the CKM angle ϕ . <i>Physical Review D</i> , 2003 , 68,	4.9	38

346	Search for lepton-flavor and lepton-number-violating $B \rightarrow Bh^?$ decay modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 346-353	4.2	37
345	Future sensitivity to new physics in Bd, Bs, and K mixings. <i>Physical Review D</i> , 2014 , 89,	4.9	37
344	Moments of the electron energy spectrum and partial branching fraction of $B \rightarrow X e l \bar{l}$ decays at the Belle detector. <i>Physical Review D</i> , 2007 , 75,	4.9	37
343	Observation of $b \rightarrow d \gamma$ and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2006 , 96, 221601	7.4	37
342	Charge asymmetry of same-sign dileptons in $B_0 B_0^0$ mixing. <i>Physical Review D</i> , 2006 , 73,	4.9	37
341	Radiative B meson decays into $k \pi \gamma$ and $k \pi \pi \gamma$ final states. <i>Physical Review Letters</i> , 2002 , 89, 231801	7.4	37
340	Measurements of branching fractions of leptonic and hadronic (D_{s^+}) meson decays and extraction of the (D_{s^+}) meson decay constant. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	36
339	Measurement of $B(D_{s^+} \rightarrow \mu + \nu(\mu))$. <i>Physical Review Letters</i> , 2008 , 100, 241801	7.4	36
338	Study of $B_0^0 \rightarrow D_0^0 \pi^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	36
337	Observation of $B^{+-} \rightarrow \psi(3770) K^+$. <i>Physical Review Letters</i> , 2004 , 93, 051803	7.4	36
336	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
335	Measurement of the branching fraction of $B^{+-} \rightarrow \pi^0 \pi^0$ decays with the semileptonic tagging method. <i>Physical Review D</i> , 2015 , 92,	4.9	35
334	Measurement of CP asymmetry in a time-dependent Dalitz analysis of $B_0^0 \rightarrow (\rho^0 \pi^0)_0$ and a constraint on the quark mixing matrix angle ϕ_2 . <i>Physical Review Letters</i> , 2007 , 98, 221602	7.4	35
333	Search for CP violation in the decays $D(s)^+ \rightarrow K S^0 \pi^+$ and $D(s)^+ \rightarrow K S^0 K^+$. <i>Physical Review Letters</i> , 2010 , 104, 181602	7.4	34
332	Search for lepton-number-violating $B^{+-} \rightarrow D^0 \pi^{\pm}$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	34
331	Resonant structure and flavour tagging in the $B \bar{B}$ system using fully reconstructed B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 425, 215-226	4.2	34
330	Moments of the hadronic invariant mass spectrum in $B \rightarrow X c l \bar{l}$ decays at Belle. <i>Physical Review D</i> , 2007 , 75,	4.9	34
329	Measurement of inclusive D_s , D_0 , and J/ψ rates and determination of the $B_s^{(*)} B_s^{(*)}$ production fraction in $b \bar{b}$ Events at the Upsilon(5S) resonance. <i>Physical Review Letters</i> , 2007 , 98, 052001	7.4	34

328	Energy Scan of the $e^+e^- \rightarrow h_b(nP)\chi^{+}_{c0}\chi^{-}_{c0}$ ($n=1, 2$) Cross Sections and Evidence for $\psi(11020)$ Decays into Charged Bottomoniumlike States. <i>Physical Review Letters</i> , 2016 , 117, 142001	7.4	34
327	Study of the $D^0 p$ amplitude in $\bar{D}^0 b \rightarrow D^0 p \bar{D}^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	33
326	Observation of an alternative $B^0(2P)$ candidate in $e^+e^- \rightarrow J/\psi D^0 \bar{D}^0$. <i>Physical Review D</i> , 2017 , 95,	4.9	33
325	Study of $B^0 \rightarrow DCPK^0$ and DCP^*K^0 decays. <i>Physical Review D</i> , 2006 , 73,	4.9	33
324	Measurement of the CP asymmetry in $B \rightarrow Xs$ gamma. <i>Physical Review Letters</i> , 2004 , 93, 031803	7.4	33
323	Determination of $ V_{cb} $ using the semileptonic decay $B^0 \rightarrow D^* + e^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 526, 247-257	4.2	33
322	Evidence for the suppressed decay $B(-) \rightarrow DK(-)$, $D \rightarrow K(+)\ell$. <i>Physical Review Letters</i> , 2011 , 106, 231803	7.4	32
321	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	31
320	Search for invisible decay of the Upsilon(1S). <i>Physical Review Letters</i> , 2007 , 98, 132001	7.4	31
319	Measurement of the $B^0 \rightarrow Xs$ branching fraction with a sum of exclusive decays. <i>Physical Review D</i> , 2015 , 91,	4.9	30
318	Measurement of $ V_{ub} $ from inclusive charmless semileptonic B decays. <i>Physical Review Letters</i> , 2010 , 104, 021801	7.4	30
317	Measurement of CP violating asymmetries in $B^0 \rightarrow K^+ K^- S^0$ decays with a time-dependent Dalitz approach. <i>Physical Review D</i> , 2010 , 82,	4.9	30
316	Measurement of the tau lepton mass and an upper limit on the mass difference between τ^+ and τ^- . <i>Physical Review Letters</i> , 2007 , 99, 011801	7.4	30
315	Study of the $B_s^0 B_s^0$ oscillation frequency using D_s combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 205-221	4.2	30
314	Time-dependent Dalitz plot measurement of CP parameters in $B^0 \rightarrow K S^0 \pi^0$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	29
313	A measurement of R_b using a lifetime-mass tag. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 150-162	4.2	29
312	Measurement of the lifetime difference in D^0 meson decays. <i>Physical Review Letters</i> , 2002 , 88, 162001	7.4	29
311	Studies of charmed strange baryons in the D final state at Belle. <i>Physical Review D</i> , 2016 , 94,	4.9	28

310	First measurement of ϕ_3 with a model-independent Dalitz plot analysis of $B_{\text{d}}^0 \rightarrow DK_{\text{d}}^0$, $D \rightarrow KS^0 K_{\text{d}}^0$ decay. <i>Physical Review D</i> , 2012 , 85,	4.9	28
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308	Observation of $e^+e^- \rightarrow \eta(10)(B_J)$ and Search for $X(b) \rightarrow \eta(1S)$ at $\sqrt{s} = 10.867$ GeV. <i>Physical Review Letters</i> , 2014 , 113, 142001	7.4	27
307	Observation of $B_{\text{s}}(0) \rightarrow \phi \gamma$ and search for $B_{\text{s}}(0) \rightarrow \gamma \gamma$ decays at Belle. <i>Physical Review Letters</i> , 2008 , 100, 121801	7.4	27
306	Measurement of the quark mixing parameter $\cos 2\phi_1$ using time-dependent Dalitz analysis of $B^0 \rightarrow D[K^0(K^+K^-) + \pi^+\pi^-]h^0$. <i>Physical Review Letters</i> , 2006 , 97, 081801	7.4	27
305	Search for charmless two-body baryonic decays of B mesons. <i>Physical Review D</i> , 2002 , 65,	4.9	27
304	Search for lepton-flavor-violating \bar{B} decays into a lepton and a vector meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 251-257	4.2	26
303	A measurement of R_b using mutually exclusive tags. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 163-175	4.2	26
302	Observation of decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 542, 171-182	4.2	26
301	Studies of $B^0\bar{B}^0$ mixing properties with inclusive dilepton events. <i>Physical Review D</i> , 2003 , 67,	4.9	26
300	Measurement of branching fractions for $B \rightarrow \eta(c)K^*$ decays. <i>Physical Review Letters</i> , 2003 , 90, 071801	7.4	26
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297	Search for an H-dibaryon with a mass near $2m_{\Lambda}$ in $\eta(1S)$ and $\eta(2S)$ decays. <i>Physical Review Letters</i> , 2013 , 110, 222002	7.4	25
296	Search for CP violation in $B \rightarrow K(S)0 \eta'$ decays at Belle. <i>Physical Review Letters</i> , 2011 , 107, 131801	7.4	25
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291	Search for a low mass particle decaying into π^0 in $B^0 \rightarrow K^{*0} X$ and $B^0 \rightarrow \bar{D} X$ at Belle. <i>Physical Review Letters</i> , 2010 , 105, 091801	7.4	24
290	Measurement of $e^+e^- \rightarrow D_s^{(*)} + D_s^{(*)} \ell^+ \ell^-$ cross sections near threshold using initial-state radiation. <i>Physical Review D</i> , 2011 , 83,	4.9	24
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286	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
285	Improved measurement of CP-violating parameters in $B \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	23
284	Observation of Cabibbo suppressed $B \rightarrow D^{(*)} K^-$ decays at Belle. <i>Physical Review Letters</i> , 2001 , 87, 111801	7.4	23
283	Charmless hadronic two-body B meson decays. <i>Physical Review D</i> , 2002 , 66,	4.9	23
282	Measurement of the CKM angle Γ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
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280	Measurement of the forward-backward asymmetry in $Z/\gamma^* \rightarrow \ell^+ \ell^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
279	Measurement of the τ lepton lifetime at Belle. <i>Physical Review Letters</i> , 2014 , 112, 031801	7.4	22
278	Measurement of the CP violation parameters in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	22
277	Observation of $B^0 \rightarrow \pi^0 \pi^0$ with a large K^{*0} polarization. <i>Physical Review Letters</i> , 2008 , 100, 251801	7.4	22
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272	Search for leptonic decays of D^0 mesons. <i>Physical Review D</i> , 2010 , 81,	4.9	21
271	Measurement of $\Upsilon(5S)$ decays to B^0 and B^+ mesons. <i>Physical Review D</i> , 2010 , 81,	4.9	21
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269	Measurements of time-dependent CP violation in $B^0 \rightarrow \bar{K}^0 S^0$, $f_0(980) K^0 S^0$, $K^0 S^0$ and $K^+ K^- K^0 S^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	21
268	Observation of $B \rightarrow J/\psi$ and searches for $B \rightarrow J/\psi p$ and $B^0 \rightarrow J/\psi p$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	21
267	Study of $B^0 \rightarrow D^{(*)} 0 \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 553, 159-166	4.2	21
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253	Measurement of inclusive production of neutral pions from $\Upsilon(4S)$ decays. <i>Physical Review D</i> , 2001 , 64,	4.9	19
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242	Measurement of forward Z $\rightarrow e^+e^-$ production at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
241	First observation of $B(s)(0) \rightarrow J/\psi$ and $B(s)(0) \rightarrow J/\psi$ <i>Physical Review Letters</i> , 2012 , 108, 181808	7.4	17
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178	Angular analysis of $B^0 \rightarrow \pi^+ K^*$ decays and search for CP violation at Belle. <i>Physical Review D</i> , 2013 , 88,	4.9	11
177	Search for charmonium and charmoniumlike states in (ΥS) radiative decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
176	Measurement of branching fraction and first evidence of CP violation in $B^0 \rightarrow \pi^+ \pi^- (1260)0$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	11
175	Determination of A_{FB}^b using jet charge measurements in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 217-230	4.2	11
174	Measurement of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays and search for $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	11
173	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow K(S)0 \rho(0) \gamma$ decays. <i>Physical Review Letters</i> , 2008 , 101, 251601	7.4	11
172	Improved measurements of branching fractions and CP asymmetries in $B \rightarrow \bar{B}$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	11
171	Study of time-dependent CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2004 , 93, 261801	7.4	11
170	Improved measurement of the partial-rate CP asymmetry in $B^+ \rightarrow K^0 \pi^+$ and $B^0 \rightarrow K^0 \pi^0$ decays. <i>Physical Review D</i> , 2003 , 68,	4.9	11
169	The silicon vertex detector for the super B factory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 541, 421-426 ^{1,2}		11
168	Measurement of the time-dependent CP-violating asymmetry in $B(0) \rightarrow K(0)(S) \pi(0) \gamma$ decays. <i>Physical Review Letters</i> , 2005 , 94, 231601	7.4	11
167	Observation of $\chi(c2)$ production in B meson decay. <i>Physical Review Letters</i> , 2002 , 89, 011803	7.4	11

166	Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
165	Study of $B^0 \rightarrow \pi^0 \pi^0$ decays and implications for the CKM angle ϕ_2 . <i>Physical Review D</i> , 2016 , 93,	4.9	10
164	Observation of the Decay $B_{s1}^0 \rightarrow K^0 \bar{K}^0 \pi^0$. <i>Physical Review Letters</i> , 2016 , 116, 161801	7.4	10
163	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at ($\sqrt{s_{NN}}=5$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
162	Evidence for Isospin Violation and Measurement of CP Asymmetries in $B \rightarrow K^*(892) \pi$ <i>Physical Review Letters</i> , 2017 , 119, 191802	7.4	10
161	Observation of the suppressed decay $B^0 \rightarrow \rho^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
160	Search for the decay ($B_s^0 \rightarrow \bar{D}^0 \{F_0(980)\}$). <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	10
159	Measurement of the inclusive semileptonic branching fraction $B(B_s^0 \rightarrow X \ell^+ \ell^-)$ at Belle. <i>Physical Review D</i> , 2013 , 87,	4.9	10
158	Search for $B^0 \rightarrow K^0 K^{*0}$, $B^0 \rightarrow K^0 K^{*0}$ and $B^0 \rightarrow K^+ K^{*-}$ decays. <i>Physical Review D</i> , 2010 , 81,	4.9	10
157	Search for the decay $B^0 \rightarrow D K^{*0}$ followed by $D \rightarrow K \pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	10
156	Measurement of the branching fraction for $D^0 \rightarrow K \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 403, 367-376	4.2	10
155	Observation of the decay $B(0) \rightarrow J/\psi \pi^0$. <i>Physical Review Letters</i> , 2007 , 98, 131803	7.4	10
154	Improved measurements of color-suppressed decays $B^0 \rightarrow D^0 \pi^0$, $D^0 \rightarrow D^0 \pi^0$, $D^{*0} \rightarrow D^0 \pi^0$ and $D^{*0} \rightarrow D^0 \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	10
153	Observation of radiative $B \rightarrow \phi K \gamma$ decays. <i>Physical Review Letters</i> , 2004 , 92, 051801	7.4	10
152	Study of the suppressed decays $B^- \rightarrow [K+\pi^-](D)K^-$ and $B^- \rightarrow [K+\pi^-]D\pi^-$. <i>Physical Review Letters</i> , 2005 , 94, 091601	7.4	10
151	Search for $B^{\pm} \rightarrow \pi^{\pm} \pi^0 \pi^0$ Decays at the Belle Experiment. <i>Physical Review Letters</i> , 2018 , 121, 031801	7.4	10
150	Observation of $D^0 \rightarrow \pi^0 \pi^0$ and Search for CP Violation in Radiative Charm Decays. <i>Physical Review Letters</i> , 2017 , 118, 051801	7.4	9
149	Search for CP violation in the decays $D(0) \rightarrow K(S)(0)P(0)$. <i>Physical Review Letters</i> , 2011 , 106, 211801	7.4	9

148	Observation of $D^+ \rightarrow K^{(*)}(\ell)$ and search for CP violation in $D^+ \rightarrow (\ell^+)(\ell)$ decays. <i>Physical Review Letters</i> , 2011 , 107, 221801	7.4	9
147	Search for sleptons in e^+e^- collisions at centre-of-mass energies of 161 GeV and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 377-388	4.2	9
146	Measurements of time-dependent CP violation in $B^0 \rightarrow (\pi^0)\pi^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	9
145	Measurement of time-dependent CP-violating parameters in $B^0 \rightarrow K_{(S)}(0)K_{(S)}(0)$ decays. <i>Physical Review Letters</i> , 2008 , 100, 121601	7.4	9
144	Observation of $B^{+/-} \rightarrow \omega K^{+/-}$ decay. <i>Physical Review Letters</i> , 2002 , 89, 191801	7.4	9
143	Search for $B^{+/-} \rightarrow \pi^0 \pi^0$ and $B^{+/-} \rightarrow \pi^0 \pi^{\pm}$ with inclusive tagging. <i>Physical Review D</i> , 2020 , 101,	4.9	9
142	Measurement of the integrated luminosity of the Phase 2 data of the Belle II experiment. <i>Chinese Physics C</i> , 2020 , 44, 021001	2.2	8
141	Measurement of the CKM angle ϕ_1 in $B^0 \rightarrow D^0 \pi^0$, $D^0 \rightarrow K_S^0 \pi^0$ decays with time-dependent binned Dalitz plot analysis. <i>Physical Review D</i> , 2016 , 94,	4.9	8
140	Measurement of the lepton forward-backward asymmetry in $B \rightarrow X_S \pi^0$ decays with a sum of exclusive modes. <i>Physical Review D</i> , 2016 , 93,	4.9	8
139	Measurement of the $B^0 \rightarrow \pi^0 \pi^0$ branching fraction and search for the decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	8
138	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , 2015 , 75, 595	4.2	8
137	Study of $B^0 \rightarrow \pi^0 \pi^0$ decays, implications for the CKM angle ϕ_2 and search for other B^0 decay modes with a four-pion final state. <i>Physical Review D</i> , 2014 , 89,	4.9	8
136	Evidence for the suppressed decay $B^0 \rightarrow D^0 \pi^0 \pi^0 \rightarrow K^+ \pi^-$. <i>Physical Review D</i> , 2013 , 88,	4.9	8
135	Measurements of branching fractions for $B^0 \rightarrow D_s^+ \pi^-$ and $B^0 \rightarrow D_s^+ K^-$. <i>Physical Review D</i> , 2010 , 82,	4.9	8
134	Measurement of $D^{+/-} \rightarrow K_S^0 K^+$ and $D_s^{+/-} \rightarrow K_S^0 \pi^0$ branching ratios. <i>Physical Review D</i> , 2009 , 80,	4.9	8
133	First observation of radiative $B^0 \rightarrow \gamma K^0 \pi^0$ decays and measurements of their time-dependent CP violation. <i>Physical Review D</i> , 2011 , 84,	4.9	8
132	Measurements of branching fractions and time-dependent CP violating asymmetries in $B^0 \rightarrow D^{(*)} \pi^0$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	8
131	The forward-backward asymmetry for charm quarks at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 434, 415-425	4.2	8

130	Time-dependent CP-violating asymmetry in $B^0 \rightarrow \rho^0 \gamma$ decays. <i>Physical Review Letters</i> , 2008 , 100, 021602	7.4	8
129	Study of CP violating effects in time dependent $B^0(B^0) \rightarrow D^{(*)} \pi^\pm$ decays. <i>Physical Review Letters</i> , 2004 , 93, 031802	7.4	8
128	Observation of the radiative decay $D^0 \rightarrow \rho^0 \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 101803	7.4	8
127	Studies of the decay $B^\pm \rightarrow D^{(*)} K^\pm$. <i>Physical Review Letters</i> , 2003 , 90, 131803	7.4	8
126	Measurement of the b forward-backward asymmetry and mixing using high- p_T leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 414-426	4.2	8
125	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
124	Measurement of forward W $\rightarrow e\bar{\nu}$ production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
123	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
122	Search for $B^+ \rightarrow e^+ \mu^-$ and $B^+ \rightarrow \mu^+ \mu^-$ decays using hadronic tagging. <i>Physical Review D</i> , 2015 , 91,	4.9	7
121	Search for CP violation in the $D^+ \rightarrow \mu^+ \nu$ decay at Belle. <i>Physical Review D</i> , 2018 , 97,	4.9	7
120	Study of $D^{(*)} + sJ$ mesons decaying to $D^* + K^0_S$ and $D^0 K^+$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
119	Observation of the $B^0 \rightarrow J/\psi \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
118	Search for bottomonium states in exclusive radiative (ΥS) decays. <i>Physical Review Letters</i> , 2013 , 111, 112001	7.4	7
117	Study of Υ and dipion transitions in $\Upsilon(4S)$ decays to lower bottomonia. <i>Physical Review D</i> , 2017 , 96,	4.9	7
116	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
115	Measurement of time-dependent CP violation in $B^0 \rightarrow \bar{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7
114	Search for CP-violating charge asymmetry in $B^\pm \rightarrow J/\psi K^\pm$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	7
113	Study of the decays $B \rightarrow D_{s1}(2536) D^{(*)}$. <i>Physical Review D</i> , 2011 , 83,	4.9	7

112	Measurements of time-dependent CP asymmetries in $B \rightarrow D^* \pi$ decays using a partial reconstruction technique. <i>Physical Review D</i> , 2011 , 84,	4.9	7
111	Measurements of charmless hadronic $b \rightarrow s$ penguin decays in the $\pi\pi$ final state and first observation of $B^0 \rightarrow \pi^+ K^- \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	7
110	Evidence for direct CP violation in $B \rightarrow \pi\pi$ and observation of $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 031801	7.4	7
109	Measurement of the branching fraction and charge asymmetry of the decay $B^+ \rightarrow D^+ D^0$ and search for $B^0 \rightarrow D^0 D^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	7
108	Study of the suppressed B meson decay $B \rightarrow DK \pi \rightarrow K \pi$. <i>Physical Review D</i> , 2008 , 78,	4.9	7
107	Development of the Continuous Acquisition Pixel (CAP) sensor for high luminosity lepton colliders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 565, 126-131	1.2	7
106	Status of the Belle Silicon Vertex Detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 541, 61-66	1.2	7
105	Angular analysis of the $e^+e^- \rightarrow D^{(*)} \pi D^{*?}$ process near the open charm threshold using initial-state radiation. <i>Physical Review D</i> , 2018 , 97,	4.9	6
104	Search for the rare decay $D^0 \rightarrow \pi^+ \pi^-$ at Belle. <i>Physical Review D</i> , 2016 , 93,	4.9	6
103	Search for the decay $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review D</i> , 2016 , 93,	4.9	6
102	Measurement of CP asymmetries and polarisation fractions in $(\{B\}_s^0 \rightarrow \{K\}^{\text{ast } 0} \overline{\{K\}^{\text{ast } 0}})$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
101	Search for the $\bar{D}^0 b^- \rightarrow \pi^+ \pi^-$ and $\bar{D}^0 b^- \rightarrow \pi^0 \pi^-$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
100	Study of the hadronic transitions $\psi(2S) \rightarrow (\bar{D}) \psi(1S)$ at Belle. <i>Physical Review D</i> , 2013 , 87,	4.9	6
99	Observation of $B^+ \rightarrow \pi^+ \pi^0$ at Belle. <i>Physical Review D</i> , 2009 , 80,	4.9	6
98	Evidence for neutral B meson decays to $\omega K^* 0$. <i>Physical Review Letters</i> , 2008 , 101, 231801	7.4	6
97	Observation of $B \rightarrow \pi \pi$ and search for direct CP violation. <i>Physical Review D</i> , 2006 , 74,	4.9	6
96	Measurements of B decays to two kaons. <i>Physical Review Letters</i> , 2005 , 95, 231802	7.4	6
95	Magnetic field mapping of the Belle solenoid. <i>IEEE Transactions on Nuclear Science</i> , 2001 , 48, 900-907	1.7	6

94	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
93	Model-independent measurement of the CKM angle α using $B^0 \rightarrow DK^{*0}$ decays with $D \rightarrow K^0 S^0$ and $K^0 S^0 K^+ K^-$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
92	Measurement of $B^0 \rightarrow D_s^* K^0$ and $B^+ \rightarrow D_s^* K^+$ branching fractions. <i>Physical Review D</i> , 2015 , 91,	4.9	5
91	Search for a dark vector gauge boson decaying to $\mu^+ \mu^-$ using $B \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	5
90	Evidence for $B \rightarrow K^0 \pi^0$ decays at Belle. <i>Physical Review D</i> , 2010 , 81,	4.9	5
89	Measurement of cross sections of exclusive $e^+ e^- \rightarrow VP$ processes at $s=10.58$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 400-405	4.2	5
88	Belle SVD2 vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 568, 269-273	1.2	5
87	Determination of $\sin^2 \beta_{\text{eff}}$ using jet charge measurements in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 71, 357-378		5
86	Measurement of the ratio of branching fractions ($\frac{\text{Br}(B^0 \rightarrow K^+ \pi^-) / \text{Br}(B^0 \rightarrow K^+ \pi^0)}{\text{Br}(B^0 \rightarrow K^+ \pi^+ \pi^-) / \text{Br}(B^0 \rightarrow K^+ \pi^0 \pi^0)}$). <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
85	Search for D^0 decays to invisible final states at Belle. <i>Physical Review D</i> , 2017 , 95,	4.9	4
84	Search for $X(3872)$ and $X(3915)$ decay into $\pi^0 \pi^0$ in B decays at Belle. <i>Physical Review D</i> , 2019 , 99,	4.9	4
83	New physics in B meson mixing: Future sensitivity and limitations. <i>Physical Review D</i> , 2020 , 102,	4.9	4
82	First observation of the decay $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review D</i> , 2016 , 93,	4.9	4
81	Search for XYZ states in $\psi(1S)$ inclusive decays. <i>Physical Review D</i> , 2016 , 93,	4.9	4
80	First measurement of T-odd moments in $D^0 \rightarrow K^0 \pi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	4
79	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
78	Evidence for the two-body charmless baryonic decay ($\Lambda_b^0 \rightarrow \bar{\Lambda}^0 \pi^0$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
77	Semi-inclusive studies of semileptonic B_s decays at Belle. <i>Physical Review D</i> , 2015 , 92,	4.9	4

76	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^{*+} K^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	4
75	Publisher's Note: Observation of $D^0\bar{D}^0$ Mixing in e^+e^- Collisions [Phys. Rev. Lett. 112, 111801 (2014)]. <i>Physical Review Letters</i> , 2014 , 112,	7.4	4
74	Observation of the decay $B^0 \rightarrow \bar{D}^{*+} K^-$. <i>Physical Review D</i> , 2014 , 90,	4.9	4
73	Evidence of time-dependent CP violation in the decay $B^0 \rightarrow D^{*+} D^-$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
72	KEKB beam collision stability at the picosecond timing and micron position resolution as observed with the Belle detector. <i>Journal of Instrumentation</i> , 2010 , 5, P03011-P03011	1	4
71	Four-jet final state production in e^+e^- collisions at centre-of-mass energies ranging from 130 to 184 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 420, 196-204	4.2	4
70	Search for $B^{+-} \rightarrow D^{*+} \pi^0$ decay. <i>Physical Review Letters</i> , 2008 , 101, 041601	7.4	4
69	Search for the decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	4
68	Time-dependent CP violation effects in partially reconstructed $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 624, 11-21	4.2	4
67	Search for $B^0 \rightarrow J/\psi D^0$ and $B^{+-} \rightarrow J/\psi D^{\pm}$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	4
66	Search for the lepton-flavor-violating decay $B^0 \rightarrow K^{*0} \ell^+ \ell^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	4
65	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	4
64	Inclusive study of bottomonium production in association with an (η) meson in (e^+e^-) annihilations near ($\sqrt{s} \approx 5S$). <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
63	Evidence for $B^{+-} \rightarrow h_c K^+$ and observation of $\bar{\Lambda}(2S) \rightarrow p \bar{\Lambda}$. <i>Physical Review D</i> , 2019 , 100,	4.9	3
62	Measurement of the Direct CP Asymmetry in $B^0 \rightarrow X(s+d)$ Decays with a Lepton Tag. <i>Physical Review Letters</i> , 2015 , 114, 151601	7.4	3
61	First observation of $\bar{\Lambda} \rightarrow p \bar{K} + K^-$ and search for exotic baryons in pK systems. <i>Physical Review D</i> , 2016 , 93,	4.9	3
60	Search for a massive invisible particle X^0 in $B^{+-} \rightarrow e^+ X^0$ and $B^{+-} \rightarrow \mu^+ X^0$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	3
59	First observation of the decay $B^0 \rightarrow K^0 S K^{*}(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3

58	Search for the $B \rightarrow Y(4260)K$, $Y(4260) \rightarrow J/\psi \eta$ decays. <i>Physical Review D</i> , 2019 , 99,	4.9	3
57	Measurement of branching fractions for $B \rightarrow J/\psi K$ decays and search for a narrow resonance in the J/ψ final state. <i>Progress of Theoretical and Experimental Physics</i> , 2014 , 2014, 43C01-0	5.4	3
56	Publisher's Note: Study of $B_0 \rightarrow \pi\pi$ decays, implications for the CKM angle φ_2 and search for other B_0 decay modes with a four-pion final state [Phys. Rev. D 89, 072008 (2014)]. <i>Physical Review D</i> , 2014 , 89,	4.9	3
55	First measurement of inclusive $B \rightarrow Xs \eta$ decays. <i>Physical Review Letters</i> , 2010 , 105, 191803	7.4	3
54	Measurement of the branching fractions for $B_0 \rightarrow Ds^{*+} \eta$ and $B_0 \rightarrow Ds^{*0} \eta$ decays. <i>Physical Review D</i> , 2010 , 81,	4.9	3
53	Measurement of the CP-violation parameter $\sin 2\varphi_1$ with a new tagging method at the $\Upsilon(5S)$ resonance. <i>Physical Review Letters</i> , 2012 , 108, 171801	7.4	3
52	Evidence for $B_0 \rightarrow \bar{D}^0 \eta$ at Belle. <i>Physical Review D</i> , 2008 , 78,	4.9	3
51	Measurement of branching fraction and direct CP asymmetry in $B_0 \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	3
50	Four-fermion production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 419-430	4.2	3
49	First measurement of the CKM angle φ_3 with $B_{\mu} \rightarrow D((K_{\mu}^0)_{\text{S}}^0) K_{\mu}^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
48	Improved measurement of the B^0 and B^+ meson lifetimes 1996 , 71, 31		3
47	Measurements of the branching fractions of $\bar{B}^+ \rightarrow p \eta$ and $\bar{B}^+ \rightarrow p \eta'$ decays at Belle. <i>Physical Review D</i> , 2021 , 103,	4.9	3
46	Measurement of the charm-mixing parameter y_{CP} in $D_0 \rightarrow KS^0 \eta$ decays at Belle. <i>Physical Review D</i> , 2020 , 102,	4.9	2
45	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi \pi^+$ and $B^+ \rightarrow J/\psi K^+$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
44	Measurement of the branching fraction of $B \rightarrow D^{(*)} \eta$ at Belle using hadronic tagging in fully reconstructed events. <i>Physical Review D</i> , 2018 , 98,	4.9	2
43	Measurement of the Michel parameters $\bar{\eta}$ and ξ in the radiative leptonic decay $\tau^+ \rightarrow e^+ \nu_{\tau} \bar{\nu}_e \gamma$. <i>Progress of Theoretical and Experimental Physics</i> , 2018 , 2018,	5.4	2
42	Using an amplitude analysis to measure the photon polarisation in decays. <i>European Physical Journal C</i> , 2019 , 79, 622	4.2	2
41	First observation of CP violation and improved measurement of the branching fraction and polarization of $B_0 \rightarrow D^{*+} D^{*-}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	2

40	Publisher's Note: Measurement of Branching Fractions, Isospin, and CP-Violating Asymmetries for Exclusive $b \rightarrow d$ Modes [Phys. Rev. Lett. 101, 111801 (2008)]. <i>Physical Review Letters</i> , 2008 , 101,	7.4	2
39	Search for $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K_S^0$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	2
38	Vertex detector for super Belle experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 560, 53-56	1.2	2
37	Search for the $b \rightarrow d$ process. <i>Physical Review D</i> , 2005 , 72,	4.9	2
36	The Belle trigger system with the new silicon vertex detector SVD2. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 1852-1856	1.7	2
35	Development of a Super B-Factory Monolithic Active Pixel Detector [the Continuous Acquisition Pixel Prototypes. <i>International Journal of Modern Physics A</i> , 2005 , 20, 3808-3810	1.2	2
34	Search for lepton-flavor-violating tau-lepton decays to ℓ at Belle. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
33	Search for lepton-number- and baryon-number-violating tau decays at Belle. <i>Physical Review D</i> , 2020 , 102,	4.9	2
32	Dalitz analysis of $D^0 \rightarrow K_S^0 \pi^0$ decays at Belle. <i>Physical Review D</i> , 2020 , 102,	4.9	2
31	Measurement of the branching fraction and time-dependent CP asymmetry for $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	2
30	Search for $\gamma(1S, 2S) \rightarrow Z_c + Z_c^*(?)$ and $e^+e^- \rightarrow Z_c + Z_c^*(?)$ at $s = 10.52, 10.58$, and 10.867 GeV. <i>Physical Review D</i> , 2018 , 97,	4.9	2
29	Measurements of partial branching fractions of inclusive $B \rightarrow Xu$ decays with hadronic tagging. <i>Physical Review D</i> , 2021 , 104,	4.9	2
28	Observation of $B^0 \rightarrow e^+e^-$ and search for $B^0 \rightarrow \mu^+\mu^-$ <i>Physical Review D</i> , 2019 , 100,	4.9	1
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26	Measurements of branching fraction and direct CP asymmetry in $B_H^0 \rightarrow K_S^0 K_S^0 K_H^0$ and a search for $B_H^0 \rightarrow K_S^0 K_S^0 \bar{K}_H^0$. <i>Physical Review D</i> , 2019 , 99,	4.9	1
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