Abraham Antonio Gallas Torreira

List of Publications by Year in Descending Order

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

699 papers	24,026 citations	70 h-index	125 g-index
734 ext. papers	28,588 ext. citations	5.3 avg, IF	6.35 L-index

#	Paper	IF	Citations
699	Measurement of prompt charged-particle production in pp collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV. *Journal of High Energy Physics*, **2022**, 2022, 1	5.4	2
698	Measurement of the Bs0->□□decay properties and search for the B0->□□and Bs0->□□decays. *Physical Review D*, **2022**, 105,	4.9	1
697	Study of $$ {mathrm{B}}_{mathrm{c}}^{+} $$ decays to charmonia and three light hadrons. *Journal of High Energy Physics*, **2022**, 2022, 1	5.4	
696	Search for the radiative $$ {Xi}_b^{-} $$ -> □decay. *Journal of High Energy Physics*, **2022**, 2022, 1	5.4	0
695	Measurement of the W boson mass. *Journal of High Energy Physics*, **2022**, 2022, 1	5.4	0
694	Analysis of Neutral B-Meson Decays into Two Muons.. *Physical Review Letters*, **2022**, 128, 041801	7.4	2
693	Measurement of □1(3872) production in proton-proton collisions at $$ sqrt{s} $$ = 8 and 13 TeV. *Journal of High Energy Physics*, **2022**, 2022, 1	5.4	0
692	Evidence for a New Structure in the J/□ and J/□[over □] Systems in B_{s}^{0}->J/□p[over □] Decays.. *Physical Review Letters*, **2022**, 128, 062001	7.4	0
691	Study of Z Bosons Produced in Association with Charm in the Forward Region.. *Physical Review Letters*, **2022**, 128, 082001	7.4	0
690	The HEV Ventilator: at the interface between particle physics and biomedical engineering.. *Royal Society Open Science*, **2022**, 9, 211519	3.3	0
689	Observation of $$ {Lambda}_b^0 $$ -> D+p□and $$ {Lambda}_b^0 $$ -> D*+p□decays. *Journal of High Energy Physics*, **2022**, 2022, 1	5.4	
688	Searches for rare $$ {B}_s^0 $$ and B0 decays into four muons. *Journal of High Energy Physics*, **2022** , 2022, 1	5.4	0
687	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in p-Pb and pp Collisions at sqrt[s_{NN}]=5 TeV.. *Physical Review Letters*, **2022**, 128, 142004	7.4	0
686	A dead-time-free data acquisition system for prompt gamma-ray measurements during proton therapy treatments. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2022**, 166701	1.2	0
685	Angular analysis of the rare decay ({B}_s^0) -> ?□□*Journal of High Energy Physics*, **2021**, 2021, 1	5.4	1
684	First measurement of the (C!P)-violating phase in ({{B} ^0_{s}} !rightarrow {{J /psi }} () (rightarrow) (e ^+e ^-))(phi) decays. *European Physical Journal C*, **2021**, 81, 1	4.2	0
683	Measurement of J/□production cross-sections in pp collisions at (sqrt{s}) = 5 TeV. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	1

682	Measurement of the lifetimes of promptly produced □0 and □0 baryons. *Science Bulletin*, **2021**,	10.6	1
681	Branching Fraction Measurements of the Rare B_{s}^{0}->?□{+}□{-} and B_{s}^{0}->f_{2}^{'}(1525)□{+}□{-} Decays. *Physical Review Letters*, **2021**, 127, 151801	7.4	5
680	Observation of a ({varLambda}_b^0) □({overline{varLambda}}_b^0) production asymmetry in proton-proton collisions at (sqrt{s}) = 7 and 8 TeV. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	0
679	Observation of a New Excited D_{s}^{+} Meson in B^{0}->D^{-}D^{+}K^{+}□{-} Decays. *Physical Review Letters*, **2021**, 126, 122002	7.4	3
678	Observation of Multiplicity Dependent Prompt □{c1}(3872) and □(2S) Production in pp Collisions. *Physical Review Letters*, **2021**, 126, 092001	7.4	4
677	Measurement of the CKM angle □and ({B}_s^0hbox{-} {overline{B}}_s^0) mixing frequency with ({B}_s^0to {D}_s^{mp }{h}^{pm }{pi}^{pm }{pi}^{mp }) decays. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	0
676	Observation of the ({B}_s^0) -> D*□D? decay. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	2
675	Search for heavy neutral leptons in (W^+rightarrow mu ^{+}mu ^{pm }, text {jet}) decays. *European Physical Journal C*, **2021**, 81, 1	4.2	3
674	Measurement of CP Violation in the Decay B^{+}->K^{+}□{0}. *Physical Review Letters*, **2021**, 126, 091802	7.4	1
673	Observation of CP violation in two-body ({B}_{(s)}^0)-meson decays to charged pions and kaons. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	1
672	Measurement of CP observables in B□ -> D(*)K□ and B□ -> D(*)□ decays using two-body D final states. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	2
671	Search for the rare decay B 0 -> J/□*. *Chinese Physics C*, **2021**, 45, 043001	2.2	1
670	Measurement of the branching fraction of the ({{B} ^0} {rightarrow }{{D} ^+_{s}} {{pi } ^-}) decay. *European Physical Journal C*, **2021**, 81, 1	4.2	2
669	Angular Analysis of the B^{+}->K^{*+}□{+}□{-} Decay. *Physical Review Letters*, **2021**, 126, 161802	7.4	14
668	Observation of the □0->□+K+K□decay. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2021**, 815, 136172	4.2	0
667	Observation of the decay ({Lambda}_{mathrm{b}}^0) -> □1p□*Journal of High Energy Physics*, **2021** , 2021, 1	5.4	0
666	Searches for 25 rare and forbidden decays of D+ and ({D}_s^{+}) mesons. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	0
665	Angular analysis of ({B}^0to {D}^{ast -}{D}_s^{ast +}) with ({D}_s^{ast +}to {D}_s^{+}gamma) decays. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	

664	Search for CP violation in ({D}_{(s)}^{+}to {h}^{+}{pi}^0) and ({D}_{(s)}^{+}to {h}^{+}eta) decays. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	1
663	Evidence of a J/ψ structure and observation of excited Ξ states in the Ξ--->J/ψΛ- decay. *Science Bulletin*, **2021**, 66, 1278-1287	10.6	19
662	Observation of a new Ξb0 state. *Physical Review D*, **2021**, 103,	4.9	4
661	Study of ({mathrm{B}}_{mathrm{s}}^0) -> J/ψK+K- decays. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	2
660	First Observation of the Decay B_{s}^{0}->K^{-}π^{+}μ^{+}ν and a Measurement of |V_{ub}|/|V_{cb}|. *Physical Review Letters*, **2021**, 126, 081804	7.4	7
659	Measurement of differential (boverline{b})- and (coverline{c})-dijet cross-sections in the forward region of pp collisions at (sqrt{s}) = 13 TeV. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	1
658	Measurement of the CKM angle γ in B± -> DK± and B± -> D± decays with D -> ({K}_{mathrm{S}}^0)h+h- *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	0
657	Search for long-lived particles decaying to (e ^pm) (mu ^mp) (nu). *European Physical Journal C*, **2021**, 81, 1	4.2	3
656	Observation of new excited $${B} ^0_{s} $$ states. *European Physical Journal C*, **2021**, 81,	4.2	2
655	Precise measurement of the fs/fd ratio of fragmentation fractions and of Bs0 decay branching fractions. *Physical Review D*, **2021**, 104,	4.9	6
654	Observation of New Resonances Decaying to J/ψK^{+} and J/ψϕ. *Physical Review Letters*, **2021**, 127, 082001	7.4	11
653	Search for the doubly charmed baryon Ξ+cc. *Science China: Physics, Mechanics and Astronomy*, **2021**, 64, 1	3.6	0
652	Search for CP violation in Λb0->pKK-K+ decays. *Physical Review D*, **2021**, 104,	4.9	2
651	Search for the doubly heavy baryons and decaying to and *. *Chinese Physics C*, **2021**, 45, 093002	2.2	3
650	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. *Physical Review Letters*, **2021**, 127, 111801	7.4	0
649	Readout firmware of the Vertex Locator for LHCb Run 3 and beyond. *IEEE Transactions on Nuclear Science*, **2021**, 1-1	1.7	
648	Simultaneous determination of CKM angle γ and charm mixing parameters. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	0
647	Search for the doubly charmed baryon $$ {varXi}_{cc}^{+} $$ in the $$ {varXi}_c^{+}{pi}^{-}{pi}^{+} $$ final state. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	0

646	Updated search for $$ {B}_c^{+} $$ decays to two charm mesons. *Journal of High Energy Physics*, **2021**, 2021, 1	5.4	
645	Study of the lineshape of the □1(3872) state. *Physical Review D*, **2020**, 102,	4.9	18
644	Amplitude analysis of the B+->D+D□K+ decay. *Physical Review D*, **2020**, 102,	4.9	34
643	Constraints on the K_{S}^{0}->□{+}□{-} Branching Fraction. *Physical Review Letters*, **2020**, 125, 231801	7.4	1
642	Model-Independent Study of Structure in B^{+}->D^{+}D^{-}K^{+} Decays. *Physical Review Letters*, **2020**, 125, 242001	7.4	25
641	Search for the Rare Decays B_{s}^{0}->e^{+}e^{-} and B^{0}->e^{+}e^{-}. *Physical Review Letters*, **2020**, 124, 211802	7.4	4
640	Measurement of the branching fraction of the decay Bs0->KS0KS0. *Physical Review D*, **2020**, 102,	4.9	1
639	First observation of the decay B0->D0D□K+0□*Physical Review D*, **2020**, 102,	4.9	1
638	First branching fraction measurement of the suppressed decay □0->□+. *Physical Review D*, **2020**, 102,	4.9	3
637	Test of lepton universality with ({Lambda}_b^0to {pK}^{-}{mathrm{ell}}^{+}{mathrm{ell}}^{-}) decays. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	12
636	Observation of New □{c}^{0} Baryons Decaying to □{c}^{+}K^{-}. *Physical Review Letters*, **2020**, 124, 222001	7.4	10
635	First Observation of Excited □{b}^{-} States. *Physical Review Letters*, **2020**, 124, 082002	7.4	18
634	Phase I Upgrade of the Readout System of the Vertex Detector at the LHCb Experiment. *IEEE Transactions on Nuclear Science*, **2020**, 67, 732-739	1.7	4
633	Measurement of the ({Lambda}_b^0)-> J/□angular distribution and the ({Lambda}_b^0) polarisation in pp collisions. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	2
632	Measurement of CP-Averaged Observables in the B^{0}->K^{*0}□{+}□{-} Decay. *Physical Review Letters*, **2020**, 125, 011802	7.4	46
631	Measurement of CP observables in B□ -> DK□ and B□ -> D□ with D -> ({K}_{mathrm{S}}^0{K}^{pm }{pi}^{mp }) decays. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	2
630	Precision measurement of the ({varXi}_{cc}^{++}) mass. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	11
629	Measurement of ${{varXi_{cc}^{++}}}$ production in pp collisions at ${sqrt{ s}=13}$ TeV. *Chinese Physics C*, **2020**, 44, 022001	2.2	4

628	Determination of quantum numbers for several excited charmed mesons observed in B□>D*+□ decays. *Physical Review D*, **2020**, 101,	4.9	8
627	Amplitude analysis of the B+->□□□decay. *Physical Review D*, **2020**, 101,	4.9	19
626	Observation of Several Sources of CP Violation in B^{+}->□{+}□{+}□{-} Decays. *Physical Review Letters*, **2020**, 124, 031801	7.4	18
625	Measurement of $${psi {(2S)}} $$ production cross-sections in proton-proton collisions at $$sqrt{s} =7$$ and $$13text { TeV} $$. *European Physical Journal C*, **2020**, 80,	4.2	4
624	Measurement of |Vcb| with Bs0->Ds(*)□□decays. *Physical Review D*, **2020**, 101,	4.9	6
623	Measurement of the relative branching fractions of B+->h+h?+h?□decays. *Physical Review D*, **2020**, 102,	4.9	1
622	Measurement of the ({eta _{c}} (1S)) production cross-section in (p) (p) collisions at (sqrt{s} = 13) (, text {TeV}). *European Physical Journal C*, **2020**, 80, 1	4.2	9
621	Search for CP violation in ({{{varXi }} ^+_{c}} rightarrow {p} {{K} ^-} {{pi } ^+}) decays using model-independent techniques. *European Physical Journal C*, **2020**, 80, 1	4.2	7
620	Observation of the semileptonic decay $$ {B}^{+}to poverline{p}{mu}^{+}{nu}_{mu } $$. *Journal of High Energy Physics*, **2020**, 2020,	5.4	1
619	Measurement of CP violation in B0 -> D*□D? decays. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	0
618	Measurement of the shape of the ({B}_s^0to {D}_s^{ast -}{mu}^{+}{nu}_{mu }) differential decay rate. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	1
617	Search for the lepton flavour violating decay B+ -> K+□ using ({B}_{s2}^{ast 0}) decays. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	8
616	Observation of a new baryon state in the ({Lambda}_{mathrm{b}}^0{pi}^{+}{pi}^{-}) mass spectrum. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	7
615	Searches for low-mass dimuon resonances. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	10
614	Search for the doubly heavy ({Xi}_{bc}^0) baryon via decays to D0pK□*Journal of High Energy Physics*, **2020**, 2020, 1	5.4	2
613	Strong constraints on the b -> s□photon polarisation from B0 -> K*0e+e□decays. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	4
612	The upgrade I of LHCb VELO□towards an intelligent monitoring platform. *Journal of Instrumentation*, **2020**, 15, C06009-C06009	1	2
611	Search for the doubly charmed baryon (Xi_{cc}^+). *Science China: Physics, Mechanics and Astronomy*, **2020**, 63, 1	3.6	13

610	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at sqrt[s_{NN}]=8.16 TeV. *Physical Review Letters*, **2020**, 125, 212001	7.4	1
609	Observation of structure in the J/ψ pair mass spectrum. *Science Bulletin*, **2020**, 65, 1983-1993	10.6	71
608	Precision measurement of the ({B}_c^{+}) meson mass. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	1
607	Updated measurement of decay-time-dependent CP asymmetries in D0->K+K- and D0->π+π- decays. *Physical Review D*, **2020**, 101,	4.9	5
606	Isospin Amplitudes in Λ_{b}^{0}->J/ψ(Λ^{0}) and Λ_{b}^{0}->J/ψ(Σ^{0}) Decays. *Physical Review Letters*, **2020**, 124, 111802	7.4	2
605	Measurement of f_{s}/f_{u} Variation with Proton-Proton Collision Energy and B-Meson Kinematics. *Physical Review Letters*, **2020**, 124, 122002	7.4	7
604	Study of the ψ(3823) and χ1(3872) states in B+ -> (J/ψπ+π-)K+ decays. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	15
603	Search for CP violation and observation of P violation in Λb0->pπ- decays. *Physical Review D*, **2020**, 102,	4.9	4
602	Search for A^{'}->π{+}π{-} Decays. *Physical Review Letters*, **2020**, 124, 041801	7.4	60
601	Measurement of b hadron fractions in 13 TeV pp collisions. *Physical Review D*, **2019**, 100,	4.9	26
600	Measurement of the relative B→D0/D*0/D**0π branching fractions using B mesons from B s2*0 decays. *Physical Review D*, **2019**, 99,	4.9	2
599	Measurement of CP observables in the process B0 -> DK*0 with two- and four-body D decays. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	1
598	Search for the rare decay ({{{B} ^+}} !rightarrow {mu ^+} {mu ^-} {mu ^+} {{upnu } _mu }). *European Physical Journal C*, **2019**, 79, 1	4.2	8
597	Measurement of the CP-violating phase ? from Bs0->J/ψφ decays in 13 TeV pp collisions. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2019**, 797, 134789	4.2	2
596	Observation of the ({Lambda}_{mathrm{b}}^0to {upchi}_{mathrm{c}1}) (3872) pK decay. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	5
595	Measurement of the Charm-Mixing Parameter y_{CP}. *Physical Review Letters*, **2019**, 122, 011802	7.4	8
594	Search for CP Violation in D_{s}^{+}->K_{S}^{0}π{+}, D^{+}->K_{S}^{0}K^{+}, and D^{+}->?π{+} Decays. *Physical Review Letters*, **2019**, 122, 191803	7.4	2
593	Observation of B_{(s)}^{0}->J/ψp[over ¯] Decays and Precision Measurements of the B_{(s)}^{0} Masses. *Physical Review Letters*, **2019**, 122, 191804	7.4	4

592	Measurement of B+, B0 and B0 production in pPb collisions at sNN=8.16 TeV. *Physical Review D*, **2019**, 99,	4.9	12
591	Observation of CP Violation in Charm Decays. *Physical Review Letters*, **2019**, 122, 211803	7.4	51
590	Observation of a Narrow Pentaquark State, P_{c}(4312)^{+}, and of the Two-Peak Structure of the P_{c}(4450)^{+}. *Physical Review Letters*, **2019**, 122, 222001	7.4	199
589	Observation of an Excited B_{c}^{+} State. *Physical Review Letters*, **2019**, 122, 232001	7.4	18
588	Search for Lepton-Universality Violation in B^{+}->K^{+}{+}{-} Decays. *Physical Review Letters*, **2019**, 122, 191801	7.4	137
587	Observation of the doubly Cabibbo-suppressed decay + c -> p?. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	2
586	Model-Independent Observation of Exotic Contributions to B^{0}->J/K^{+}{-} Decays. *Physical Review Letters*, **2019**, 122, 152002	7.4	13
585	Search for CP violation through an amplitude analysis of D0 -> K+K decays. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	2
584	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. *Physical Review Letters*, **2019**, 122, 132002	7.4	17
583	Measurement of the mass and production rate of baryons. *Physical Review D*, **2019**, 99,	4.9	9
582	Measurement of the branching fractions of the decays D+ -> K+K+, D+ -> K+ and D s + -> K+K+. *Journal of High Energy Physics*, **2019**, 2019,	5.4	3
581	Study of the B0 -> (770) K*(892)0 decay with an amplitude analysis of B0 -> (K+) decays. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	2
580	Measurement of the ratio of branching fractions of the decays 0 b -> (2S) and 0 b -> J/ *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	1
579	Dalitz plot analysis of the D+ -> K+K+ decay. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	4
578	Precision measurement of the +, +, and 0 baryon lifetimes. *Physical Review D*, **2019**, 100,	4.9	14
577	Amplitude analysis of B 0 s -> K 0 S K decays. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	5
576	First Observation of the Radiative Decay {b}^{0}-> *Physical Review Letters*, **2019**, 123, 031801	7.4	7
575	Measurement of the branching fraction and (C!P) asymmetry in ({{{B} ^+}} !rightarrow {{J /psi }} {{rho } ^+}) decays. *European Physical Journal C*, **2019**, 79, 1	4.2	1

574	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. *Physical Review Letters*, **2019**, 122, 231802	7.4	39
573	Near-threshold (mathrm{D}overline{mathrm{D}}) spectroscopy and observation of a new charmonium state. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	16
572	Amplitude analysis of the ({B}_{(s)}^0to {K}^{ast 0}{overline{K}}^{ast 0}) decays and measurement of the branching fraction of the ({B}^0to {K}^{ast 0}{overline{K}}^{ast 0}) decay. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	3
571	Observation of New Resonances in the □{b}^{0}□{+}□{-} System. *Physical Review Letters*, **2019**, 123, 152001	7.4	22
570	LHCb VELO Timepix3 telescope. *Journal of Instrumentation*, **2019**, 14, P05026-P05026	1	5
569	Updated measurement of time-dependent (CP)-violating observables in ({{B} ^0_{s}} rightarrow J/psi K^+ K^-) decays. *European Physical Journal C*, **2019**, 79, 1	4.2	7
568	Measurements of CP asymmetries in charmless four-body ({varLambda } ^0_{b}) and ({varXi } ^0_{b}) decays. *European Physical Journal C*, **2019**, 79, 1	4.2	6
567	Prompt □+c production in pPb collisions at (sqrt{s_{mathrm{NN}}}=5.02) TeV. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	10
566	A search for ({Xi}_{mathrm{cc}}^{++})-> D+pK□ decays. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	5
565	Measurement of CP violation in the ({B}_s^0to phi phi) decay and search for the B0-> ?? decay. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	0
564	Measurement of the Bc□meson production fraction and asymmetry in 7 and 13 TeV pp collisions. *Physical Review D*, **2019**, 100,	4.9	4
563	Search for the Lepton-Flavor-Violating Decays B_{s}^{0}->□{□}□{?} and B^{0}->□{□}□{?}. *Physical Review Letters*, **2019**, 123, 211801	7.4	13
562	Search for Lepton-Flavor Violating Decays B^{+}->K^{+}□{□}e^{?}. *Physical Review Letters*, **2019**, 123, 241802	7.4	8
561	Measurement of CP-Violating and Mixing-Induced Observables in B_{s}^{0}->?□Decays. *Physical Review Letters*, **2019**, 123, 081802	7.4	2
560	Amplitude Analysis of B^{□}->□{□}K^{+}K^{-} Decays. *Physical Review Letters*, **2019**, 123, 231802	7.4	14
559	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at sqrt[s]=8 TeV. *Physical Review Letters*, **2019**, 123, 232001	7.4	3
558	Observation of Two Resonances in the □{b}^{0}□{□} Systems and Precise Measurement of □{b}^{□} and □{b}^{*□} Properties. *Physical Review Letters*, **2019**, 122, 012001	7.4	29
557	Search for excited B + c states. *Journal of High Energy Physics*, **2018**, 2018, 1	5.4	13

556	Search for Dark Photons Produced in 13□TeV pp Collisions. *Physical Review Letters*, **2018**, 120, 061801	7.4	75
555	First observation of forward Z->bb□production in pp collisions at s=8□TeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2018**, 776, 430-439	4.2	1
554	Measurement of CP observables in B□->D(?)K□ and B□->D(?)□ decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2018**, 777, 16-30	4.2	10
553	A measurement of the CP asymmetry difference between □c + -> pK□□+ and p□ decays. *Journal of High Energy Physics*, **2018**, 2018,	5.4	9
552	Measurement of CP asymmetry in B 0 s -> D ? s K□ decays. *Journal of High Energy Physics*, **2018**, 2018, 1	5.4	4
551	Search for the lepton-flavour violating decays B 0(s) -> e□□. *Journal of High Energy Physics*, **2018**, 2018, 1	5.4	15
550	First measurement of the CP-violating phase ({phi}_s^{doverline{d}}) in B 0 s -> (K+□)(K□) decays. *Journal of High Energy Physics*, **2018**, 2018, 1	5.4	6
549	Test of lepton flavor universality by the measurement of the B0->D*□□branching fraction using three-prong □decays. *Physical Review D*, **2018**, 97,	4.9	106
548	Measurement of the Ratio of the B^{0}->D^{*-}□^{+}□^{□and B^{0}->D^{*-}□^{+}□^{□Branching Fractions Using Three-Prong □Lepton Decays. *Physical Review Letters*, **2018**, 120, 171802	7.4	126
547	Measurement of the Ratio of Branching Fractions B(B_{c}^{+}->J/□^{+}□^{□)/B(B_{c}^{+}->J/□^{+}□^{□). *Physical Review Letters*, **2018**, 120, 121801	7.4	109
546	Search for Bc+ decays to two charm mesons. *Nuclear Physics B*, **2018**, 930, 563-582	2.8	4
545	Measurement of the Lifetime of the Doubly Charmed Baryon □{cc}^{++}. *Physical Review Letters*, **2018**, 121, 052002	7.4	44
544	Measurement of branching fractions of charmless four-body □0 b and □0 b decays. *Journal of High Energy Physics*, **2018**, 2018, 1	5.4	8
543	Observation of the decay □0->□+pp?□*Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2018**, 784, 101-111	4.2	7
542	Observation of a New □{b}^{-} Resonance. *Physical Review Letters*, **2018**, 121, 072002	7.4	50
541	Evidence for the Rare Decay □^{+}->p□^{+}□^{-}. *Physical Review Letters*, **2018**, 120, 221803	7.4	8
540	Central exclusive production of J/□and □(2S) mesons in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV. *Journal of High Energy Physics*, **2018**, 2018,	5.4	13
539	Measurement of the time-integrated CP asymmetry in D0 -> K 0 S K 0 S decays. *Journal of High Energy Physics*, **2018**, 2018, 1	5.4	4

538	Study of ? production in pPb collisions at (sqrt{s_{mathrm{NN}}}=8.16) TeV. *Journal of High Energy Physics*, **2018**, 2018, 1	5.4	8
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