

# Michael Danilov

## 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.

810  
papers

28,130  
citations

78  
h-index

130  
g-index

831  
ext. papers

31,964  
ext. citations

4.9  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
810	Observation of a narrow charmoniumlike state in exclusive $B^+ \rightarrow K^+ \pi^+ \pi^- J/\psi$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 262001	7.4	1115
809	Observation of $B^0$ - $\bar{B}^0$ mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 192, 245-252	4.2	540
808	Study of $e^+ e^- \rightarrow \mu^+ \mu^- J/\psi$ and observation of a charged charmoniumlike state at Belle. <i>Physical Review Letters</i> , <b>2013</b> , 110, 252002	7.4	458
807	Observation of two charged bottomoniumlike resonances in $(B_S)$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 108, 122001	7.4	404
806	Observation of a resonancelike structure in the $\pi^+ \pi^- \psi'$ mass distribution in exclusive $B \rightarrow K \pi^+ \pi^- \psi'$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 142001	7.4	358
805	Measurement of the branching ratio of $B \rightarrow D^{(*)} \pi$ relative to $B \rightarrow D^{(*)} \pi$ decays with hadronic tagging at Belle. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	336
804	Search for neutrinoless double-beta decay in $^{136}\text{Xe}$ with EXO-200. <i>Physical Review Letters</i> , <b>2012</b> , 109, 032505	7.4	321
803	Search for Majorana neutrinos with the first two years of EXO-200 data. <i>Nature</i> , <b>2014</b> , 510, 229-34	50.4	310
802	Measurement of the $e^+ e^- \rightarrow \pi^+ \pi^- J/\psi$ cross section via initial-state radiation at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 182004	7.4	283
801	Observation of two resonant structures in $e^+ e^- \rightarrow \pi^+ \pi^- \psi(2S)$ via initial-state radiation at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 142002	7.4	272
800	The H1 detector at HERA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1997</b> , 386, 310-347	1.2	254
799	Observation of a near-threshold $\omega J/\psi$ mass enhancement in exclusive $B \rightarrow K \omega J/\psi$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 182002	7.4	250
798	Observation of double $c\bar{c}$ production in $e^+ e^-$ annihilation at $\sqrt{s}$ approximately 10.6 GeV. <i>Physical Review Letters</i> , <b>2002</b> , 89, 142001	7.4	238
797	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
796	Measurement of the Lepton Polarization and $R(D^{(*)})$ in the Decay $B \rightarrow D^{(*)} \ell^+ \ell^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 211801	7.4	229
795	Status report on silicon photomultiplier development and its applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 563, 368-376	1.2	220
794	Measurement of the proton structure function $F_2(x, Q^2)$ in the low- $x$ region at HERA. <i>Nuclear Physics B</i> , <b>1993</b> , 407, 515-535	2.8	220

793	Study of $B \rightarrow D^{*0} D^{*0} \rightarrow D^{*0} D^{*0} + \pi$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	204
792	Observation of a charmoniumlike state produced in association with a $J/\psi$ in $e^+e^-$ annihilation at $\sqrt{s}$ approximately equal to 10.6 GeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 082001	7.4	198
791	Detection of very small neutrino masses in double-beta decay using laser tagging. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 480, 12-18	4.2	195
790	Evidence for $D^0$ - $\bar{D}^0$ mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211803	7.4	194
789	Observation of two resonancelike structures in the $\pi\pi$ mass distribution in exclusive $B \rightarrow K\pi\pi$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	185
788	Exclusive hadronic decays of B mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1990</b> , 48, 543-551		184
787	Evidence of the purely leptonic decay $B^- \rightarrow \tau^- \nu(\tau)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 251802	7.4	182
786	Inclusive measurement of the photon energy spectrum in $b \rightarrow s\gamma$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 061803	7.4	182
785	Observation of a $\chi(c2)'$ candidate in $\gamma\gamma \rightarrow DD$ production at belle. <i>Physical Review Letters</i> , <b>2006</b> , 96, 082003	7.4	180
784	Observation of a near-threshold enhancement in the $e^+e^- \rightarrow \Lambda_c^+ \Lambda_c^-$ cross section using initial-state radiation. <i>Physical Review Letters</i> , <b>2008</b> , 101, 172001	7.4	178
783	Observation of new states decaying into $\Lambda_c^+ K^-\pi^+$ and $\Lambda_c^+ K^0 \pi^-$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 162001	7.4	175
782	Improved measurement of mixing-induced CP violation in the neutral B meson system. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	167
781	The tracking, calorimeter and muon detectors of the H1 experiment at HERA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1997</b> , 386, 348-396	1.2	158
780	A measurement of the proton structure function $F_2(x, Q^2)$ . <i>Nuclear Physics B</i> , <b>1995</b> , 439, 471-502	2.8	157
779	Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 421	4.2	153
778	Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P05011-P05011	1	152
777	Observation of a near-threshold $D(0)D^0\pi(0)$ enhancement in $B \rightarrow D(0)D^0\pi(0)K$ decay. <i>Physical Review Letters</i> , <b>2006</b> , 97, 162002	7.4	149
776	Measurement of the branching ratio of $B \rightarrow D^* + \pi$ relative to $B \rightarrow D + \pi$ decays with a semileptonic tagging method. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	144

775	Measurement of azimuthal asymmetries in inclusive production of hadron pairs in $e^+e^-$ annihilation at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 96, 232002	7.4	143
774	Observation of anomalous $\Upsilon(1S)\pi^+\pi^-$ and $\Upsilon(2S)\pi^+\pi^-$ production near the $\Upsilon(5S)$ resonance. <i>Physical Review Letters</i> , <b>2008</b> , 100, 112001	7.4	138
773	Argus: A universal detector at DORIS II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 275, 1-48	1.2	136
772	The ANTARES optical module. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 484, 369-383	1.2	134
771	Production of new charmoniumlike states in $e^+e^- \rightarrow J/\psi D^* D^{(*)}$ at $\sqrt{s}$ approximately 10.6 GeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 202001	7.4	127
770	Observation of the $\eta_c(2S)$ in Exclusive $B \rightarrow K\bar{K}(S)K\pi^+$ Decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 102001	7.4	125
769	Search for Neutrinoless Double-Beta Decay with the Upgraded EXO-200 Detector. <i>Physical Review Letters</i> , <b>2018</b> , 120, 072701	7.4	124
768	Study of double charmonium production in $e^+e^-$ annihilation at $\sqrt{s} \approx 10.6$ GeV. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	123
767	The H 1 liquid argon calorimeter system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1993</b> , 336, 460-498	1.2	121
766	Observation of semileptonic charmless B meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 234, 409-416	4.2	120
765	New search for $B \rightarrow K^* K^* \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 666, 16-22	4.2	119
764	Observation of a new $D_s J$ meson in $B^+ \rightarrow D^0 D^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 092001	7.4	116
763	Dalitz analysis of the three-body charmless decays $B^+ \rightarrow K^+ \pi^+ \pi^0$ and $B^+ \rightarrow K^+ K^+ K^0$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	114
762	Evidence for $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 261801	7.4	114
761	Dalitz analysis of $B \rightarrow K^* K^* \pi^0$ decays and the $Z(4430)^+$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	110
760	Evidence for direct CP violation in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 191802	7.4	108
759	Improved measurement of the electroweak penguin process $B \rightarrow X_s K^* \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	108
758	Improved measurement of the $2\nu$ half-life of $^{136}\text{Xe}$ with the EXO-200 detector. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	107

757	First observation of the P-wave spin-singlet bottomonium states $hb(1P)$ and $hb(2P)$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 032001	7.4	107
756	Measurements of the $D(sJ)$ resonance properties. <i>Physical Review Letters</i> , <b>2004</b> , 92, 012002	7.4	107
755	Observation of a new charged charmoniumlike state in $B_{\bar{c}} \rightarrow J/\psi K^{\pm}$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	106
754	Experimental constraints on the spin and parity of the $Z(4430)^+$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	106
753	Correlated fluctuations between luminescence and ionization in liquid xenon. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	100
752	A measurement of the tau mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 292, 221-228	4.2	99
751	Evidence for large direct CP violation in $B^{+/-} \rightarrow \rho(770)0K^{+/-}$ from analysis of three-body charmless $B^{+/-} \rightarrow K^{+/-}\pi^{+/-}\pi^{+/-}$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 251803	7.4	97
750	Observation of $t\bar{t}$ Production. <i>Physical Review Letters</i> , <b>2018</b> , 120, 231801	7.4	96
749	Measurement of branching fractions and polarization in $B \rightarrow \phi K^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 201801	7.4	96
748	Systematic study of trace radioactive impurities in candidate construction materials for EXO-200. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2008</b> , 591, 490-509	1.2	95
747	Observation of time-dependent CP violation in $B^0 \rightarrow \eta' K^0$ decays and improved measurements of CP asymmetries in $B^0 \rightarrow \phi K^0$ , $K_S^0 K_S^0$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031802	7.4	94
746	Measurement of the near-threshold $e^+e^- \rightarrow D^{(*)+}D^{(*)-}$ cross section using initial-state radiation. <i>Physical Review Letters</i> , <b>2007</b> , 98, 092001	7.4	93
745	Observation of $B^{+/-} \rightarrow \rho^{+/-} p K^{+/-}$ . <i>Physical Review Letters</i> , <b>2002</b> , 88, 181803	7.4	93
744	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221804	7.4	88
743	Measurement of the near-threshold $e^+e^- \rightarrow D\bar{D}^*$ cross section using initial-state radiation. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	87
742	Search for sterile neutrinos at the DANSS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 787, 56-63	4.2	87
741	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , <b>2008</b> , 452, 332-5	50.4	86
740	Observation of an isotriplet of excited charmed baryons decaying to $\lambda + c \pi$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 122002	7.4	85

739	Upper bound on the decay $\tau \rightarrow \mu \gamma$ from the Belle detector. <i>Physical Review Letters</i> , <b>2004</b> , 92, 171802	7.4	84
738	Observation of $B^- \rightarrow \rho^- \rho^0$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 221801	7.4	84
737	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters in $D^0 \rightarrow K_S \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131803	7.4	82
736	Measurement of the $B \rightarrow K^* \pi$ branching fractions and asymmetries. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	81
735	Observation of $B(0) \rightarrow D^{(*)0} \rho^0$ . <i>Physical Review Letters</i> , <b>2002</b> , 89, 151802	7.4	81
734	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> , <b>2013</b> , 88,	4.9	80
733	Observation of Higgs Boson Decay to Bottom Quarks. <i>Physical Review Letters</i> , <b>2018</b> , 121, 121801	7.4	79
732	Total photoproduction cross section measurement at HERA energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 299, 374-384	4.2	78
731	Study of the $B \rightarrow X(3872) \rightarrow D^{*0} D^0 K$ decay. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	77
730	Measurement of $e^+e^- \rightarrow \mu^+\mu^- \gamma$ via initial state radiation at Belle. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	76
729	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> , <b>2003</b> , 91, 261602	7.4	76
728	Observation of $B^- \rightarrow K^* l^-$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 261601	7.4	75
727	Search for dijet resonances in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ and constraints on dark matter and other models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 520-542	4.2	74
726	Searches for invisible decays of the Higgs boson in pp collisions at $(\sqrt{s}) = 7, 8, \text{ and } 13 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	74
725	Reconstruction of B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 185, 218-222	4.2	74
724	Branching ratio and mass spectrum of the decay $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 134, 137-142	4.2	73
723	Hard scattering in $\bar{p}p$ interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 205-213	4.2	72
722	Search for $b \rightarrow s \pi$ exclusive decays of B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 229, 304-308	4.2	71

721	An improved upper limit on the $\Gamma_{\text{mass}}$ from the decay $B \rightarrow \mu\mu\mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 202, 149-153	4.2	71
720	Improved measurement of CP-violation parameters $\sin 2\beta_1$ and $ \Gamma $ B meson lifetimes, and $B^0$ - $B^0$ mixing parameter $\Gamma_{\text{hd}}$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	70
719	Evidence for direct CP violation in the decay $B^+ \rightarrow D^{(*)}K^-$ , $D \rightarrow KS^0$ and measurement of the CKM phase $\beta_3$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	69
718	Measurement of forward-backward asymmetry and Wilson coefficients in $B \rightarrow K^*l+l^-$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 251801	7.4	69
717	Measurement of inclusive radiative B-meson decays with a photon energy threshold of 1.7 GeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 241801	7.4	68
716	A search for leptoquarks, leptogluons and excited leptons in H1 at HERA. <i>Nuclear Physics B</i> , <b>1993</b> , 396, 3-23	2.8	67
715	Observation of the $\psi(1680)$ and the $Y(2175)$ in $e^+e^- \rightarrow \psi\mu\mu$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	66
714	Observation of the $\psi(4415) \rightarrow DD^*(2460)$ decay using initial-state radiation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 062001	7.4	66
713	Reconstruction of semileptonic $b \rightarrow u$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 255, 297-304	4.2	66
712	Measurement of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 197, 452-456	4.2	66
711	Measurement of $\beta_3$ with Dalitz plot analysis of $B^+ \rightarrow D^{(*)}K^-$ decay. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	65
710	Measurement of the $e^+e^- \rightarrow D^0D^{*0}\mu\mu$ cross section using initial-state radiation. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	64
709	Measurement of $D^0 \rightarrow \pi l \nu$ ( $K l \nu$ ) form factors and absolute branching fractions. <i>Physical Review Letters</i> , <b>2006</b> , 97, 061804	7.4	64
708	Charm hadrons from fragmentation and B decays in $e^+e^-$ annihilation at $s=10.6$ GeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	64
707	Observation of large CP violation and evidence for direct CP violation in $B^0 \rightarrow \pi^+\pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 021601	7.4	64
706	Search for Neutrinoless Double- $\beta$ Decay with the Complete EXO-200 Dataset. <i>Physical Review Letters</i> , <b>2019</b> , 123, 161802	7.4	63
705	Improved constraints on $D^0$ - $D^0$ mixing in $D^0 \rightarrow K^+\pi^-$ decays from the Belle detector. <i>Physical Review Letters</i> , <b>2006</b> , 96, 151801	7.4	63
704	Experimental constraints on the spin and parity of the $\Lambda_{\text{cb}}(2880)^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 262001	7.4	63

703	Evidence for the decay $B \rightarrow \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 185, 223-227	4.2	63
702	Observation of charmless B meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 209, 119-126	4.2	63
701	Search for Heavy Neutral Leptons in Events with Three Charged Leptons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 120, 221801	7.4	62
700	Precise measurement of the CP violation parameter $\sin 2\beta$ in $B^0 \rightarrow (cc)K^0$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 108, 171802	7.4	62
699	Observation of $B^{(+)} \rightarrow ppp^+$ , $B^0 \rightarrow ppK^0$ , and $B^{(+)} \rightarrow ppK^{(*)}$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 131801	7.4	62
698	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , <b>2020</b> , 80, 4	4.2	61
697	Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s}=8$ and 13 TeV. <i>Physical Review Letters</i> , <b>2016</b> , 117, 051802	7.4	61
696	Search for $B \rightarrow h^{(*)} \mu^+ \mu^-$ with the full Belle (4S) data sample. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	61
695	Limits for the central production of Theta+ and Xi(--)pentaquarks in 920-GeV pA collisions. <i>Physical Review Letters</i> , <b>2004</b> , 93, 212003	7.4	61
694	Observation of a new charmed meson. <i>Physical Review Letters</i> , <b>1986</b> , 56, 549-552	7.4	61
693	DANSS: Detector of the reactor AntiNeutrino based on Solid Scintillator. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P11011-P11011	1	61
692	Nuclear modification factor of D0 mesons in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 782, 474-496	4.2	61
691	Time-dependent CP-violating asymmetries in $b \rightarrow s q \bar{q}$ transitions. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	60
690	Observation of a new charmed baryon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 317, 227-232	4.2	59
689	Evidence of a new narrow resonance decaying to $(\bar{c}1)\mu$ in $B \rightarrow (\bar{c}1)K$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 032001	7.4	58
688	Coherent $J/\psi$ photoproduction in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the CMS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 489-511	4.2	58
687	Measurement of $\beta_3$ with a Dalitz plot analysis of $B^+ \rightarrow D^{(*)} K^{(*)+}$ decay. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	58
686	Suppression of $\psi(1S)$ , $\psi(2S)$ , and $\psi(3S)$ quarkonium states in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 770, 357-379	4.2	57



685	Search for Narrow Resonances in Dijet Final States at $\sqrt{s}=8$ TeV with the Novel CMS Technique of Data Scouting. <i>Physical Review Letters</i> , <b>2016</b> , 117, 031802	7.4	57
684	Measurement of the branching fraction $B(\bar{B}^+ \rightarrow \rho^0 K^+)$ . <i>Physical Review Letters</i> , <b>2014</b> , 113, 042002	7.4	57
683	Measurement of the decay $B^0 \rightarrow \pi^0 \pi^0$ and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	57
682	Kinematic distributions and nuclear effects of $J/\psi$ production in 920 GeV fixed-target proton-nucleus collisions. <i>European Physical Journal C</i> , <b>2009</b> , 60, 525-542	4.2	57
681	Observation of $Z_{\{b\}}(10610)$ and $Z_{\{b\}}(10650)$ Decaying to B Mesons. <i>Physical Review Letters</i> , <b>2016</b> , 116, 212001	7.4	55
680	Evidence for $B \rightarrow \pi \pi$ with a semileptonic tagging method. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	55
679	Search for long-lived charged particles in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	55
678	Inclusive production of $D^0, D^+$ and $D^{*}(2010)^+$ mesons in $B$ decays and nonresonant $e^+e^-$ annihilation at 10.6 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 52, 353-360		54
677	Production and decay of the charged $D^*$ meson in $e^+e^-$ annihilation at 10 GeV centre-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 150, 235-241	4.2	54
676	Measurement of the $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 615, 39-49	4.2	53
675	Study of the baryon-antibaryon low-mass enhancements in charmless three-body baryonic $B$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 617, 141-149	4.2	53
674	Search for doubly charmed baryons and study of charmed strange baryons at Belle. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	52
673	Study of $B$ meson decays to three-body charmless hadronic final states. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	52
672	Measurement of the electroweak penguin process $B \rightarrow X(s)l^+l^-$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 021801	7.4	52
671	Measurement of tau decays into three charged pions. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1986</b> , 33, 7-12		52
670	$B$ meson decays into charmonium states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 451-456	4.2	51
669	Evidence for the $\chi_{\{b\}}(2S)$ and observation of $h_{\{b\}}(1P) \rightarrow \chi_{\{b\}}(1S)$ and $h_{\{b\}}(2P) \rightarrow \chi_{\{b\}}(1S)$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 232002	7.4	50
668	A high-granularity scintillator calorimeter readout with silicon photomultipliers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 540, 368-380	1.2	49

667	A study of mixing using partial reconstruction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 324, 249-254	4.2	49
666	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> , <b>2016</b> , 93,	4.9	47
665	Measurement of $D^{*+}$ polarization in the decay $B \rightarrow D\pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 219, 121-126	4.2	47
664	Observation of the $D^{*0}(2459)$ in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 221, 422-426	4.2	47
663	Evidence for the Higgs boson decay to a bottom quark-antiquark pair. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 501-532	4.2	47
662	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	46
661	Study of $\Lambda^0$ and $\Lambda^{*0}$ baryons at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 672, 1-5	4.2	46
660	Search for $B \rightarrow h^{(*)} \nu \bar{\nu}$ decays at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 221802	7.4	46
659	Sedimentation and fouling of optical surfaces at the ANTARES site. <i>Astroparticle Physics</i> , <b>2003</b> , 19, 253-267	4.6	
658	A precision measurement of the $\rho^0$ meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 135, 498-504	4.2	46
657	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	45
656	First observation of the $Z_b^0(10610)$ in a Dalitz analysis of $(\psi(10860) \rightarrow \chi_{cS}) \pi\pi$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	45
655	Resonance decomposition of the $D^{*}(2420)^0$ through a decay angular analysis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 232, 398-404	4.2	45
654	Direct evidence for W exchange in charmed meson decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 158, 525-530	4.2	45
653	Photoproduction of mesons at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 338, 507-518	4.2	44
652	A model-independent determination of the inclusive semileptonic decay fraction of B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 318, 397-404	4.2	44
651	A partial wave analysis of the decay $D^0 \rightarrow K_S^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 308, 435-443	4.2	44
650	Determination of the tau-neutrino helicity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 250, 164-171	4.2	44

649	An upper limit on the mass of the tau neutrino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 163, 404-407	4.2	44
648	Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at 8 TeV. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	44
647	Measurement of angular parameters from the decay $B^0 \rightarrow K^0 \pi^+ \pi^-$ in proton-proton collisions at $\sqrt{s}=8\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 517-541	4.2	44
646	Measurement of the $e^+e^- \rightarrow J/\psi c\bar{c}$ cross section at $\sqrt{s}=0.6\text{ GeV}$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
645	Measurements of branching fractions and $\rho$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 648, 139-148	4.2	43
644	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> , <b>2002</b> , 538, 11-20	4.2	43
643	Production of $D + S$ mesons in $B$ decays and determination of $(f_{D,S})$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 54, 1-11		43
642	Measurements of the Higgs boson width and anomalous HVV couplings from on-shell and off-shell production in the four-lepton final state. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	42
641	Observation of the decay $B^0 \rightarrow \Lambda b + c p$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 121802	7.4	42
640	Search for $b \rightarrow s$ gluon in $B$ meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 254, 288-292	4.2	42
639	Analysis of the decay $\Lambda \rightarrow \Sigma^0 \pi^+ \pi^- \nu$ and determination of the $\Lambda(1260)$ resonance parameters. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 58, 61-70		42
638	Measurement of the polarization in the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 340, 217-220	4.2	41
637	Inclusive production of charged pions, charged and neutral kaons and antiprotons in $e^+e^-$ annihilation at 10 GeV and in direct Upsilon decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 44, 547-555		41
636	Observation of the charmed baryon $\Lambda_c^+$ in $e^+e^-$ annihilation at 10 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 207, 109-114	4.2	41
635	Observation of $B^+ \rightarrow \Lambda b \Lambda b K^+$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 211801	7.4	40
634	Improved measurements of the branching fractions for $B \rightarrow K^* \pi$ and $KK^*$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	40
633	First measurement of the charged current cross section at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 324, 241-248	4.2	40
632	Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in pPb and PbPb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , <b>2018</b> , 97,	2.7	40

631	Measurement of inclusive jet cross sections in pp and PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	39
630	Measurement of Einstein-Podolsky-Rosen-type flavor entanglement in Upsilon(4S) $\rightarrow$ B <sub>0</sub> B <sub>0</sub> decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131802	7.4	39
629	Study of B $\rightarrow$ $\chi$ decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 542, 183-192	4.2	39
628	Observation of D <sup>+</sup> (s)K <sup>-</sup> and evidence for D <sup>+</sup> (s) $\pi$ <sup>-</sup> final states in neutral B decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 231804	7.4	39
627	Measurement of the Decay B <sub>(s)</sub> (0) $\rightarrow$ D <sub>(s)</sub> (-) $\pi$ <sup>+</sup> and Evidence for B <sub>(s)</sub> (0) $\rightarrow$ D <sub>(s)</sub> (-/+) $K$ <sup>+</sup> (+/-) in e <sup>+</sup> e <sup>-</sup> Annihilation at $\sqrt{s}$ approximately 10.87 GeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 021801	7.4	38
626	Evidence for CP-violating asymmetries in B <sub>0</sub> $\rightarrow$ $\chi$ decays and constraints on the CKM angle $\varphi$ . <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	38
625	Measurements of the branching fraction and polarization in B <sup>+</sup> $\rightarrow$ $\rho$ <sup>+</sup> K <sup>0</sup> decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 141801	7.4	38
624	Observation of B <sub>0</sub> $\rightarrow$ $\pi$ <sup>0</sup> $\pi$ <sup>0</sup> . <i>Physical Review Letters</i> , <b>2005</b> , 94, 181803	7.4	38
623	Measurement of the B <sup>+</sup> Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 152301	7.4	37
622	Measurement of the differential cross section and charge asymmetry for inclusive [Formula: see text] production at [Formula: see text] TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 469	4.2	37
621	Study of B $\rightarrow$ D <sup>**</sup> $\chi$ with full reconstruction tagging. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	37
620	Moments of the electron energy spectrum and partial branching fraction of B $\rightarrow$ Xc $\chi$ decays at the Belle detector. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	37
619	Observation of b $\rightarrow$ d $\gamma$ and determination of $ V_{td}/V_{ts} $ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 221601	7.4	37
618	Charge asymmetry of same-sign dileptons in B <sub>0</sub> B <sub>0</sub> <sup>0</sup> mixing. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	37
617	Search for neutrinoless decays $B \rightarrow 3\chi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 589, 103-110	4.2	37
616	Radiative B meson decays into k $\gamma$ and k $\pi$ $\gamma$ final states. <i>Physical Review Letters</i> , <b>2002</b> , 89, 231801	7.4	37
615	Observation of hard processes in rapidity gap events in $\bar{p}$ interactions at HERA. <i>Nuclear Physics B</i> , <b>1995</b> , 435, 3-20	2.8	37
614	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	37

613	Search for the $X(5568)$ State Decaying into $B_{s^0}^0 \bar{B}^0$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 120, 202005	7.4	36
612	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> , <b>2013</b> , 2013, 1	5.4	36
611	Design and electronics commissioning of the physics prototype of a Si-W electromagnetic calorimeter for the International Linear Collider. <i>Journal of Instrumentation</i> , <b>2008</b> , 3, P08001-P08001	1	36
610	A Measurement of the $\bar{D}^0$ to $J/\psi$ production ratio in 920 GeV proton-nucleus interactions. <i>European Physical Journal C</i> , <b>2007</b> , 49, 545-558	4.2	36
609	Study of the decay mechanism for $\bar{D}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 659, 80-86	4.2	36
608	Observation of $B^+ \rightarrow \psi(3770) K^+$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 051803	7.4	36
607	Production and decay of the $F$ meson in $e^+e^-$ annihilation at 10 GeV centre-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 153, 343-348	4.2	36
606	Inclusive hadron production in the $\eta$ -region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1981</b> , 102, 291-295	4.2	36
605	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 451	4.2	36
604	Study of excited $\bar{B}$ states decaying into $\bar{B}^0$ and $\bar{B}^+$ baryons. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	36
603	Study of Z boson production in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 36-57	4.2	35
602	Elliptic Flow of Charm and Strange Hadrons in High-Multiplicity p+Pb Collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 082301	7.4	35
601	Measurement of the branching fraction of $B^+ \rightarrow \bar{B}^0 \ell^+ \ell^-$ decays with the semileptonic tagging method. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	35
600	Search for Majoron-emitting modes of double-beta decay of $Xe^{136}$ with EXO-200. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	35
599	Response of the CALICE Si-W electromagnetic calorimeter physics prototype to electrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 608, 372-383	1.2	35
598	Measurement of CP asymmetry in a time-dependent Dalitz analysis of $B^0 \rightarrow (\rho^0 \pi)^0$ and a constraint on the quark mixing matrix angle $\phi_2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 221602	7.4	35
597	Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 778, 101-127	4.2	35
596	Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 439	4.2	34

595	Construction and commissioning of the CALICE analog hadron calorimeter prototype. <i>Journal of Instrumentation</i> , <b>2010</b> , 5, P05004-P05004	1	34
594	Measurement of inclusive Ds, D0, and J/psi rates and determination of the Bs(*)Bs(*) production fraction in bb Events at the Upsilon(5S) resonance. <i>Physical Review Letters</i> , <b>2007</b> , 98, 052001	7-4	34
593	Energy Scan of the $e^+e^- \rightarrow h_b(nP)\chi_{c\pm}^{(n)}$ ( $n=1, 2$ ) Cross Sections and Evidence for $\chi(11020)$ Decays into Charged Bottomoniumlike States. <i>Physical Review Letters</i> , <b>2016</b> , 117, 142001	7-4	34
592	Measurement of charged pion, kaon, and proton production in proton-proton collisions at $s=13$ TeV. <i>Physical Review D</i> , <b>2017</b> , 96,	4-9	33
591	Study of $B_c^- \rightarrow DCPK^-$ and $DCP^*K^-$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4-9	33
590	Measurement of the CP asymmetry in $B \rightarrow Xs$ gamma. <i>Physical Review Letters</i> , <b>2004</b> , 93, 031803	7-4	33
589	A measurement of asymmetry in the decay $\bar{B}^+ \rightarrow \bar{B}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 274, 239-245	4-2	33
588	Measurement of the decay $B^0 \rightarrow D\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 229, 175-180	4-2	33
587	The ARGUS drift chamber. <i>Nuclear Instruments &amp; Methods in Physics Research</i> , <b>1983</b> , 217, 153-159		33
586	Study of $D$ pair production in single-tag two-photon collisions. <i>Physical Review D</i> , <b>2016</b> , 93,	4-9	32
585	Determination of $B_s$ from a measurement of the direct photon spectrum in $\Upsilon(1S)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 291-296	4-2	32
584	Observation of B-meson decay into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 162, 395-399	4-2	32
583	Observation of Two Excited $B_{c^+}$ States and Measurement of the $B_{c^+}(2S)$ Mass in pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132001	7-4	31
582	Search for invisible decay of the Upsilon(1S). <i>Physical Review Letters</i> , <b>2007</b> , 98, 132001	7-4	31
581	Measurement of branching fractions and charge asymmetries for two-body B meson decays with charmonium. <i>Physical Review D</i> , <b>2003</b> , 67,	4-9	31
580	A measurement of $B_c^+ \rightarrow \pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 217, 205-210	4-2	31
579	Measurement of the $B_c^+ \rightarrow Xs$ branching fraction with a sum of exclusive decays. <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	30
578	Inclusive Search for a Highly Boosted Higgs Boson Decaying to a Bottom Quark-Antiquark Pair. <i>Physical Review Letters</i> , <b>2018</b> , 120, 071802	7-4	30

577	Measurement of $ V_{ub} $ near the endpoint of the electron momentum spectrum from semileptonic B-meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 621, 28-40	4.2	30
576	First search for Lorentz and CPT violation in double beta decay with EXO-200. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	29
575	Search for pair production of vector-like quarks in the $b\bar{b}W$ channel from proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 779, 82-106	4.2	29
574	Prospects for observation of neutrino-nuclear neutral current coherent scattering with two-phase Xenon emission detector. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P10023-P10023	1	29
573	Observation of $Y(1S)$ pair production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	29
572	Measurement of vector boson scattering and constraints on anomalous quartic couplings from events with four leptons and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 682-705	4.2	29
571	Measurements of the ion fraction and mobility of $\text{H}^+$ and $\text{He}^+$ decay products in liquid xenon using the EXO-200 detector. <i>Physical Review C</i> , <b>2015</b> , 92,	2.7	29
570	Measurement of $ V_{ub} $ using inclusive $B \rightarrow X(u)l\nu$ decays with a novel $X(u)$ -reconstruction method. <i>Physical Review Letters</i> , <b>2004</b> , 92, 101801	7.4	29
569	Study of antideuteron production in $e^+e^-$ annihilation at 10 GeV centre-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 102-108	4.2	29
568	Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying into a Pair of W and Z Bosons Using pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 141802	7.4	28
567	Studies of charmed strange baryons in the $D$ final state at Belle. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	28
566	Investigation of radioactivity-induced backgrounds in EXO-200. <i>Physical Review C</i> , <b>2015</b> , 92,	2.7	28
565	Study of exclusive B decays to charmed baryons. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	28
564	Inclusive charged particle cross sections in photoproduction at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 328, 176-186	4.2	28
563	Observations of $\bar{B}^+$ semileptonic decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 269, 234-242	4.2	28
562	Measurement of R and determination of the charged-particle multiplicity in $e^+e^-$ annihilation at 13-113-113-1 around 10 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 54, 13-19		28
561	Determination of the Michel parameter in tau decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 246, 278-284	4.2	28
560	Observation of inclusive B meson decays into $\bar{B}^+$ Baryons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 210, 263-266	4.2	28

559	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two leptons in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 785, 462-488	4.2	28
558	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 368	4.2	27
557	Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in pp and p+Pb Collisions at the LHC. <i>Physical Review Letters</i> , <b>2018</b> , 120, 092301	7.4	27
556	Evidence for exclusive $B \rightarrow W + W$ production and constraints on anomalous quartic gauge couplings in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	27
555	Updated cross section measurement of $e+e \rightarrow K+K^*/\bar{K}^0$ and $K_S^0 K_S^0 J/\psi$ via initial state radiation at Belle. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	27
554	Observation of $e+e \rightarrow \eta(1S)(B_J)$ and Search for $X(b) \rightarrow \eta(1S)$ at $\sqrt{s} = 10.867$ GeV. <i>Physical Review Letters</i> , <b>2014</b> , 113, 142001	7.4	27
553	Measurement of the quark mixing parameter $\cos^2\phi_1$ using time-dependent Dalitz analysis of $B^0 \rightarrow D[K_S^0(\pi^+ \pi^-)]h^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 081801	7.4	27
552	Publisher's Note: Observation of the $\eta(2S)$ in Exclusive $B \rightarrow KK^* \eta$ Decays [Phys. Rev. Lett 89, 102001 (2002)]. <i>Physical Review Letters</i> , <b>2002</b> , 89,	7.4	27
551	Determination of the strong coupling constant from jet rates in deep inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 346, 415-425	4.2	27
550	Observation of a new charmed-strange meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 230, 162-168	4.2	27
549	Observation of octet and decuplet hyperons in $e+e$ annihilation at 10 GeV centre-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 183, 419-424	4.2	27
548	Observation of the charmed Baryon $\Lambda_c^+$ in $e+e$ annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 211, 489-492	4.2	27
547	Search for top squarks and dark matter particles in opposite-charge dilepton final states at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	26
546	Search for anomalous $Wtb$ couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	26
545	Angular distributions of leptons from $J/\psi$ produced in 920 GeV fixed-target proton-nucleus collisions. <i>European Physical Journal C</i> , <b>2009</b> , 60, 517-524	4.2	26
544	Search for lepton-flavor-violating $\tau$ decays into a lepton and a vector meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 699, 251-257	4.2	26
543	Observation of $e+e \rightarrow K+K^*/\bar{K}^0$ via initial-state radiation at Belle. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	26
542	Observation of decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 542, 171-182	4.2	26



541	Studies of $B^0B^0$ mixing properties with inclusive dilepton events. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	26
540	Measurement of branching fractions for $B \rightarrow \eta(c)K^*$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 90, 071801	7.4	26
539	Measurement of $\Gamma(B \rightarrow \eta(c)K^*)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 621, 41-55	4.2	26
538	Determination of $\Gamma(B \rightarrow \eta(c)K^*)$ from measurements of the inclusive charmless semileptonic partial rates of B mesons using full reconstruction tags. <i>Physical Review Letters</i> , <b>2005</b> , 95, 241801	7.4	26
537	Scaling violations of the proton structure function F2 at small x. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 321, 161-167	4.2	26
536	Observation of spin-parity $2^+$ dominance in the reaction $\eta \rightarrow \pi^0 \pi^0$ near threshold. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 50, 1-10		26
535	Measurement of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 275, 195-201	4.2	26
534	First observation of $\eta \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 196, 101-106	4.2	26
533	Hyperon production in $e^+e^-$ annihilation at 10 GeV center of mass energy. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 39, 177-186		26
532	The hadronic cross section of electron-positron annihilation at 9.5 GeV and the $\eta'$ and $\eta''$ resonance parameters. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1982</b> , 116, 383-386	4.2	26
531	A measurement of the Higgs boson mass in the diphoton decay channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 805, 135425	4.2	25
530	First results of the CALICE SDHCAL technological prototype. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P04001-P04005		25
529	Search for CP violation in $B \rightarrow K(S)0\pi^0$ decays at Belle. <i>Physical Review Letters</i> , <b>2011</b> , 107, 131801	7.4	25
528	Evidence for $\bar{B}(2593)^+$ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 402, 207-212	4.2	25
527	Scintillator tile hadron calorimeter with novel SiPM readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 581, 451-456	1.2	25
526	Measurement of $D^0$ , $D^+$ , $D_s^+$ and $D^{*+}$ production in fixed target 920 GeV proton-nucleus collisions. <i>European Physical Journal C</i> , <b>2007</b> , 52, 531-542	4.2	25
525	The hadronic transitions from $\chi(2S)$ to $\chi(1S)$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1987</b> , 35, 283-293		25
524	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. <i>European Physical Journal C</i> , <b>2016</b> , 76, 371	4.2	25

523	Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	24
522	Measurement of inclusive jet production and nuclear modifications in pPb collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 372	4.2	24
521	Search for single production of a vector-like T quark decaying to a Z boson and a top quark in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 574-600	4.2	24
520	Search for a low mass particle decaying into $\mu^+\mu^-$ in $B^0 \rightarrow K^*0 X$ and $B^0 \rightarrow \bar{D} X$ at Belle. <i>Physical Review Letters</i> , <b>2010</b> , 105, 091801	7.4	24
519	Measurement of $e^+e^- \rightarrow D_s^*(*) + D_s^*(*) \gamma$ cross sections near threshold using initial-state radiation. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	24
518	Study of decay mechanisms in $B \rightarrow \Lambda_c + p \pi^-$ decays and observation of low-mass structure in the $\Lambda_c + p$ system. <i>Physical Review Letters</i> , <b>2006</b> , 97, 242001	7.4	24
517	Observation of the decays $B^0 \rightarrow K^+ \bar{D}^-$ and $B^0 \rightarrow \bar{K}^+ D^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 599, 148-158	4.2	24
516	$J/\psi$ production via $\bar{B}$ decays in 920 GeV pA interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 561, 61-72	4.2	24
515	Measurement of the wrong-sign decays $D^0 \rightarrow K^+ \pi^- \pi^0$ and $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ , and search for CP violation. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231801	7.4	24
514	Search for Higgs boson pair production in the $B\bar{B}^*$ final state in pp collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 788, 7-36	4.2	24
513	Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 118, 021802	7.4	23
512	Measurements of the $\psi(10860)$ and $\psi(11020)$ resonances via $[e^+e^- \rightarrow (nS)\psi]$ . <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	23
511	Measurement of $D^0\bar{D}^0$ mixing and search for indirect CP violation using $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	23
510	Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 221802	7.4	23
509	$K^*0$ and $\bar{D}$ meson production in proton-nucleus interactions at ( $\sqrt{s}=41.6 \text{ GeV}$ ). <i>European Physical Journal C</i> , <b>2007</b> , 50, 315-328	4.2	23
508	Charmless hadronic two-body B meson decays. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	23
507	Determination of the Michel parameters $\xi$ and $\eta$ in leptonic $B$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 349, 576-584	4.2	23
506	A search for leptoquarks and squarks at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1994</b> , 64, 545-558		23

505	Measurement of $\tau \rightarrow \mu \mu \mu$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 457-461	4.2	23
504	Measurement of the WZ production cross section in pp collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 766, 268-290	4.2	22
503	Measurement of the cross section for electroweak production of $Z\nu$ in association with two jets and constraints on anomalous quartic gauge couplings in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 770, 380-402	4.2	22
502	Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 021801	7.4	22
501	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	22
500	Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 244-269	4.2	22
499	Study of Jet Quenching with Z+jet Correlations in Pb-Pb and pp Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 082301	7.4	22
498	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 845	4.2	22
497	Measurement of the CP violation parameters in $B_0 \rightarrow \mu \mu$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	22
496	Search for the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 173-180	4.2	22
495	Observation of $B_0 \rightarrow D_0 K_0$ and $B_0 \rightarrow D_0 K_0^*$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 90, 141802	7.4	22
494	Observation of $B_0 \rightarrow D^* s J(2317) + K^-$ decay. <i>Physical Review Letters</i> , <b>2005</b> , 94, 061802	7.4	22
493	Publisher's Note: Improved measurement of CP-violation parameters $\sin 2\beta_1$ and $ \Gamma $ B meson lifetimes, and $B_0 \rightarrow B_0^0$ mixing parameter $\chi_{\text{hd}}$ [Phys. Rev. D 71, 072003 (2005)]. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	22
492	Search for exotic decay modes of the $\psi(1S)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 179, 403-408	4.2	22
491	Evidence for $F^*$ meson production in $e^+e^-$ annihilation at 10 GeV center-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 146, 111-115	4.2	22
490	Measurement of the WZ production cross section in pp collisions at [Formula: see text] and 8[Formula: see text] and search for anomalous triple gauge couplings at [Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 236	4.2	21
489	Measurement of the drift velocity and transverse diffusion of electrons in liquid xenon with the EXO-200 detector. <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	21
488	Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 793, 320-347	4.2	21

487	Measurements of $t\bar{t}$ spin correlations and top quark polarization using dilepton final states in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	21
486	Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 111802	7.4	21
485	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 578	4.2	21
484	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	21
483	Search for leptonic decays of $D_0$ mesons. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
482	Measurement of $B_S$ decays to $B_0$ and $B^+$ mesons. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
481	Measurements of time-dependent CP violation in $B_0 \rightarrow K_S^0$ , $f_0(980)K_S^0$ , $K_S^0\bar{0}$ and $K+K\bar{K}S^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	21
480	Observation of $B\bar{B} \rightarrow J/\psi\bar{0}$ and searches for $B\bar{B} \rightarrow J/\psi\bar{0}p\bar{0}$ and $B_0 \rightarrow J/\psi\bar{p}\bar{0}$ decays. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	21
479	Study of $B_0 \rightarrow D^{(*)}0\bar{0}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 553, 159-166	4.2	21
478	Observation of $B^+ \rightarrow \text{plambdagamma}$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 061802	7.4	21
477	Inclusive production of $K^*(892)$ , $D$ , and $D^*(783)$ mesons in the $\sqrt{s}$ energy region. <i>Zeitschrift Für Physik C-Particles and Fields</i> , <b>1994</b> , 61, 1-17		21
476	A spin-parity analysis of $B^+ \rightarrow \rho^+ \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 267, 535-540	4.2	21
475	A determination of two Michel parameters in purely leptonic tau decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 316, 608-614	4.2	21
474	Measurement of the lifetime ratio $\tau(B^+)/\tau(B_0)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 232, 554-560	4.2	21
473	Measurement of the integrated and differential $t\bar{t}$ production cross sections for high- $p_T$ top quarks in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	21
472	Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	21
471	Measurement of quarkonium production cross sections in pp collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 251-272	4.2	20
470	Measurement of differential cross sections for the production of top quark pairs and of additional jets in lepton+jets events from pp collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	20

469	Search for new long-lived particles at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 432-454	4.2	20
468	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 140	4.2	20
467	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 564	4.2	20
466	Measurements of the masses and widths of the $\bar{\Lambda}(2455)0^{++}$ and $\bar{\Lambda}(2520)0^{++}$ baryons. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	20
465	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	20
464	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 636	4.2	20
463	Precise measurement of the branching fractions for $B_s0 \rightarrow D_s^{(*)} + D_s^{(*)} \bar{\Lambda}$ and first measurement of the $D_s^{*+} D_s^{*0}$ polarization using $e+e$ collisions. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	20
462	Observation of $D_s1(2536)^{+-} \rightarrow D + \bar{K}^+$ and angular decomposition of $D_s1(2536)^{+-} \rightarrow D^{*} + K_S0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	20
461	Search for $B0 \rightarrow pp \bar{\Lambda}$ and $B^{+} \rightarrow p \bar{\Lambda}$ at Belle. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	20
460	Search for $D0 \bar{D}0$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	20
459	Study of scintillator strip with wavelength shifting fiber and silicon photomultiplier. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 564, 590-596	1.2	20
458	Observation of the $D1(2420) \rightarrow D_{pi} + \pi^{-}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221805	7.4	20
457	Physics with ARGUS. <i>Physics Reports</i> , <b>1996</b> , 276, 224-405	27.7	20
456	Evidence for the production of the charmed, doubly strange baryon $\bar{\Lambda}$ in $e+e$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 288, 367-372	4.2	20
455	Observation of the charged isospin partner of the $D^{*}(2459)0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 231, 208-212	4.2	20
454	First observation of $\bar{\Lambda} \rightarrow \bar{\Lambda}$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 198, 577-582	4.2	20
453	First observation of. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 198, 255-260	4.2	20
452	Search for Leptoquarks Coupled to Third-Generation Quarks in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 241802	7.4	20

451	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	20
450	Study of excited $B_0$ states decaying to $B_0 \pi \pi$ in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135345	4.2	19
449	Search for resonant and nonresonant Higgs boson pair production in the ( $\mathbf{b} \overline{\mathbf{b}} \ell \ell$ ) final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	19
448	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	19
447	Production of the charmonium states $\chi_1$ and $\chi_2$ in proton nucleus interactions at $\sqrt{s}=41.6$ GeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	19
446	Evidence for $B \rightarrow \eta' \pi$ and improved measurements for $B \rightarrow \eta' K$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 061802	7.4	19
445	Inclusive $D$ and $\bar{D}$ meson production in electron positron interactions at ( $\sqrt{s} = 10$ GeV). <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1990</b> , 46, 15-23		19
444	Search for lepton-number and lepton-flavour violation in tau decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 185, 228-232	4.2	19
443	Search for new physics in dijet angular distributions using proton-proton collisions at and constraints on dark matter and other models. <i>European Physical Journal C</i> , <b>2018</b> , 78, 789	4.2	19
442	Deep neural networks for energy and position reconstruction in EXO-200. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P08023-P08023	1	19
441	Measurement and interpretation of differential cross sections for Higgs boson production at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 792, 369-396	4.2	18
440	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 364	4.2	18
439	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two leptons and two jets in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	18
438	Trace radioactive impurities in final construction materials for EXO-200. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 871, 169-179	1.2	18
437	First Observation of the Hadronic Transition $\chi(4S) \rightarrow B(b)(1P)$ and New Measurement of the $h(b)(1P)$ and $\Gamma(b)(1S)$ Parameters. <i>Physical Review Letters</i> , <b>2015</b> , 115, 142001	7.4	18
436	Development of VUV wavelength shifter for the use with a visible light photodetector in noble gas filled detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2012</b> , 695, 403-406	1.2	18
435	Search for time-dependent CPT violation in hadronic and semileptonic B decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	18
434	Improved search for $D_0$ - $D_0^*$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	18

433	Measurement of the $\rho(770)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 407-414	4.2	18
432	Measurement of $\eta(548)$ production in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 540, 33-42	4.2	18
431	Measurement of branching fraction ratios and CP asymmetries in $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ . <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	18
430	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \rho^+ \pi^0$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 031801	7.4	18
429	Observation of F decays into $K^* K$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 179, 398-402	4.2	18
428	Radiative decays of the $\eta(2S)$ into the three $\bar{B}$ states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 160, 331-336	4.2	18
427	Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	18
426	Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 789, 643-665	4.2	17
425	Search for $(\overline{t} \text{H})$ production in the $(\overline{t} \text{H}) \rightarrow (\overline{b} \text{b})$ decay channel with leptonic $(\overline{t} \text{H})$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	17
424	First Observation of the Doubly Cabibbo-Suppressed Decay of a Charmed Baryon: $\Xi_c^+ \rightarrow p K^+ \bar{\Xi}^-$ . <i>Physical Review Letters</i> , <b>2016</b> , 117, 011801	7.4	17
423	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two muons and two b quarks in pp collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 795, 398-423	4.2	17
422	Study of $B^{\pm} \rightarrow K^{\pm} (K_S^0 D)$ decay and determination of $\bar{\rho}$ and $\bar{\rho}(2S)$ parameters. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 139-149	4.2	17
421	Hadronic energy resolution of a highly granular scintillator-steel hadron calorimeter using software compensation techniques. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P09017-P09017	1	17
420	Measurement of CP violation in $B^0 \rightarrow D^* \bar{\eta}$ and $B^0 \rightarrow D \bar{\eta}$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	17
419	Observation of $\eta(548)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 610, 23-30	4.2	17
418	Branching fraction, polarization and CP-violating asymmetries in $B^0 \rightarrow \rho^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 618, 34-42	4.2	17
417	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decay. <i>Physical Review Letters</i> , <b>2005</b> , 95, 061801	7.4	17
416	Study of CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 071801	7.4	17

4 <sup>15</sup>	A measurement of multi-jet rates in deep-inelastic scattering at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1994</b> , 61, 59-66		17
4 <sup>14</sup>	A measurement of the inclusive semileptonic decay fraction of charmed hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 278, 202-208	4.2	17
4 <sup>13</sup>	First evidence of $\bar{D}$ production in B meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 277, 209-214	4.2	17
4 <sup>12</sup>	Search for the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 210, 258-262	4.2	17
4 <sup>11</sup>	Search for narrow states coupling to $\bar{D}$ pairs in radiative $\gamma$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 154, 452-456	4.2	17
4 <sup>10</sup>	A determination of the total width of the $\psi(9.46)$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1980</b> , 93, 500-504	4.2	17
4 <sup>09</sup>	Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text][Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 459	4.2	16
4 <sup>08</sup>	Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 3	4.2	16
4 <sup>07</sup>	Search for new physics with the M T2 variable in all-jets final states produced in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	16
4 <sup>06</sup>	DANSSino: a pilot version of the DANSS neutrino detector. <i>Physics of Particles and Nuclei Letters</i> , <b>2014</b> , 11, 473-482	0.5	16
4 <sup>05</sup>	Measurement of branching fraction and time-dependent CP asymmetry parameters in $B^0 \rightarrow D^* + D^{*0} K_S^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	16
4 <sup>04</sup>	Search for the $h_c$ meson in $B_c^- \rightarrow h_c K^-$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	16
4 <sup>03</sup>	Measurements of branching fractions and CP asymmetries in $B \rightarrow \bar{D}$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	16
4 <sup>02</sup>	Polarization of $\bar{D}$ and $D$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 415-421	4.2	16
4 <sup>01</sup>	First observation of the decay $\bar{D} \rightarrow K^0 \bar{D}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 643, 5-10	4.2	16
4 <sup>00</sup>	Evidence for $B_{\text{charmless}} \rightarrow \omega + \nu$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 131803	7.4	16
399	EXO: an advanced Enriched Xenon double-beta decay Observatory. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2005</b> , 138, 224-226		16
398	Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at ( $\sqrt{s} = 13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	16



397	Cosmogenic backgrounds to $\Omega_{\text{m}}$ EXO-200. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 029-029	6.4	16
396	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	16
395	Observation of the $\chi_{\text{b}1}(3\text{P})$ and $\chi_{\text{b}2}(3\text{P})$ and Measurement of their Masses. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092002	7.4	16
394	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	16
393	Search for supersymmetry in proton-proton collisions at 13 TeV using identified top quarks. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	16
392	Measurements of ( $\overline{\text{t}}\text{t}$ ) differential cross sections in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV using events containing two leptons. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	15
391	Measurements of the associated production of a Z boson and b jets in pp collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 751	4.2	15
390	Search for pair production of first-generation scalar leptoquarks at $s=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	15
389	Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134876	4.2	15
388	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	15
387	Measurement of the differential inclusive $B^+$ hadron cross sections in pp collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 435-456	4.2	15
386	Observation of $B(s)(0) \rightarrow D(s)^{(*)} \mu \bar{\mu}$ and $B(s)(0) \rightarrow D(s)^{(*)} \mu \mu$ and measurement of the $B(s)(0) \rightarrow D(s)^{(*)} \mu \mu$ longitudinal polarization fraction. <i>Physical Review Letters</i> , <b>2010</b> , 104, 231801	7.4	15
385	Observation of $B^+ \rightarrow \Lambda_c^+ \Lambda_c^- K^+$ and $B^0 \rightarrow \Lambda_c^+ \Lambda_c^- K^0$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 97, 202003	7.4	15
384	Improved measurements of the partial rate asymmetry in $B \rightarrow hh$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	15
383	Observation of deep inelastic scattering at low x. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 299, 385-393	4.2	15
382	Observation of prompt J/ψ meson elliptic flow in high-multiplicity pPb collisions at $s_{\text{NN}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 791, 172-194	4.2	14
381	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	14
380	Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in proton-proton collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 777, 39-63	4.2	14

379	Search for $B_0 \rightarrow \mu\mu$ with hadronic tagging at Belle. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	14
378	Measurement of $D_0\bar{D}_0$ mixing and search for CP violation in $D_0 \rightarrow K+K\mu\mu$ decays with the full Belle data set. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 753, 412-418	4.2	14
377	Charged-particle angular correlations in XeXe collisions at $\sqrt{s_{NN}}=5.44$ TeV. <i>Physical Review C</i> , <b>2019</b> , 100,	2.7	14
376	Measurements of the charm jet cross section and nuclear modification factor in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 306-329	4.2	14
375	Search for Higgs boson pair production in the $b\bar{b}$ final state in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	14
374	Search for $B_{s0} \rightarrow hh$ decays at the $(\Upsilon S)$ resonance. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	14
373	Measurements of exclusive $B_{s0}$ decays at the $(\Upsilon S)$ resonance. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	14
372	Search for lepton-flavor-violating $B \rightarrow \mu\tau$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 664, 35-40	4.2	14
371	Observation of $B^+ \rightarrow \tau^0 \bar{\nu}_\tau$ and evidence for $B_0 \rightarrow \tau^0 \bar{\nu}_\tau$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
370	Measurement of CP-violating parameters in $B \rightarrow \mu K$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 546, 196-205	4.2	14
369	Evidence for $B \rightarrow \text{phiphi}K$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 241802	7.4	14
368	Observation of the decay $B(0) \rightarrow D(+/-)D(*-/+)$ . <i>Physical Review Letters</i> , <b>2002</b> , 89, 122001	7.4	14
367	Determination of the structure of $\tau$ decays in the reaction and a precision measurement of the $\tau$ neutrino helicity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 337, 383-392	4.2	14
366	The ARGUS microvertex drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 283, 544-552	1.2	14
365	A measurement of the tau lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 580-584	4.2	14
364	Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	14
363	Evidence for Higgs boson decay to a pair of muons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	14
362	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	14

361	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	14
360	Search for supersymmetry in events with a dilepton pair and missing transverse momentum in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	14
359	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos, and b quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 768, 137-162	4.2	13
358	Search for resonant ( $\overline{\text{t}}\text{t}$ ) production in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	13
357	Measurement of the top quark mass in the all-jets final state at and combination with the lepton+jets channel. <i>European Physical Journal C</i> , <b>2019</b> , 79, 313	4.2	13
356	Measurement of branching fractions and CP violation parameters in $B \rightarrow \bar{K}^0$ decays with first evidence of CP violation in $B_0 \rightarrow \bar{K}^0$ . <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
355	Search for CP Violation in $D_0 \rightarrow \bar{D}^0$ Decays. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	13
354	Observation of $D_0$ - $\bar{D}_0$ mixing in $e^+e^-$ collisions. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111801	7.4	13
353	Electromagnetic response of a highly granular hadronic calorimeter. <i>Journal of Instrumentation</i> , <b>2011</b> , 6, P04003-P04003	1	13
352	Observation of $B_0 \rightarrow \bar{K}^0$ and $B_0 \rightarrow \bar{K}^{*0}$ at Belle. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	13
351	Improved measurement of the $b\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	13
350	Search for lepton and baryon number violating $\Delta B$ decays into $\Delta B$ and $\Delta B$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 51-57	4.2	13
349	Search for CP violation in the decay $B_0 \rightarrow D^{*+}/D^-/+$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 201802	7.4	13
348	Search for $D_0$ - $\bar{D}_0$ mixing in $D_0 \rightarrow K^+ \pi^-$ decays and measurement of the doubly-Cabibbo-suppressed decay rate. <i>Physical Review Letters</i> , <b>2005</b> , 94, 071801	7.4	13
347	Determination of the radiative decay width of the $\bar{B}$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 338, 390-396	4.2	13
346	Inclusive production of charged pions, kaons and protons in $(\bar{K}^0_S)$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 58, 191-198		13
345	Observation of the decay $D_s^+ \rightarrow \bar{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 245, 315-320	4.2	13
344	First observation of. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 212, 528-532	4.2	13

343	Search for fractionally charged particles produced in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 156, 134-138	4.2	13
342	Elastic backward scattering of negative pions on protons at 25 and 38 GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1977</b> , 67, 351-354	4.2	13
341	Measurement of $(\text{hbox } \{t\}\{\bar{\text{hbox } \{t\}}\})$ normalised multi-differential cross sections in $(\text{p})\{\text{p}\}$ collisions at $(\sqrt{s}=13, \text{TeV})$ , and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	13
340	Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	13
339	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $(\sqrt{s}_{\text{NN}})=2.76$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
338	Measurement of the top quark polarization and $tt$ spin correlations using dilepton final states in proton-proton collisions at $s=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	13
337	Search for $(\overline{t})\text{H}$ production in the all-jet final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
336	Search for Narrow Resonances in the b-Tagged Dijet Mass Spectrum in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 120, 201801	7.4	13
335	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 280	4.2	12
334	Search for a Narrow Resonance Lighter than 200 GeV Decaying to a Pair of Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2020</b> , 124, 131802	7.4	12
333	Suppression of Excited $\chi$ States Relative to the Ground State in Pb-Pb Collisions at $\sqrt{s}_{\text{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 120, 142301	7.4	12
332	Measurement of normalized differential $(\overline{t})$ cross sections in the dilepton channel from pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	12
331	Inclusive and exclusive measurements of B decays to $\bar{D}^1$ and $\bar{D}^2$ at Belle. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	12
330	Performance of the first prototype of the CALICE scintillator strip electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 763, 278-289	1.2	12
329	Search for $B^+ \rightarrow \bar{D}^0$ decays with hadronic tagging using the full Belle data sample. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	12
328	Construction and performance of a silicon photomultiplier/extruded scintillator tail-catcher and muon-tracker. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P04015-P04015	1	12
327	Search for charmonium and charmoniumlike states in $(\text{1S})$ radiative decays. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	12
326	Novel photo-detectors and photo-detector systems. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 604, 183-189	1.2	12

325	Search for lepton flavor violating . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 692, 4-9	4.2	12
324	Search for $B_0 \rightarrow \rho^+ \rho^-$ , $B_0 \rightarrow \rho^0 \rho^0$ and $B^+ \rightarrow \rho^+ \rho^0$ at Belle. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	12
323	Measurement of branching fractions for . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 634, 155-164	4.2	12
322	Search for the lepton-flavor-violating decay $\tau^- \rightarrow \mu^- \eta$ at Belle. <i>Physical Review Letters</i> , <b>2004</b> , 93, 081803	7.4	12
321	Measurement of the oscillation frequency for $B_0$ -mixing using hadronic $B_0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 542, 207-215	4.2	12
320	Measurement of the inclusive semileptonic branching fraction of B mesons and $ V_{cb} $ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 547, 181-192	4.2	12
319	A gaseous muon detector at the HERA-B experiment. <i>IEEE Transactions on Nuclear Science</i> , <b>2001</b> , 48, 1059-1064	1.7	12
318	Measurement of the $B(0)$ - $B(0)$ mixing parameter $\Delta m(d)$ using semileptonic $B_0$ decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 251803	7.4	12
317	A search for the electric dipole moment of the lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 485, 37-44	4.2	12
316	Quartz fibre calorimetry Monte Carlo simulation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 357, 380-385 <sup>1,2</sup>		12
315	Measurement of the absolute branching fractions for $D_0$ decays into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 340, 125-128	4.2	12
314	Observation of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 425-431	4.2	12
313	Measurement of inclusive baryon production in B meson decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 56, 1-6		12
312	Investigation of the decays $(\bar{B}^0 \rightarrow D^{*+} \ell^+ \bar{\nu})$ and $(\bar{B} \rightarrow D^{**} \ell^+ \bar{\nu})$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 57, 533-540		12
311	Search for rare B meson decays into D + s mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 60, 11-18		12
310	Search for the decay $D_s \rightarrow \rho^+ \rho^-$ as evidence for quark annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 195, 102-106	4.2	12
309	Observation of inclusive DS production in B meson decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 187, 425-430	4.2	12
308	Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	12

307	Studies of and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 939	4.2	12
306	Search for single production of vector-like quarks decaying to a b quark and a Higgs boson. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	12
305	Search for the pair production of third-generation squarks with two-body decays to a bottom or charm quark and a neutralino in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 778, 263-291	4.2	12
304	Search for single production of a heavy vector-like T quark decaying to a Higgs boson and a top quark with a lepton and jets in the final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 80-105	4.2	11
303	A scintillator based endcap KL and muon detector for the Belle II experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 789, 134-142	1.2	11
302	Production of $\Xi^+$ baryons in proton-proton and lead-lead collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135328	4.2	11
301	Search for nucleon decays with EXO-200. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
300	Phenomenological MSSM interpretation of CMS searches in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
299	Search for MSSM Higgs bosons decaying to $\tau\tau$ in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 798, 134992	4.2	11
298	Search for single production of vector-like quarks decaying into a b quark and a W boson in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 634-656	4.2	11
297	Observation of Top Quark Production in Proton-Nucleus Collisions. <i>Physical Review Letters</i> , <b>2017</b> , 119, 242001	7.4	11
296	Angular analysis of $B^0 \rightarrow K^* \tau \nu$ decays and search for CP violation at Belle. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
295	Tests of a Particle Flow Algorithm with CALICE test beam data. <i>Journal of Instrumentation</i> , <b>2011</b> , 6, P07005-P07005	4.9	11
294	Search for charmonium and charmoniumlike states in $\Upsilon(2S)$ radiative decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
293	First study of $\Upsilon(1S)$ , $\Upsilon(1760)$ and $X(1835)$ production via $\tau\tau$ final states in two-photon collisions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	11
292	Study of time-dependent CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 261801	7.4	11
291	Improved measurement of the partial-rate CP asymmetry in $B^+ \rightarrow K^0 \tau^+ \nu$ and $B^0 \rightarrow K^0 \tau^+ \nu$ decays. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	11
290	Measurement of the time-dependent CP-violating asymmetry in $B(0) \rightarrow K(0)(S)\pi(0)\gamma$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 231601	7.4	11

289	A search for heavy leptons at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 340, 205-216	4.2	11
288	Observation of $B \rightarrow \bar{D}^0$ and $B \rightarrow \bar{D}^+$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 451-457	4.2	11
287	Inclusive $\eta$ -meson production in electron-positron interactions in the energy region of the $\eta$ -resonances. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 41, 557-566		11
286	Search for gluinos in decays of the $B(13P1)$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 167, 360-364	4.2	11
285	Constraints on anomalous HVV couplings from the production of Higgs bosons decaying to $\tau$ lepton pairs. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	11
284	Search for beyond the standard model Higgs bosons decaying into a $(\overline{b}b)$ pair in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	11
283	Search for new neutral Higgs bosons through the $(H \rightarrow Z A) \rightarrow \ell \ell^+ \ell \ell^- \overline{b}b$ process in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	10
282	Search for $2\nu$ decay of $Xe^{136}$ to the $01+$ excited state of $Ba^{136}$ with the EXO-200 liquid xenon detector. <i>Physical Review C</i> , <b>2016</b> , 93,	2.7	10
281	Study of $B^0 \rightarrow \mu \mu$ decays and implications for the CKM angle $\beta_2$ . <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	10
280	Measurement of the top quark mass using charged particles in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	10
279	Search for supersymmetry in pp collisions at $\sqrt{s}=8$ TeV in final states with boosted W bosons and b jets using razor variables. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	10
278	Combination of CMS searches for heavy resonances decaying to pairs of bosons or leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 798, 134952	4.2	10
277	The time structure of hadronic showers in highly granular calorimeters with tungsten and steel absorbers. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P07022-P07022	1	10
276	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
275	Registration of reactor neutrinos with the highly segmented plastic scintillator detector DANSSino. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P05018-P05018	1	10
274	Study of the interactions of pions in the CALICE silicon-tungsten calorimeter prototype. <i>Journal of Instrumentation</i> , <b>2010</b> , 5, P05007-P05007	1	10
273	Observation of the decay $B(0) \rightarrow J/\psi \eta$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 131803	7.4	10
272	Search for lepton flavor violating $B$ decays with a $K_S^0$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 159-164	4.2	10

271	Observation of radiative $B \rightarrow \phi K \gamma$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 051801	7.4	10
270	Measurement of the $B^0\bar{B}^0$ mixing rate with $B^0(B^0) \rightarrow D^{*\mp} \pi^{\pm}$ partial reconstruction. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	10
269	Study of the suppressed decays $B^- \rightarrow [K+\pi^0] D^-$ and $B^- \rightarrow [K+\pi^0] D_{s1}^-$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 091601	7.4	10
268	Evidence for $B^0 \rightarrow D^+ D^-$ and observation of $B^- \rightarrow D^0 D^-$ and $B^- \rightarrow D^0 D^{*-}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 041803	7.4	10
267	Results on baryon antibaryon correlations in $e^+ e^-$ annihilation. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 43, 45-53		10
266	A search for $\Lambda$ and $\bar{\Lambda}$ production in the reactions $\bar{p} \rightarrow K^+ K^0 \bar{\Lambda}$ and $\bar{p} \rightarrow 2K^+ 2K^0 \bar{\Lambda}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 210, 273-277	4.2	10
265	Measurement of $D^{*s} - D_s$ mass difference. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 207, 349-354	4.2	10
264	Observation of antideuteron production in electron-positron annihilation at 10 GeV center of mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 157, 326-332	4.2	10
263	Measurement of properties of $(B_{\text{S}}^0)_{\text{CP}}$ decays and search for $B^0 \rightarrow \mu^+ \mu^-$ with the CMS experiment. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	10
262	Dose rate effects in the radiation damage of the plastic scintillators of the CMS hadron endcap calorimeter. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, T10004-T10004	1	10
261	Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	10
260	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	10
259	DANSS Neutrino Spectrometer: Detector Calibration, Response Stability, and Light Yield. <i>Physics of Particles and Nuclei Letters</i> , <b>2018</b> , 15, 272-283	0.5	10
258	Inclusive search for supersymmetry using razor variables in pp collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	9
257	Measurement of associated production of a boson and a charm quark in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 269	4.2	9
256	Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	9
255	Constraints on Hidden Photons Produced in Nuclear Reactors. <i>Physical Review Letters</i> , <b>2019</b> , 122, 041801	7.4	9
254	Running of the top quark mass from proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135263	4.2	9



253	A search for the standard model Higgs boson decaying to charm quarks. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5-4	9
252	Measurements of $t\bar{t}$ charge asymmetry using dilepton final states in pp collisions at $\sqrt{s}=8\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 760, 365-386	4-2	9
251	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	9
250	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 457	4-2	9
249	Search for top quark partners with charge $5/3$ in the same-sign dilepton and single-lepton final states in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	9
248	Search for associated production of dark matter with a Higgs boson decaying to $(\overline{\text{b}}\text{b})$ or $\overline{\text{b}}\text{t}$ ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	9
247	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	9
246	Measurements of $B \rightarrow D^* D_s^{*0}$ (2317) decay rates and a search for isospin partners of the $D_s^{*0}$ (2317). <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	9
245	Validation of GEANT4 Monte Carlo models with a highly granular scintillator-steel hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P07005-P07005	1	9
244	Observation of $B \rightarrow p \bar{D}^0$ at Belle. <i>Physical Review D</i> , <b>2011</b> , 84,	4-9	9
243	Observation of $D^+ \rightarrow K^+ \bar{K}^0$ and search for CP violation in $D^+ \rightarrow \bar{K}^0 \bar{K}^0$ decays. <i>Physical Review Letters</i> , <b>2011</b> , 107, 221801	7-4	9
242	Observation of $B^+ \rightarrow \omega K^+$ decay. <i>Physical Review Letters</i> , <b>2002</b> , 89, 191801	7-4	9
241	Observation of semileptonic decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 303, 368-376	4-2	9
240	An upper limit for two-jet production in direct $\psi(1S)$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1986</b> , 31, 181-184		9
239	The decay $(D^0 \rightarrow \bar{K}^0 \phi)$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1987</b> , 33, 359-362		9
238	Observation of the orbitally excited $\Sigma(1520)$ baryon in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 215, 429-434	4-2	9
237	Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	9
236	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an [Formula: see text] pair in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 317	4-2	9

235	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
234	Search for a singly produced third-generation scalar leptoquark decaying to a $\mu$ lepton and a bottom quark in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
233	Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	8
232	Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and pp Collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 152001	7.4	8
231	Search for Higgsino pair production in pp collisions at $\sqrt{s}=13$ TeV in final states with large missing transverse momentum and two Higgs bosons decaying via $H \rightarrow b\bar{b}$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	8
230	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at ( $\sqrt{s_{\text{NN}}}=5.02$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
229	Measurement of the CKM angle $\beta$ in $B^0 \rightarrow D^0(*)0h^0$ , $D^0 \rightarrow KS^0\mu^+\mu^-$ decays with time-dependent binned Dalitz plot analysis. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	8
228	Measurement of the lepton forward-backward asymmetry in $B \rightarrow Xs\mu^+\mu^-$ decays with a sum of exclusive modes. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	8
227	Search for s channel single top quark production in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
226	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	8
225	Show development of particles with momenta from 1 to 10 GeV in the CALICE Scintillator-Tungsten HCAL. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P01004-P01004	1	8
224	Evidence for semileptonic $B \rightarrow \mu^+\mu^-\mu^+\mu^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	8
223	Evidence for the decay $B^0 \rightarrow K^+K^-$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	8
222	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	8
221	Measurement of the top quark mass using single top quark events in proton-proton collisions at [ $\sqrt{s}$ ] TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 354	4.2	8
220	Testing hadronic interaction models using a highly granular silicon-tungsten calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 794, 240-254	1.2	8
219	Evidence for the suppressed decay $B \rightarrow DK^0D \rightarrow K^+\mu^-$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
218	Measurements of branching fractions for $B^0 \rightarrow Ds^+\mu^-$ and $B^0 \rightarrow Ds^+K^-$ . <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	8

217	Observation of the decay $B^0 \rightarrow D_s + \bar{p}$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	8
216	Measurement of the ratio $B(D^0 \rightarrow \pi^0)/B(D^0 \rightarrow K_S^0)$ and the time-integrated CP asymmetry in $D^0 \rightarrow \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 102-110	4.2	8
215	Study of $J/\psi \rightarrow p\bar{p}$ , $\Lambda\bar{\Lambda}$ and observation of $\eta(c) \rightarrow \Lambda\bar{\Lambda}$ at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 97, 162003	7.4	8
214	A high-granularity plastic scintillator tile hadronic calorimeter with APD readout for a linear collider detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 564, 144-154	1.2	8
213	Study of CP violating effects in time dependent $B^0(B^0) \rightarrow D^{(*)} + \pi^{\pm}$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 031802	7.4	8
212	Observation of the radiative decay $D^0 \rightarrow \rho\gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 101803	7.4	8
211	Studies of the decay $B^{\pm} \rightarrow D(CP)K^{\pm}$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 131803	7.4	8
210	Recent developments in quartz fibre calorimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 357, 369-379 <sup>1,2</sup>		8
209	Measurement of inclusive B meson decays into baryons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 42, 519-525		8
208	Measurement of the decays $B \rightarrow K^* \nu$ and $B \rightarrow \nu$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 41, 1-5		8
207	Search for $D^0$ decays into lepton pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 209, 380-384	4.2	8
206	Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
205	An optimal energy estimator to reduce correlated noise for the EXO-200 light readout. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P07015-P07015	1	8
204	Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $s=13$ TeV. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	8
203	Angular analysis of the decay $B^+ \rightarrow K^* \pi$ in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	8
202	Search for R-parity violating supersymmetry in pp collisions at $s=13$ TeV using b jets in a final state with a single lepton, many jets, and high sum of large-radius jet masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 783, 114-139	4.2	8
201	Search for electroweak production of charginos in final states with two leptons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
200	Search for Supersymmetry in pp Collisions at $\sqrt{s}=13$ TeV in the Single-Lepton Final State Using the Sum of Masses of Large-Radius Jets. <i>Physical Review Letters</i> , <b>2017</b> , 119, 151802	7.4	7

199	Search for supersymmetry in the all-hadronic final state using top quark tagging in pp collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	7
198	Studies of Beauty Suppression via Nonprompt $D^{\{0\}}$ Mesons in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 022001	7.4	7
197	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 011803	7.4	7
196	Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	7
195	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	7
194	Search for supersymmetry in pp collisions at ( $\sqrt{s}=13$ ) TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
193	Measurement of the semileptonic ( $\overline{\text{t}} + \text{t}$ ) production cross section in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
192	Measurement of time-dependent CP violation in $B^0 \rightarrow \bar{K}^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	7
191	Track segments in hadronic showers in a highly granular scintillator-steel hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P09001-P09001	1	7
190	Study of the decays $B \rightarrow Ds1(2536) + D^{\{*\}}$ . <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
189	Evidence for direct CP violation in $B^{\pm} \rightarrow \bar{B}^{\pm}$ and observation of $B^0 \rightarrow \bar{B}^0$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 031801	7.4	7
188	Measurement of the $\gamma$ production cross section in 920 GeV fixed-target proton-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 13-21	4.2	7
187	Search for rare B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 353, 554-562	4.2	7
186	Study of $D^0$ and $D^+$ decays into final states with two or three kaons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1994</b> , 64, 375-380		7
185	Angular dependence of quartz fiber calorimeter response. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 360, 237-239	1.2	7
184	A new determination of the $B^0$ ( $\bar{B}^0$ ) oscillation strength. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 357-363		7
183	B meson decays to $D^{\{s\}}$ and $D^{\{*\}}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 215, 424-428	4.2	7
182	Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	7

181	Searches for R-parity-violating supersymmetry in pp collisions at $\sqrt{s}=8$ TeV in final states with 0 leptons. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	7
180	Search for long-lived particles using delayed photons in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	7
179	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 13	4.2	7
178	Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at ( $\sqrt{s}=8$ ) and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
177	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
176	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , <b>2021</b> , 81, 800	4.2	7
175	Search for a Light Charged Higgs Boson Decaying to a W Boson and a CP-Odd Higgs Boson in Final States with $e\bar{\nu}_\tau$ In Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 131802	7.4	6
174	Measurement of prompt ( $\tau$ ) production cross sections in proton-lead and proton-proton collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 790, 509-532	4.2	6
173	Observation of Single Top Quark Production in Association with a Z Boson in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132003	7.4	6
172	Optimization of the uniformity of light yield from scintillator tiles read out directly by silicon photomultipliers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 787, 166-168	1.2	6
171	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , <b>2020</b> , 80, 534	4.2	6
170	Measurement of the B polarization and angular parameters in $\bar{B} \rightarrow J/\psi$ decays from pp collisions at $\sqrt{s}=7$ and 8 TeV. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	6
169	Search for supersymmetry in electroweak production with photons and large missing transverse energy in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 479-500	4.2	6
168	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 536	4.2	6
167	First model-independent Dalitz analysis of $B^0 \rightarrow DK^*0$ , $D \rightarrow KS^0$ decay. <i>Progress of Theoretical and Experimental Physics</i> , <b>2016</b> , 2016, 043C01	5.4	6
166	Search for leptophobic Z' bosons decaying into four-lepton final states in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 773, 563-584	4.2	6
165	Observation of $B^+ \rightarrow p \bar{\nu}_\tau D^{(*)+}$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 221803	7.4	6
164	Pion and proton showers in the CALICE scintillator-steel analogue hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P04014-P04014	1	6

163	Evidence of $\psi(1S) \rightarrow J/\psi \pi^0$ and search for double-charmonium production in $\psi(1S)$ and $\psi(2S)$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	6
162	Measurement of exclusive $\psi(1S)$ and $\psi(2S)$ decays into vector-pseudoscalar final states. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	6
161	Observation of $B^+ \rightarrow p \bar{n} \pi^0$ at Belle. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	6
160	Measurements of B decays to two kaons. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231802	7.4	6
159	Evidence for W-exchange in charmed baryon decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 342, 397-401	4.2	6
158	Observation of polarization effects in $\bar{B}^+$ semileptonic decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 326, 320-328	4.2	6
157	New results on $D^0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 56, 7-13		6
156	Inclusive production of $\eta$ (958) and $f_0$ (975) mesons in the $\sqrt{s}$ energy region. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 58, 199-206		6
155	Search for exclusive radiative decays of $\psi(1S)$ and $\psi(2S)$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 42, 349-354		6
154	Measurement of $D^0$ decays into $(\overline{K}^0 \omega)$ , $(\overline{K}^0 \eta)$ and $(\overline{K}^{*0} \eta)$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 43, 181-184		6
153	Observation of $\psi(1232)^{++}$ production in $e^+e^-$ annihilations around 10 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 230, 169-174	4.2	6
152	Determination of the branching ratio for the decay $B^0 \rightarrow D^* \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 182, 95-100	4.2	6
151	An upper limit on $D^0 \bar{D}^0$ mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 447-450	4.2	6
150	Search for the decay $\bar{B}^0 \rightarrow \nu \bar{\nu}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 195, 307-310	4.2	6
149	A determination of the muon pair branching ratio of the $\eta$ meson. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1985</b> , 28, 45-50		6
148	Search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV with 137 fb $^{-1}$ in final states with a single lepton using the sum of masses of large-radius jets. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	6
147	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
146	Searches for sterile neutrinos at very short baseline reactor experiments. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1390, 012049	0.3	6

145	Search for new physics in top quark production in dilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 886	4.2	6
144	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
143	Evidence for the Associated Production of a Single Top Quark and a Photon in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 221802	7.4	6
142	Search for a heavy resonance decaying into a Z boson and a vector boson in the ( $\overline{\nu}_q \overline{\nu}_q$ ) final state. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
141	Pseudorapidity dependence of long-range two-particle correlations in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	5
140	Measurement of $B_s^0$ meson production in pp and PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 796, 168-190	4.2	5
139	Measurement of $B^0 \rightarrow D_s K_S^0$ and $B^+ \rightarrow D_s K^+$ branching fractions. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	5
138	Neutrino-Based Tools for Nuclear Verification and Diplomacy in North Korea. <i>Science and Global Security</i> , <b>2019</b> , 27, 15-28	0.1	5
137	Measurement of the top quark Yukawa coupling from $tt$ kinematic distributions in the lepton+jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	5
136	Synthesis of reduced graphene oxide and its electrocatalytic properties. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 858-862	0.8	5
135	Evidence for $B^0 \rightarrow \overline{D}^+ D^+$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 206-210	4.2	5
134	Publisher's Note: Measurements of $B \rightarrow D^0 D_s^{*+}(2317)$ decay rates and a search for isospin partners of the $D_s^{*+}(2317)$ [Phys. Rev. D 91, 092011 (2015)]. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	5
133	Two-phase xenon emission detector with electron multiplier and optical readout by multipixel avalanche Geiger photodiodes. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P05017-P05017	1	5
132	Measurement of the $e^+e^- \rightarrow D^{(*)} D^{(*)}$ cross sections. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	5
131	Observation of $B^0 \rightarrow D^{*+} D^+$ , $B^+ \rightarrow D^{*+} D^+$ and $B^+ \rightarrow D^{*0} D^+$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	5
130	Measurement of masses and branching ratios of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 605, 237-246	4.2	5
129	A simple gas pixel chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 379, 404-405	1.2	5
128	Two-photon production of $\Upsilon$ pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 374, 265-270	4.2	5

127	Measurement of the semileptonic branching fractions of the $D_0$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 374, 249-255	4.2	5
126	Measurement of the decay $B \rightarrow \mu^+ \mu^-$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 56, 339-345		5
125	Observation of the $B_0 \rightarrow J/\psi$ decay in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 802, 135203	4.2	5
124	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 488	4.2	5
123	Search for resonant and nonresonant new phenomena in high-mass dilepton final states at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	5
122	$\chi(nS)$ polarizations versus particle multiplicity in pp collisions at $\sqrt{s}=7\text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 761, 31-52	4.2	5
121	Measurement of the $t\bar{t} \rightarrow b\bar{b}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s}=13\text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135285	4.2	5
120	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 3	4.2	5
119	Measurement of the groomed jet mass in PbPb and pp collisions at $(\sqrt{s_{\text{NN}}})=5.02\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	5
118	Search for excited quarks of light and heavy flavor in $3\text{-jet}$ final states in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 390-411	4.2	5
117	Search for Higgs and Z boson decays to $J/\psi$ or $\Upsilon$ pairs in the four-muon final state in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134811	4.2	4
116	Search for the pair production of light top squarks in the $e^+e^-$ final state in proton-proton collisions at $(\sqrt{s})=13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	4
115	Search for nonresonant Higgs boson pair production in the $(\text{b}\overline{\text{b}}\text{b}\overline{\text{b}})$ final state at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	4
114	Study of the underlying event in top quark pair production in collisions at 13. <i>European Physical Journal C</i> , <b>2019</b> , 79, 123	4.2	4
113	Evidence for $(\text{W})\text{W}$ production from double-parton interactions in proton-proton collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	4
112	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 242	4.2	4
111	Construction and response of a highly granular scintillator-based electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2018</b> , 887, 150-168	1.2	4
110	Search for XYZ states in $\chi(1S)$ inclusive decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	4



109	Search for a $W^?$ boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	4
108	Searches for double beta decay of Xe134 with EXO-200. <i>Physical Review D</i> , <b>2017</b> , 96,	4-9	4
107	Search for a heavy resonance decaying to a top quark and a vector-like top quark at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
106	Shower development of particles with momenta from 15 GeV to 150 GeV in the CALICE scintillator-tungsten hadronic calorimeter. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P12006-P12006	1	4
105	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> , <b>2014</b> , 112,	7-4	4
104	Observation of the decay $B^0 \rightarrow \bar{K}^*(892)^0$ . <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	4
103	Electrocatalytic properties of multiwalled carbon nanotubes-based nanocomposites for oxygen electrodes. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 1536-1540	0-8	4
102	Evidence of time-dependent CP violation in the decay $B^0 \rightarrow D^{*+} D^{*-}$ <i>Physical Review D</i> , <b>2009</b> , 80,	4-9	4
101	The CALICE hadron scintillator tile calorimeter prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 342-344	1-2	4
100	Search for the decay $B^0 \rightarrow \pi^0 \pi^0$ <i>Physical Review D</i> , <b>2006</b> , 73,	4-9	4
99	Measurement of the branching fractions for $B \rightarrow \bar{K}^* \pi$ and $B \rightarrow \pi \pi$ <i>Physical Review D</i> , <b>2004</b> , 70,	4-9	4
98	Search for $B \rightarrow J/\psi \pi$ decay. <i>Physical Review D</i> , <b>2004</b> , 69,	4-9	4
97	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> , <b>2005</b> , 624, 11-21	4-2	4
96	Search for $B^0 \rightarrow J/\psi \pi^0$ and $B^+ \rightarrow J/\psi \pi^+$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4-9	4
95	Search for neutrinoless $\chi$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 179-189		4
94	A study of drift chamber ageing with propane. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 274, 189-193	1-2	4
93	Lifetimes of charmed mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 210, 267-272	4-2	4
92	Upper limit for the emission of monoenergetic photons in $(1S)$ - and $(2S)$ -meson decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1985</b> , 29, 167-173		4

91	Search for nonresonant Higgs boson pair production in final states with two bottom quarks and two photons in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	4
90	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	4
89	Supernova Model Discrimination with Hyper-Kamiokande. <i>Astrophysical Journal</i> , <b>2021</b> , 916, 15	4.7	4
88	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 629	4.2	4
87	Upgrade of the Time of Flight system of the CMD-3 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 598-600	1.2	3
86	Study of $J/\psi$ meson production inside jets in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 804, 135409	4.2	3
85	Search for ZZ resonances in the $2\mu$ final state in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	3
84	First observation of $\Xi_{cc}$ and search for exotic baryons in pK systems. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
83	DHCAL with minimal absorber: measurements with positrons. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05008-P05008	4.9	3
82	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> , <b>2016</b> , 94,	4.9	3
81	Light yield measurements of finger-structured and unstructured scintillators after gamma and neutron irradiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 818, 26-31	1.2	3
80	Search for the production of $W^-W^+W^0$ events at $s=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	3
79	Detector of the reactor AntiNeutrino based on Solid-state plastic Scintillator (DANSS). Status and first results.. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 798, 012152	0.3	3
78	Search for supersymmetry in events with photons and missing transverse energy in pp collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 391-412	4.2	3
77	Search for top quark partners with charge $5/3$ in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	3
76	Measurement of $e^+e^- \rightarrow \mu^+\mu^-$ via initial state radiation at Belle. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	3
75	Measurement of branching fractions for $B \rightarrow J/\psi K$ decays and search for a narrow resonance in the $J/\psi$ final state. <i>Progress of Theoretical and Experimental Physics</i> , <b>2014</b> , 2014, 43C01-0	5.4	3
74	First measurement of inclusive $B \rightarrow X_s \mu$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 191803	7.4	3

73	Evidence for $B \rightarrow Ds + K^0$ and search for $B \rightarrow Ds^* + K^0$ <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
72	Determination of the Michel parameters $\rho$ and $\eta$ in $\tau$ lepton decays with $B$ -tags. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 431, 179-187	4.2	3
71	Bottom production cross section from double muonic decays of b-flavoured hadrons in 920 GeV proton-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 650, 103-110	4.2	3
70	Luminosity determination at HERA-B. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 582, 401-412	1.2	3
69	Measurement of branching fraction and direct CP asymmetry in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	3
68	Search for the flavor-changing neutral current decay $D^0 \rightarrow \pi^0 \pi^0$ with the HERA-B detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 596, 173-183	4.2	3
67	Spectra of prompt electrons from decays of $B^+$ and $B^0$ mesons and ratio of inclusive semielectronic branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 614, 27-36	4.2	3
66	Two measurements of $B^0 \bar{B}^0$ mixing using kaon tagging. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 374, 256-264	4.2	3
65	Search for charm production in direct decays of the $\psi(1S)$ resonance. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 25-31		3
64	Upper limits for the decay of $\tau$ leptons into $\Xi$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 41, 405-411		3
63	Comment on Analysis of the Results of the Neutrino-4 Experiment on the Search for the Sterile Neutrino and Comparison with Results of Other Experiments (JETP Letters 112, 199 (2020)). <i>JETP Letters</i> , <b>2020</b> , 112, 452-454	1.2	3
62	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 970	4.2	3
61	Search for new particles in events with energetic jets and large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	3
60	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	3
59	Hadronic energy resolution of a combined high granularity scintillator calorimeter system. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P12022-P12022	1	3
58	Observation of the decay $B^+ \rightarrow \psi(1020) K^+$ in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 66-86	4.2	2
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52	Search for dark matter particles in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV using the razor variables. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	2
51	Hadron shower decomposition in the highly granular CALICE analogue hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P06013-P06013	1	2
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49	Search for excited leptons in $\Upsilon$ final states in proton-proton collisions at ( $\sqrt{\text{mathrm{s}}}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
48	First observation of Cabibbo-suppressed $B^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	2
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46	Search for the $b \rightarrow d\bar{\nu}$ process. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	2
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43	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 752	4.2	2
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40	Search for W Boson Decays to Three Charged Pions. <i>Physical Review Letters</i> , <b>2019</b> , 122, 151802	7.4	1
39	Neutrino Physics at Kalinin Nuclear Power Plant: 2002 $\bar{\nu}$ 2017. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 934, 012006	0.3	1
38	Laboratory aging studies for the HERA-B muon chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 494, 236-240	1.2	1

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36	Study of pp and $\bar{p}$ production in $e^+e^-$ annihilation at 10 GeV center of mass energy. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 49, 349-353		1
35	The performance of a new Kuraray wavelength shifting fiber YS-2. <i>Journal of Instrumentation</i> , <b>2022</b> , 17, P01031	1	1
34	Study of the $(\mathcal{B}^+ \rightarrow \mathcal{J}/\psi \overline{\Lambda} p)$ decay in proton-proton collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
33	Measurement of the cross section for $(\mathcal{t} \overline{\mathcal{t}})$ production with additional jets and b jets in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
32	Measurement of differential cross sections for Z bosons produced in association with charm jets in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
31	Sensitivity of the DANSS detector to short range neutrino oscillations. <i>Nuclear and Particle Physics Proceedings</i> , <b>2016</b> , 273-275, 1055-1058	0.4	1
30	Observation of the $Z \rightarrow \mathcal{A}^+ \mathcal{A}^-$ Decay in pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 141801	7.4	1
29	Search for Pair-Produced Resonances Each Decaying into at Least Four Quarks in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 141802	7.4	1
28	Search for a heavy resonance decaying to a top quark and a W boson at $\sqrt{s} = 13$ TeV in the fully hadronic final state. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
27	On the formation of dynamic structures in the form of rotating rings and vortices in a thin layer of a magnetodielectric colloid subjected to a constant electric field. <i>Technical Physics</i> , <b>2012</b> , 57, 445-450	0.5	0
26	Status and perspectives of neutrino physics. <i>Progress in Particle and Nuclear Physics</i> , <b>2022</b> , 103947	10.6	0
25	Particle identification using Boosted Decision Trees in the Semi-Digital Hadronic Calorimeter prototype. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P10009-P10009	1	0
24	Observation of $tW$ production in the single-lepton channel in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
23	Measurement of b jet shapes in proton-proton collisions at $(\sqrt{s}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
22	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
21	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 153	4.2	0
20	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 290	4.2	0

19	Measurement of the inclusive and differential $t\bar{t}$ cross sections in the single-lepton channel and EFT interpretation at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	○
18	Measurement of the top quark mass using events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	○
17	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
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15	Brightness and uniformity measurements of plastic scintillator tiles at the CERN H2 test beam. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P01002-P01002	1	
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10	Search for the CP-violating decays $Upsilon(4S) \rightarrow B\bar{B} \rightarrow J/\psi K_S + J/\psi(\eta_c) K_S$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 211601	7.4	
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