

# Claudio Gotti

## List of Publications by Year in descending order

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421  
papers

17,325  
citations

19657

61  
h-index

19190

118  
g-index

425  
all docs

425  
docs citations

425  
times ranked

9922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of Lepton Universality Using $B \rightarrow K^* \mu^+ \mu^-$ Observation of $B \rightarrow K^* \mu^+ \mu^-$	7.8	845
2	Resonances Consistent with Pentaquark States in $J/\psi \rightarrow p \bar{p}$	7.8	816
3	$B \rightarrow K^* \mu^+ \mu^-$		



#	ARTICLE	IF	CITATIONS
19	Measurement of the branching fraction and effective lifetime and search for $B \rightarrow K^* \ell \ell$ decays. <i>Physical Review Letters</i> , 2017, 116, 11601. <a href="https://arxiv.org/abs/1608.05086">https://arxiv.org/abs/1608.05086</a>	7.8	220
20	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \ell \ell$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	206
21	Angular analysis and differential branching fraction of the decay $B \rightarrow K^* \ell \ell$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	191
22	Search for Neutrinoless Double-Beta Decay of $^{130}\text{Te}$ . <i>Physical Review Letters</i> , 2015, 115, 161802.	7.8	189
23	Search for Hidden Sector Bosons in $^{130}\text{Te}$ . <i>Physical Review Letters</i> , 2015, 115, 161802.	7.8	138
24	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	137
25	Improved Limit on Neutrinoless Double-Beta Decay in $^{130}\text{Te}$ . <i>Physical Review Letters</i> , 2020, 124, 122501.	7.8	133
26	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2631.	3.9	117
27	Evidence for Exotic Hadron Contributions to $B \rightarrow K^* \ell \ell$ . <i>Physical Review Letters</i> , 2016, 117, 082003.	2.5	114
28	Searching for Neutrinoless Double-Beta Decay of $^{130}\text{Te}$ with CUORE. <i>Advances in High Energy Physics</i> , 2015, 2015, 1-13.	7.8	110
29	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015, 11, 743-747.	1.1	109
30	Wide-angle independent evidence for $B \rightarrow K^* \ell \ell$ contributions. <i>Physical Review Letters</i> , 2016, 117, 082003.	16.7	105
31	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	7.8	102
32	Dalitz plot analysis of $B \rightarrow K^* \ell \ell$ . <i>Physical Review D</i> , 2014, 90, 114011.	4.7	100
33	The projected background for the CUORE experiment. <i>European Physical Journal C</i> , 2017, 77, 1.	4.7	99
34	First Result on the Neutrinoless Double-Beta Decay of $^{130}\text{Te}$ . <i>Physical Review Letters</i> , 2015, 115, 161802.	3.9	90
35	Exploring the neutrinoless double beta decay in the inverted neutrino hierarchy with bolometric detectors. <i>European Physical Journal C</i> , 2014, 74, 1.	7.8	89
36		3.9	85

#	ARTICLE	IF	CITATIONS
37	Differential branching fraction and angular analysis of $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, . Search for the Decays $B \rightarrow K^* \ell^+ \ell^-$	4.7	82
38	and $B \rightarrow K^* \ell^+ \ell^-$ Dalitz plot analysis of $B \rightarrow K^* \ell^+ \ell^-$	7.8	81
39	Dalitz plot analysis of $B \rightarrow K^* \ell^+ \ell^-$	7.8	80
40	Search for Structure in the $B \rightarrow K^* \ell^+ \ell^-$ Physical Review D, 2015, 92, .	4.7	80
41	Search for $B \rightarrow K^* \ell^+ \ell^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	4.7	78
42	Study of the production of $B \rightarrow K^* \ell^+ \ell^-$ and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
43	Measurements of the S-wave fraction in $B \rightarrow K^* \ell^+ \ell^-$ decays and the $B \rightarrow K^* \ell^+ \ell^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
44	Search for Majorana neutrinos exploiting millikelvin cryogenics with CUORE. Nature, 2022, 604, 53-58.	27.8	74
45	Pulse shape discrimination for Gerda Phase I data. European Physical Journal C, 2013, 73, 1.	3.9	73
46	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ production cross-section in proton-antiproton collisions via		

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55	Measurement of $C$ violation in $B \rightarrow S$ decays. <i>Physical Review Letters</i> , 2016, 116, 111801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>Violation in $B \rightarrow S$ decays. <i>Physical Review Letters</i> , 2016, 116, 111801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mi>S</mml:mi></mml:mrow></mml:math>	7.8	65
56	Analysis techniques for the evaluation of the neutrinoless double beta decay lifetime in $^{130}\text{Te}$ . <i>Physical Review C</i> , 2016, 93, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> <mml:math></mml:math></mml:math>with the CUORE-0 detector. <i>Physical Review C</i> , 2016, 93, .	2.9	64
57	CUORE-0 detector: design, construction and operation. <i>Journal of Instrumentation</i> , 2016, 11, P07009-P07009.	1.2	64
58	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017, 13, 391-396.	16.7	64
59	CUORE crystal validation runs: Results on radioactive contamination and extrapolation to CUORE background. <i>Astroparticle Physics</i> , 2012, 35, 839-849.	4.3	62
60	First array of enriched $^{82}\text{Se}$ bolometers to search for double beta decay. <i>European Physical Journal C</i> , 2016, 76, 364.	3.9	62
61	Measurement of $B_c$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2011, 106, 111801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:math>	7.8	61
62	Search for the rare decays $B \rightarrow S \gamma$ . <i>Physical Review Letters</i> , 2011, 106, 111801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mrow><mml:msubsup><mml:mi>â</mml:mi></mml:msubsup></mml:mrow></mml:math>	4.1	60
63	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 699, 330-340.	4.7	60
64	Measurement of forward $W$ and $Z$ boson production in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, .	4.7	59
65	The COSINUS project: perspectives of a NaI scintillating calorimeter for dark matter search. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	58
66	Observation of a Resonance in $B \rightarrow B^* \gamma$ at Low Recoil. <i>Physical Review Letters</i> , 2013, 111, 112003.	7.8	47
67	CUPID-0: the first array of enriched scintillating bolometers for $^0\text{u}$ $\eta$ $\eta$ $\hat{1}/2$ $\hat{1}^2$ $\hat{1}^2$ decay investigations. <i>European Physical Journal C</i> , 2018, 78, 428.	3.9	56
68	Production, characterization and operation of $^{76}\text{Ge}$ enriched BEGe detectors in GERDA. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	55
69	Study of the $D^0 \rightarrow p$ amplitude in $\hat{1} b^0 \rightarrow \hat{1} D^0 \rightarrow \hat{1} p$ decays. <i>Journal of High Energy Physics</i> , 2017, 2017, 14.7	4.7	54
70	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017, 77, 224.	3.9	54
71	Measurement of $\psi(2S)$ $\hat{1} (2S)$ polarisation in $pp$ collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2014, 74, 2872.	3.9	53
72	Current Status and Future Perspectives of the LUCIFER Experiment. <i>Advances in High Energy Physics</i> , 2013, 2013, 1-15.	1.1	52

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73	Initial performance of the CUORE-0 experiment. European Physical Journal C, 2014, 74, 1.	3.9	52
74	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
75	Measurement of the exclusive $\bar{\nu}_\tau$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
76	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ K^- K^0$ decay. European Physical Journal C, 2017, 77, 161.	3.9	51
77	First observation and amplitude analysis of the $B^0 \rightarrow K^+ K^- K^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	50
78	Measurements of long-range near-side angular correlations in proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	4.1	49
79	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	7.8	47
80	Study of prompt $D^0$ meson production in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
81	Background model of the CUPID-0 experiment. European Physical Journal C, 2019, 79, 1.	3.9	45
82	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	3.9	44
83	Decay of $Se^{82}$ . European Physical Journal C, 2015, 75, 152.	3.9	44
84	Study of $\chi_{c0}$ $\rightarrow b$ meson production in pp collisions at $\sqrt{s} = 7$ and $8$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	43
85	Asymmetries in $C^0$ and $P^0$ decays. European Physical Journal C, 2015, 75, 152.	7.8	42
86	Double-beta decay investigation with highly pure enriched $^{82}Se$ for the LUCIFER experiment. European Physical Journal C, 2015, 75, 591.	3.9	41
87	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
88	CLARO-CMOS, a very low power ASIC for fast photon counting with pixellated photodetectors. Journal of Instrumentation, 2012, 7, P11026-P11026.	1.2	40
89	Measurement of the CP-violating phase $\arg(\frac{V_{cb} V_{cd}^*}{V_{ub} V_{ud}^*})$ . Journal of High Energy Physics, 2016, 2016, 1.	4.1	40
90	Enriched $TeO_2$ bolometers with active particle discrimination: Towards the CUPID experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 321-329.	4.1	40

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91	Precision Measurement of the Mass and Lifetime of the $\Lambda_c^+$ . Physical Review Letters, 2014, 113, 032001.	7.8	39
92	Study of the kinematic dependences of $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ production in pp collisions and a measurement of the $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
93	Study of $J/\psi$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
94	A front-end electronic system for large arrays of bolometers. Journal of Instrumentation, 2018, 13, P02026-P02026.	1.2	39
95	Measurement of the forward-backward asymmetry in $Z \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
96	Production of associated $\Upsilon$ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	4.7	37
97	Precision Measurement of the Mass and Lifetime of the $\Lambda_c^+$ Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
98	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \tau^+ \tau^-$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
99	Analysis of cryogenic calorimeters with light and heat read-out for double beta decay searches. European Physical Journal C, 2018, 78, 734.	3.9	36
100	Observation of the $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
101	Model-independent confirmation of the $Z \rightarrow \tau^+ \tau^-$ decay. Physical Review Letters, 2015, 114, 031801.	5.6	35
102	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
103	First Measurement of the Partial Widths of $B_c$ Decay to the Ground and to the First Excited State. Physical Review Letters, 2017, 118, 192001.	7.8	34
104	Measurement of the flavour-specific CP-violating asymmetry in $B_c \rightarrow \tau^+ \tau^-$ decays. Physical Review Letters, 2017, 118, 192001.	4.1	34
105	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
106	Angular moments of the decay $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
107	Study of $\Upsilon$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
108	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33

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109	Precision measurement of the $\chi^2$ mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
110	Measurement of the Semileptonic Asymmetry in $B \rightarrow \pi \ell \nu$ . Journal of High Energy Physics, 2015, 2015, 1.	7.8	32
111	Search for the lepton flavour violating decay $\tilde{l}_i \rightarrow \tilde{l}_j \gamma$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	31
112	Measurement of the ratio of fractions to $B \rightarrow \pi \ell \nu$ . Journal of High Energy Physics, 2015, 2015, 1.	4.1	31
113	Search for Violations of Lorentz Invariance and Symmetry in $B \rightarrow \pi \ell \nu$ . Journal of High Energy Physics, 2015, 2015, 1.	7.8	31
114	Symmetry in $B \rightarrow \pi \ell \nu$ . Journal of High Energy Physics, 2015, 2015, 1.	3.9	31
115	CUORE sensitivity to $0\nu\beta\beta$ decay. European Physical Journal C, 2017, 77, 1.	3.6	30
116	First bolometric measurement of the two neutrino double beta decay of $^{100}\text{Mo}$ with a $\text{ZnMoO}_4$ crystals array. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 075204.	4.7	30
117	Amplitude analysis of $B \rightarrow \pi \ell \nu$ . Journal of High Energy Physics, 2015, 2015, 1.	7.8	30
118	Measurement of $B \rightarrow \pi \ell \nu$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
119	Forward production of $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
120	Angular analysis of the $B \rightarrow K^* e^+ e^-$ decay in the low- $q^2$ region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
121	Measurement of the lifetime of the $B_c$ . Journal of High Energy Physics, 2015, 2015, 1.	7.8	29
122	Measurement of the CKM angle $\beta$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	7.8	29
123	Measurement of the Decay Half-Life of $B_c$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	28
124	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	7.8	28
125	First Observation of a Baryonic $B_c$ Decay. Physical Review Letters, 2014, 113, 152003.	4.7	28



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127	Studies of the resonance structure in $B^0 \rightarrow K^* \pi^+ \pi^- \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	3.9	28
128	Angular analysis of the rare decay $B^0 \rightarrow K^* \pi^+ \pi^-$ . Journal of High Energy Physics, 2021, 2021, 1.	4.7	28
129	Measurement of CP violation and constraints on the CKM angle $\beta^3$ in $B^0 \rightarrow K^* \pi^+ \pi^-$ decays. Nuclear Physics B, 2014, 888, 169-193.	2.5	27
130	Evidence for $B^0 \rightarrow K^* \pi^+ \pi^-$ violation in $B^0 \rightarrow K^* \pi^+ \pi^-$ decays. $C \langle P \rangle$	7.8	27
131	Oscillations in $B^0 \rightarrow K^* \pi^+ \pi^-$ decays. $D \langle \Delta \rangle$	7.8	27
132	Results from the first cryogenic NaI detector for the COSINUS project. Journal of Instrumentation, 2017, 12, P11007-P11007.	1.2	27
133	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^* \pi^+ \pi^-$ and $B^+ \rightarrow K^* \pi^+ \pi^-$ . Journal of High Energy Physics, 2014, 2014, .	4.7	26
134	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
135	Angular analysis of charged and neutral $B^0 \rightarrow K^* \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
136	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
137	Search of the neutrino-less double beta decay of $^{82}\text{Se}$ into the excited states of $^{82}\text{Se}$ . European Physical Journal C, 2018, 78, 888.	3.9	26
138	Response of microchannel plates to single particles and to electromagnetic showers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 797, 216-221.	1.6	25
139	Observation of $B^0 \rightarrow K^* \pi^+ \pi^-$ decays. $B \langle \Delta \rangle$	7.8	25
140	Observation of $B^0 \rightarrow K^* \pi^+ \pi^-$ decays. $B \langle \Delta \rangle$	7.8	25
141	Volume III. DUNE far detector technical coordination. Journal of Instrumentation, 2020, 15, T08009-T08009.	1.2	25
142	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
143	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
144	Observations of $B^0 \rightarrow K^* \pi^+ \pi^-$ and $B^0 \rightarrow K^* \pi^+ \pi^-$ decays and searches for other $B^0$ and $\bar{B}^0$ decays to $B^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24

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145	First search for Lorentz violation in double beta decay with scintillating calorimeters. Physical Review D, 2019, 100, .	4.7	24
146	The $0\nu\bar{2}\bar{2}$ -decay CROSS experiment: preliminary results and prospects. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
147	Observation of a new baryon state in the $\Lambda_{\text{b}}^0$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
148	Measurement of the $B^0 \rightarrow B^0$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	4.1	23
149	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
150	Search of Neutrinoless Double Beta Decay with the GERDA Experiment. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1876-1882.	0.5	23
151	Model-independent search for CP violation in $D^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	22
152	Measurement of the CKM angle $\beta$ using $B^0 \rightarrow D^+ D^- K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
153	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
154	Study of $W$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	22
155	Asymmetry in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	7.8	22
156	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
157	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B(5747)^{0,+}$ states and observation of $B^+ \rightarrow K^+ \pi^0$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21
158	A precise measurement of the $B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
159	Measurement of the properties of the $\Lambda_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
160	Observation of $D^0 \rightarrow K^+ K^-$ Meson Decays to $K^+ K^-$ and $K^0 \bar{K}^0$ . Physical Review Letters, 2017, 119, 181805.	7.8	21
161	Search for the lepton-flavour violating decays $B^0 \rightarrow s \ell^+ \ell^-$ . Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
162	Characterization of cubic $\text{Li}_2\text{MoO}_4$ crystals for the CUPID experiment. European Physical Journal C, 2021, 81, 1.	3.9	21

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163	Measurement of the $\tilde{t} b$ (3P) mass and of the relative rate of $\tilde{t} b$ (1P) and $\tilde{t} b$ (2P) production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
164	An Aboveground Pulse-Tube-Based Bolometric Test Facility for the Validation of the LUMINEU $\text{ZnMoO}_4$ Crystals. Journal of Low Temperature Physics, 2014, 176, 571-577.	1.4	20
165	Search for CP violation in $B \rightarrow D^* K^* S$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	4.7	20
166	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^- \nu_e$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20
167	Measurement of CP observables in $B \rightarrow D^* K^* S$ and $B \rightarrow D^* K^* S$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	4.1	20
168	Studies of the resonance structure in $B \rightarrow D^* K^* S$ decays. Physical Review D, 2016, 93, .	4.7	20
169	Measurement of the CP Violation Parameter $A^{\tilde{t}}$ in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
170	Characterization of the Hamamatsu H12700A-03 and R12699-03 multi-anode photomultiplier tubes. Journal of Instrumentation, 2015, 10, P09021-P09021.	1.2	19
171	Very low noise AC/DC power supply systems for large detector arrays. Review of Scientific Instruments, 2015, 86, 124703.	1.3	19
172	Resonances and CP violation in $B \rightarrow D^* K^* S$ decays in the mass region above the $\tilde{t} b$ (1020). Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
173	Measurement of CP violation in $B \rightarrow D^* K^* S$ decays. Physical Review D, 2014, 90, .	4.7	18
174	Characterization of the Hamamatsu R11265-103-M64 multi-anode photomultiplier tube. Journal of Instrumentation, 2014, 9, P06021-P06021.	1.2	18
175	Measurement of forward $W^+ e^{\frac{1}{2}}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
176	$\tilde{t} c_1$ and $\tilde{t} c_2$ Resonance Parameters with the Decays $\tilde{t} c_1, c_2 \rightarrow J/\psi \mu^+ \mu^-$ . Physical Review Letters, 2017, 119, 221801.	1.8	18
177	A high precision pulse generation and stabilization system for bolometric experiments. Journal of Instrumentation, 2018, 13, P02029-P02029.	1.2	18
178	Single photon detection with SiPMs irradiated up to $10^{14}$ 1-MeV-equivalent neutron fluence. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 922, 243-249.	1.6	18
179	A fast and low noise charge sensitive preamplifier in 90 nm CMOS technology. Journal of Instrumentation, 2012, 7, C01003-C01003.	1.2	17
180	Observation of $B^0 \rightarrow \bar{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17

#	ARTICLE	IF	CITATIONS
181	Search for the decay $B_s^0 \rightarrow D^0 \gamma$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
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