

# Claudio Gotti

## List of Publications by Year in descending order

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Version: 2024-02-01

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	CUORE opens the door to tonne-scale cryogenics experiments. Progress in Particle and Nuclear Physics, 2022, 122, 103902.	14.4	16
2	Study of $B_c^+$ decays to charmonia and three light hadrons. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
3	Measurement of $\Upsilon(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
4	Observation of $\Lambda_b^0 \rightarrow D^+ \pi^- \bar{\nu}_e \nu_e$ and $\Lambda_b^0 \rightarrow D^{*+} \pi^- \bar{\nu}_e \nu_e$ decays. Journal of High Energy Physics, 2022, 2022, 1.	4.7	0
5	A laboratory course on detector readout for undergraduate students of experimental physics. European Journal of Physics, 2022, 43, 035804.	0.6	0
6	Search for Majorana neutrinos exploiting millikelvin cryogenics with CUORE. Nature, 2022, 604, 53-58.	27.8	74
7	Search for massive long-lived particles decaying semileptonically at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, .	3.9	2
8	Search for the decay $B^0 \rightarrow \bar{\nu}_e \nu_e$ . Journal of High Energy Physics, 2022, 2022, 1.	4.7	1
9	ALDO2, a multi-function rad-hard linear regulator for SiPM-based HEP detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 167028.	1.6	0
10	Search for neutrinoless $^{120}\text{Te}$ EC decay of $^{120}\text{Te}$ with CUORE. Physical Review C, 2022, 105, .	2.9	1
11	Expected sensitivity to $^{128}\text{Te}$ neutrinoless double beta decay with the CUORE TeO <sub>2</sub> cryogenic bolometers. Journal of Low Temperature Physics, 2022, 209, 788-795.	1.4	1
12	Characterization of cubic $\text{Li}_2\text{MoO}_4$ crystals for the CUPID experiment. European Physical Journal C, 2021, 81, 1.	3.9	21
13	Search for double $\beta$ -decay modes of $^{64}\text{Zn}$ using purified zinc. European Physical Journal C, 2021, 81, 1.	3.9	5
14	A CUPID $\text{Li}_2^{100}\text{MoO}_4$ scintillating bolometer tested in the CROSS underground facility. Journal of Instrumentation, 2021, 16, P02037-P02037.	1.2	16
15	Search for long-lived particles decaying to $e^+ \mu^- \nu_e \nu_\mu$ . European Physical Journal C, 2021, 81, 1.	3.9	9
16	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^-$ , ext $\{jet\}$ decays. European Physical Journal C, 2021, 81, 1.	3.9	15
17	Measurement of CP observables in $B_{\pm}^0 \rightarrow D^{(*)} K_{\pm}^0$ and $B_{\pm}^0 \rightarrow D^{(*)} \bar{K}_{\pm}^0$ decays using two-body D final states. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
18	Search for the rare decay $B^0 \rightarrow J/\psi^* \pi^0$ . Chinese Physics C, 2021, 45, 043001.	3.7	2

#	ARTICLE	IF	CITATIONS
19	Measurement of the $\chi$ decay half-life of $\chi_{c1}$ . Journal of High Energy Physics, 2021, 1. $\chi_{c1} \rightarrow \chi_{c0} \gamma$	7.8	29
20	Observation of the decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ . Journal of High Energy Physics, 2021, 1.	4.7	1
21	Phonon-mediated crystal detectors with metallic film coating capable of rejecting $\gamma$ and $\beta$ events induced by surface radioactivity. Applied Physics Letters, 2021, 118, .	3.3	9
22	Novel technique for the study of pileup events in cryogenic bolometers. Physical Review C, 2021, 104, .	2.9	16
23	Test beam characterization of sensor prototypes for the CMS Barrel MIP Timing Detector. Journal of Instrumentation, 2021, 16, P07023.	1.2	2
24	An automated system to define the optimal operating settings of cryogenic calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1008, 165451.	1.6	5
25	Search for the doubly charmed baryon $\chi_{cc}^+$ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	10
26	Background identification in cryogenic calorimeters through $\alpha$ - $\alpha$ delayed coincidences. European Physical Journal C, 2021, 81, 722.	3.9	7
27	Enhancement of the X-Arapuca photon detection device for the DUNE experiment. Journal of Instrumentation, 2021, 16, P09027.	1.2	13
28	Measurement of $^{216}\text{Po}$ half-life with the CUPID-0 experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136642.	4.1	5
29	Angular analysis of the rare decay $B_s^0 \rightarrow \Lambda_c^+ \pi^-$ . Journal of High Energy Physics, 2021, 2021, 1.	4.7	28
30	Characterisation of signal-induced noise in Hamamatsu R11265 Multianode Photomultiplier Tubes. Journal of Instrumentation, 2021, 16, P11030.	1.2	2
31	First measurement of the CP-violating phase in $B^0 \rightarrow \pi^+ \pi^-$ . Journal of High Energy Physics, 2021, 2021, 1. $\arg(B^0 \rightarrow \pi^+ \pi^-) = 1.784314 \pm 0.000002$	3.9	2
32	The neutrinoless double beta decay CROSS experiment: demonstrator with surface sensitive bolometers. Journal of Physics: Conference Series, 2021, 2156, 012157.	0.4	0
33	Optimization of a single module of CUPID. Journal of Physics: Conference Series, 2021, 2156, 012228.	0.4	0
34	Search for the doubly charmed baryon $\chi_{cc}^+$ in the $\chi_{cc}^+ \rightarrow \chi_{cc}^+ \pi^+ \pi^-$ final state. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
35	Updated search for $B_c^+$ decays to two charm mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
36	Searching for New Physics in two-neutrino double beta decay with CUPID. Journal of Physics: Conference Series, 2021, 2156, 012233.	0.4	1

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37	Photon detectors and front-end electronics for RICH detectors in high particle density environments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 952, 161788.	1.6	0
38	CUPID-0: A double-readout cryogenic detector for Double Beta Decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162441.	1.6	1
39	High-Resolution Digitization System for the CROSS Experiment. Journal of Low Temperature Physics, 2020, 199, 833-839.	1.4	6
40	CUORE: The first bolometric experiment at the ton scale for the search for neutrino-less double beta decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162440.	1.6	2
41	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
42	Lowering the Energy Threshold of the CUORE Experiment: Benefits in the Surface Alpha Events Reconstruction. Journal of Low Temperature Physics, 2020, 200, 321-330.	1.4	4
43	Search for neutrinoless double beta decay of $^{64}\text{Zn}$ and $^{70}\text{Zn}$ with CUPID-0. European Physical Journal C, 2020, 80, 1.	3.9	12
44	Volume III. DUNE far detector technical coordination. Journal of Instrumentation, 2020, 15, T08009-T08009.	1.2	25
45	Efficient, fast and reabsorption-free perovskite nanocrystal-based sensitized plastic scintillators. Nature Nanotechnology, 2020, 15, 462-468.	31.5	226
46	A low noise and low power cryogenic amplifier for single photoelectron sensitivity with large arrays of SiPMs. Journal of Instrumentation, 2020, 15, P01008-P01008.	1.2	10
47	Improved limit on Neutrinoless Double-Beta Decay in $^{130}\text{Te}$ with CUORE. Physical Review Letters, 2020, 124, 122501.	7.8	133
48	COSINUS: Cryogenic Calorimeters for the Direct Dark Matter Search with NaI Crystals. Journal of Low Temperature Physics, 2020, 200, 428-436.	1.4	4
49	Precision measurement of the $\chi_{cc}^{++}$ mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
50	First results from the CUORE experiment. Journal of Physics: Conference Series, 2020, 1342, 012002.	0.4	1
51	Results of the first NaI scintillating calorimeter prototypes by COSINUS. Journal of Physics: Conference Series, 2020, 1342, 012099.	0.4	4
52	Initial performance of the CUORE detector. Journal of Physics: Conference Series, 2020, 1342, 012114.	0.4	0
53	The CUORE Detector and Results. Journal of Low Temperature Physics, 2020, 199, 519-528.	1.4	14
54	The $0\nu\beta\beta$ -decay CROSS experiment: preliminary results and prospects. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24

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55	Observation of a new baryon state in the $\Lambda_{\mathrm{b}}^0 \pi^+ \pi^-$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
56	Measurement of the $\eta_{\mathrm{c}}(1\mathrm{S})$ production cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	17
57	Search for CP violation in $\chi_{\mathrm{c}}^+ \rightarrow \{K^+\} \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	3.9	14
58	Perspectives of lowering CUORE thresholds with Optimum Trigger. Journal of Physics: Conference Series, 2020, 1643, 012020.	0.4	1
59	Results on $^{82}\mathrm{Se}$ with CUPID-0 Phase I. Journal of Physics: Conference Series, 2020, 1643, 012025.	0.4	1
60	Status and results from the CUORE experiment. International Journal of Modern Physics A, 2020, 35, 2044016.	1.5	0
61	Observation of the semileptonic decay $B^+ \rightarrow \overline{p} \mu^+ \mu^-$ . Journal of High Energy Physics, 2020, 2020, .	4.7	4
62	Single photon time resolution of photodetectors at high rate: Hamamatsu R13742 MaPMT and R10754 MCP-PMT. Journal of Instrumentation, 2020, 15, P10031-P10031.	1.2	4
63	CUPID-0, challenges and achievements in the struggle of 0-background double-beta decay experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 519-522.	1.6	3
64	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
65	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
66	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \rho^+ \psi$ decays. European Physical Journal C, 2019, 79, 1.	3.9	3
67	Background model of the CUPID-0 experiment. European Physical Journal C, 2019, 79, 1.	3.9	45
68	Final Result of CUPID-0 Phase-I in the Search for the $^{82}\mathrm{Se}$ Neutrinoless Double- $\beta$ Decay. European Physical Journal C, 2019, 79, 1.	7.8	68
69	Double-beta decay of $^{130}\mathrm{Te}$ to the first excited state of $^{130}\mathrm{Xe}$ with CUORE-0. European Physical Journal C, 2019, 79, 1.	3.9	10
70	First search for Lorentz violation in double beta decay with scintillating calorimeters. Physical Review D, 2019, 100, .	4.7	24
71	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_{\mu}$ . European Physical Journal C, 2019, 79, 1.	3.9	11
72	Observation of the $\Lambda_{\mathrm{b}}^0 \rightarrow \chi_{\mathrm{c}1}$ (3872) $p \bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7

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73	Transformer Coupling and Its Modelling for the Flux-Ramp Modulation of rf-SQUIDs. Instruments, 2019, 3, 3.	1.8	1
74	Result on the Neutrinoless Double Beta Decay Search of $^{82}\text{Se}$ with the CUPID-0 Experiment. Universe, 2019, 5, 2.	2.5	0
75	Single State Dominance in the Two-Neutrino Double- $\beta$ Decay of $^{82}\text{Se}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 158-161.		44
76	CUORE: The first bolometric experiment at the ton scale for rare decay searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 158-161.	1.6	0
77	Results from the Cuore Experiment. Universe, 2019, 5, 10.	2.5	5
78	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
79	Search for excited $B_c^+$ states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
80	A front-end electronic system for large arrays of bolometers. Journal of Instrumentation, 2018, 13, P02026-P02026.	1.2	39
81	An innovative bolometric Cherenkov-light detector for a double beta decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 82-84.	1.6	4
82	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 4.7		13
83	Search for the lepton-flavour violating decays $B^0 \rightarrow \pi^+ \pi^- e^{\pm} \mu^{\mp}$ . Journal of High Energy Physics, 2018, 2018, 1.		21
84	First measurement of the CP-violating phase $\phi_{s^{\overline{d}}}$ in $B^0 \rightarrow \pi^+ \pi^- (K^+ \pi^-) (K^+ \pi^+)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
85	Measurement of the Ratio of the Branching Fractions $\frac{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^-)}{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^+)}$ and $\frac{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^-)}{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^+)}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 82-84.	1.6	4
86	Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^-)}{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^+)}$ and $\frac{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^-)}{\mathcal{B}(B \rightarrow D^0 \pi^+ \pi^+)}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 82-84.		

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91	Study of $\bar{\nu}$ production in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
92	Search of the neutrino-less double beta decay of $^{82}\text{Se}$ into the excited states of $^{82}\text{Ge}$ . European Physical Journal C, 2018, 78, 888.	3.9	26
93	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
94	The CUORE and CUORE-0 experiments at LNGS. Journal of Physics: Conference Series, 2018, 1056, 012009.	0.4	0
95	A NaI-based cryogenic scintillating calorimeter: status and results of the COSINUS project. Journal of Physics: Conference Series, 2018, 1056, 012017.	0.4	1
96	$0\nu\beta\beta$ decay: the CUPID-0 experiment. Journal of Physics: Conference Series, 2018, 1056, 012044.	0.4	1
97	CUPID-0: the first array of enriched scintillating bolometers for $0\nu\beta\beta$ decay investigations. European Physical Journal C, 2018, 78, 428.	3.9	56
98	Measurement of $\bar{\nu}$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
99	Search for a dimuon resonance in the $\bar{\nu}$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
100	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	3.9	28
101	Angular moments of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
102	A NaI-Based Cryogenic Scintillating Calorimeter: Results from a COSINUS Prototype Detector. Journal of Low Temperature Physics, 2018, 193, 1174-1181.	1.4	5
103	First observation of $B^+ \rightarrow D^+ s + K^+ \pi^+$ decays and a search for $B^+ \rightarrow D^+ s + \bar{\nu}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
104	Search for neutrinoless $\beta\beta$ decay of $\text{Te}^{120}$ with CUORE-0. Physical Review C, 2018, 97, .	2.9	15
105	Measurement of branching fractions of charmless four-body $B^0 \rightarrow b 0$ and $\bar{B}^0 \rightarrow b 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
106	First Result on the Neutrinoless Double- $\beta$ Decay of $^{82}\text{Se}$ . Springer Proceedings in Physics, 2018, , 183-186.	7.8	89
107	CUPID-0: A Cryogenic Calorimeter with Particle Identification for Double Beta Decay Search. Springer Proceedings in Physics, 2018, , 183-186.	0.2	0
108	The CUORE Bolometric Detector for Neutrinoless Double Beta Decay Searches. Springer Proceedings in Physics, 2018, , 202-207.	0.2	0

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109	Scintillating bolometric technique for the neutrino-less double beta decay search: The LUCIFER/CUPID-0 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 342-346.	1.6	5
110	Beam test results on the detection of single particles and electromagnetic showers with microchannel plates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 471-474.	1.6	2
111	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	16.7	64
112	Measurement of the two-neutrino double-beta decay half-life of $^{130}\text{Te}$ with the CUORE-0 experiment. European Physical Journal C, 2017, 77, 1.	3.9	73
113	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ \mu^+ \mu^-$ decay. European Physical Journal C, 2017, 77, 161.	3.9	51
114	Study of the $D^0$ p amplitude in $b \rightarrow c$ decays. Journal of High Energy Physics, 2017, 2017, 14.7		54
115	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	3.9	54
116	Observation of $B^+ \rightarrow \mu^+ \nu_\mu \nu_\tau$ and $B^+ \rightarrow \mu^+ \nu_\mu \nu_e$ decays. European Physical Journal C, 2017, 77, 72.	3.9	7
117	Radiation hardness assurance of the CLARO8 front-end chip for the LHCb RICH detector upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 876, 126-128.	1.6	1
118	Enriched $\text{TeO}_2$ 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
119	The CUORE cryostat and its bolometric detector. Journal of Instrumentation, 2017, 12, C02055-C02055.	1.2	2
120	Study of prompt $D^0$ meson production in pPb collisions at $\sqrt{s_{NN}} = 5.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
121	Study of charmonium production in $b$ -hadron decays and first evidence for the decay $B^0 \rightarrow \phi \phi$ . European Physical Journal C, 2017, 77, 609.	3.9	17
122	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow \mu^+ \mu^-$ . European Physical Journal C, 2017, 77, 678.	3.9	17
123	Search for the $B^0 \rightarrow \mu^+ \mu^-$ decay. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
124	Measurement of $B^0 \rightarrow D^+ \mu^- \nu_\mu$ and $B^0 \rightarrow D^+ \mu^- \nu_\tau$ decays. Physical Review Letters, 2017, 119, 101801.	7.8	15
125	Measurement of $B^0 \rightarrow D^+ \mu^- \nu_\mu$ and $B^0 \rightarrow D^+ \mu^- \nu_\tau$ decays. Physical Review Letters, 2017, 119, 112001.	7.8	417
126	Measurement of the CP Violation Parameter $A_{FB}^0$ in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20



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127	Observation of $B \rightarrow D^+ K^-$ decays. <i>Physical Review Letters</i> , 2017, 118, 251802.	7.8	25
128	States Decaying to $B^0 \rightarrow D^+ K^-$ . <i>Physical Review Letters</i> , 2017, 118, 251802.	7.8	234
129	Branching Fraction and Effective Lifetime and Search for $B \rightarrow D^+ K^-$ . <i>Physical Review Letters</i> , 2017, 118, 251802.	7.8	220
130	Study of $B \rightarrow D^+ K^-$ Production in Jets. <i>Physical Review Letters</i> , 2017, 118, 192001.	7.8	39
131	and $B \rightarrow D^+ K^-$ . <i>Physical Review Letters</i> , 2017, 118, 251802.	7.8	81
132	Observation of the suppressed decay $B \rightarrow D^+ K^-$ . <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	15
133	Test of lepton universality with $B \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	425
134	$B \rightarrow D^+ K^-$ and $B \rightarrow D^+ K^-$ Resonance Parameters with the Decays $B \rightarrow D^+ K^-$ . <i>Physical Review Letters</i> , 2017, 119, 221801.	7.8	18
135	Lowering the CUORE energy threshold. <i>Journal of Physics: Conference Series</i> , 2017, 888, 012047.	0.4	0
136	Observation of $B \rightarrow D^+ K^-$ Meson Decays to $B \rightarrow D^+ K^-$ . <i>Physical Review Letters</i> , 2017, 119, 181805.	7.8	21
137	CLARO: an ASIC for high rate single photon counting with multi-anode photomultipliers. <i>Journal of Instrumentation</i> , 2017, 12, P08019-P08019.	1.2	12
138	Search for Baryon-Number Violating $B \rightarrow D^+ K^-$ Oscillations. <i>Physical Review Letters</i> , 2017, 119, 181807.	7.8	06
139	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	34
140	New algorithms for identifying the flavour of $B^0$ mesons using pions and protons. <i>European Physical Journal C</i> , 2017, 77, 238.	3.9	11
141	Evidence for the two-body charmless baryonic decay $B \rightarrow p \bar{\Lambda}^0$ . <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	10
142	The COSINUS project: Development of new NaI-based cryogenic detectors for direct dark matter search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 845, 359-362.	1.6	3
143	Results from CUORE and CUORE-0. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
144	A Fast and Radiation-Hard Single-Photon Counting ASIC for the Upgrade of the LHCb RICH Detector at CERN. , 2017, , .		2

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145	The projected background for the CUORE experiment. European Physical Journal C, 2017, 77, 1.	3.9	90
146	First Observation of the Rare Purely Baryonic Decay $B_0 \rightarrow p \bar{p} \bar{\Lambda}^-$ . Physical Review Letters, 2017, 119, 232001.	7.8	15
147	CUORE sensitivity to ${}^0\text{u} \eta \eta$ decay. European Physical Journal C, 2017, 77, 1.	3.9	31
148	Resonances and CP violation in $B \rightarrow 0$ and $B \rightarrow s 0 \hat{+} J / \hat{r} K + K \hat{+}$ $\overline{B} \rightarrow 0 J / \psi \{K\}^{\{+\}\{K\}^{\{-}\}}$ decays in the mass region above the $\bar{\Lambda}(1020)$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
149	Study of $\overline{b} \rightarrow b$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
150	Measurement of CP observables in $B \rightarrow \hat{+} DK^* \hat{\pm}$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
151	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
152	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
153	Test of the photon detection system for the LHCb RICH Upgrade in a charged particle beam. Journal of Instrumentation, 2017, 12, P01012-P01012.	1.2	11
154	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
155	Low energy analysis techniques for CUORE. European Physical Journal C, 2017, 77, 1.	3.9	17
156	Measurement of the $Y(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
157	A fast timing calorimetric layer using micro-channel plates in ionisation mode. Journal of Instrumentation, 2017, 12, C03019-C03019.	1.2	2
158	Micro-channel plates in ionization mode as a fast timing device for future hadron colliders. Journal of Instrumentation, 2017, 12, C08014-C08014.	1.2	5
159	The Faraday room of the CUORE experiment. Journal of Instrumentation, 2017, 12, P12013-P12013.	1.2	5
160	The COSINUS project - a NaI-based cryogenic calorimeter for direct dark matter detection. Journal of Physics: Conference Series, 2017, 888, 012207.	0.4	1
161	Tests of Single Photon Counting at Sub-Nanosecond Precision for Next Generation RICH Detectors. , 2017, , .		0
162	Results from the first cryogenic NaI detector for the COSINUS project. Journal of Instrumentation, 2017, 12, P11007-P11007.	1.2	27

#	ARTICLE	IF	CITATIONS
163	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ and $B \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
164	The CUORE and CUORE-0 experiments at LNGS. EPJ Web of Conferences, 2017, 164, 07047.	0.3	0
165	Status and prospects for CUORE. Journal of Physics: Conference Series, 2017, 888, 012034.	0.4	3
166	The LUCIFER/CUPID-0 demonstrator: searching for the neutrinoless double-beta decay with $Zn^{82}Se$ scintillating bolometers. Journal of Physics: Conference Series, 2017, 888, 012077.	0.4	3
167	Cherenkov light identification in $TeO_2$ crystals with Si low-temperature detectors. Journal of Physics: Conference Series, 2017, 888, 012087.	0.4	1
168	An ASIC for fast single photon counting in the LHCb RICH upgrade. Journal of Instrumentation, 2017, 12, C03016-C03016.	1.2	0
169	Results from the CUORE-0 experiment. Journal of Physics: Conference Series, 2016, 718, 062007.	0.4	1
170	A precise measurement of the $B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
171	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
172	Observations of $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ and $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ decays and searches for other $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ decays to $\bar{c} \ell^+ \bar{\nu}_\ell$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
173	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
174	Observation of $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ and $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ decays and a measurement of the $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ baryon matrix element. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
175	Measurement of the properties of the $\bar{\Lambda}_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
176	Production of associated Y 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
177	Measurement of the CKM angle $\beta_3$ using $B^0 \rightarrow D^+ K^-$ with $D^+ \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	8
178	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
179	Measurement of the ratio of branching fractions $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ / $\bar{b} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
180	Measurement of forward $W^+ \ell^+ \bar{\nu}_\ell$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18

#	ARTICLE	IF	CITATIONS
181	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
182	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ differential branching fractions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
183	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
184	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
185	Radiation Hardness of the CLARO8 ASIC: A Fast Single-Photon Counting Chip for the LHCb Experiment at CERN. , 2016, , .		2
186	A low noise and high precision linear power supply with thermal foldback protection. Review of Scientific Instruments, 2016, 87, 054706.	1.3	16
187	Measurement of $C \rightarrow P$ Violation in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	12
188	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^- \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20
189	The supply voltage apparatus of the CUORE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 340-342.	1.6	1
190	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow D^+ K^- \pi^0$ decays with $D^+ \rightarrow K^+ S^0 \pi^0$ and $K^+ \rightarrow K^+ \pi^0$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
191	Status of the CUORE and results from the CUORE-0 neutrinoless double beta decay experiments. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1719-1725.	0.5	4
192	Measurements of long-range near-side angular correlations in $p$ -Pb collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	4.1	14
193	Search for $B_c^+$ decays to the $p\bar{p}e^+\mu^+$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	4.1	12
194	Observation of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	4.1	14
195	Measurement of CP observables in $B^0 \rightarrow D^+ K^- \pi^0$ and $B^0 \rightarrow D^+ \pi^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	4.1	20
196	First array of enriched $^{82}\text{Zn}$ $^{82}\text{Se}$ bolometers to search for double beta decay. European Physical Journal C, 2016, 76, 364.	3.9	62
197	A CsI low-temperature detector for dark matter search. Astroparticle Physics, 2016, 84, 70-77.	4.3	17
198	Measurement of the $C \rightarrow P$ Asymmetry in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	7.8	22

#	ARTICLE	IF	CITATIONS
199	<a href="#">Evidence for Exotic Hadron Contributions to</a> $\Gamma \left( B^0 \rightarrow K^+ K^- \right)$ Contributions to $\Gamma \left( B^0 \rightarrow K^+ K^- \right)$ . Physical Review D, 2016, 93, .	7.8	102
200	<a href="#">Measurement of the mass and lifetime of the</a> $\Sigma(1300) \Lambda^0$ baryon. Physical Review D, 2016, 93, .	7.8	110
201	<a href="#">Search for Violations of Lorentz Invariance and</a> $\Delta C / \Delta E$ in $\Lambda^0$ decay lifetime in $\Lambda^0$ decay. Physical Review D, 2016, 93, .	2.9	64
202	<a href="#">Studies of the resonance structure in</a> $D^0 \rightarrow K^+ K^- S^0$ Physical Review D, 2016, 93, .	4.7	20
203	<a href="#">Measurement of the mass and lifetime of the</a> $\Lambda(1520) \Lambda^0$ baryon. Physical Review D, 2016, 93, .	4.7	13
204	<a href="#">First Observation of</a> $D^0 \rightarrow K^+ D^-$ in $D^0$ . Physical Review D, 2016, 93, .	7.8	27
205	<a href="#">First observation of the rare</a> $B^0 \rightarrow K^+ D^-$ decay. Physical Review D, 2016, 93, .	4.7	5
206	<a href="#">Measurement of the <math>B_s^0 \rightarrow D_s^{(*)} D_s^{(*)}</math> branching fractions.</a> Physical Review D, 2016, 93, .	4.7	5
207	<a href="#">Constraints on the unitarity triangle angle</a> $\beta$ from Dalitz plot analysis of $B^0 \rightarrow D^+ K^-$ Physical Review D, 2016, 93, .	4.7	13
208	<a href="#">Observation of <math>B_s^0 \rightarrow D^+ K^-</math> and Evidence for <math>B_s^0 \rightarrow D^+ K^-</math> Decays.</a> Physical Review Letters, 2016, 116, 161802.8	2.8	6
209	<a href="#">Measurement of the Difference of Time-Integrated</a> $C \rightarrow P$ Asymmetries in Search for Violations of Lorentz Invariance and $\Delta C / \Delta E$ in $K \rightarrow \pi$ . Physical Review D, 2016, 93, .	7.8	42
210	<a href="#">Search for Neutrinoless Double Beta Decay with the GERDA Experiment.</a> Nuclear and Particle Physics Proceedings, 2016, 273-275, 1876-1882.	7.8	31
211	<a href="#">Search for Structure in the</a> $B \rightarrow K^+ K^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	0.5	23
212	<a href="#">Differential branching fraction and angular moments analysis of the decay</a> $B^0 \rightarrow K^+ K^-$ (1430) <sup>0</sup> region. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
214	CUORE-0 detector: design, construction and operation. Journal of Instrumentation, 2016, 11, P07009-P07009.	1.2	64
215	The COSINUS project: perspectives of a NaI scintillating calorimeter for dark matter search. European Physical Journal C, 2016, 76, 1.	3.9	58
216	Cerenkov light identification with Si low-temperature detectors with sensitivity enhanced by the Neganov-Luke effect. Physical Review C, 2016, 94, .	2.9	13

#	ARTICLE	IF	CITATIONS
217	Study of $D_{s1}^*$ mesons decaying to $D^* K S^0$ and $D^* K^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
218	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	4.7	59
219	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
220	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- S^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
221	The LUCIFER Project: Achievements and Near Future Prospects. Journal of Low Temperature Physics, 2016, 184, 852-858.	1.4	4
222	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	100
223	First observation of the decay $B_s^0 \rightarrow K^+ K^- K^+ K^-$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1. 5		
224	Observation of the $B_s^0 \rightarrow K^+ K^- K^+ K^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
225	First observation of the decay $D^0 \rightarrow K^+ K^- K^+ K^-$ in the $10^4$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	4.1	13
226	Angular analysis of the $B^0 \rightarrow K^+ K^- K^+ K^-$ decay using $3 \text{ fb}^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	304
227	ALDO: A radiation-tolerant, low-noise, adjustable low drop-out linear regulator in $0.35 \mu\text{m}$ CMOS technology. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 258-259.	1.6	3
228	Dark Matter Search with CUORE-0 and CUORE. Physics Procedia, 2015, 61, 13-20.	1.2	2
229	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
230	The Status of the MARE Experiment with $^{187}\text{Re}$ and $^{163}\text{Ho}$ Isotopes. Physics Procedia, 2015, 61, 227-231.	1.2	13
231	CUORE and Beyond: Bolometric Techniques to Explore Inverted Neutrino Mass Hierarchy. Physics Procedia, 2015, 61, 241-250.	1.2	2
232	Characterization of the Hamamatsu H12700A-03 and R12699-03 multi-anode photomultiplier tubes. Journal of Instrumentation, 2015, 10, P09021-P09021.	1.2	19
233	Study of CP violation in $B^0 \rightarrow D^+ D^- (h=K, \pi)$ with the modes $D^+ K^+ \pi^0, D^+ \pi^+ \pi^0$ and $D^+ K^+ \pi^0$ . Physical Review D, 2015, 91, .	4.7	14
234	Study of $B^0 \rightarrow D^+ D^- (h=K, \pi)$ with the modes $D^+ K^+ \pi^0, D^+ \pi^+ \pi^0$ and $D^+ K^+ \pi^0$ . Physical Review D, 2015, 92, .	4.7	6

#	ARTICLE	IF	CITATIONS
235	Search for Neutrinoless Double-Beta Decay of $^{130}\text{Te}$ . Physical Review Letters, 2015, 115, 102502.	7.8	189
236	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
237	Evidence for the Strangeness-Changing Weak Decay $b \rightarrow s \gamma$ . First Observation and amplitude analysis of the $B \rightarrow K^* \gamma$ decay. Physical Review D, 2015, 91, 074012.	7.8	25
238	Amplitude analysis of $B \rightarrow K^* \gamma$ . Physical Review D, 2015, 91, 074012.	4.7	50
239	Amplitude analysis of $B \rightarrow K^* \gamma$ . Physical Review D, 2015, 91, 074012.	4.7	69
240	Amplitude analysis of $B \rightarrow K^* \gamma$ . Physical Review D, 2015, 91, 074012.	4.7	30
241	Amplitude analysis of $B \rightarrow K^* \gamma$ . Physical Review D, 2015, 91, 074012.	4.7	80
242	Study of $W$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	22
243	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \nu) / B(B_c \rightarrow J/\psi \nu)$ . Physical Review D, 2015, 92, .	4.7	14
244	Search for the rare decays $B_0 \rightarrow \tau^+ \nu$ and $B_s \rightarrow \tau^+ \nu$ . Physical Review D, 2015, 92, .	4.7	8
245	Model-independent confirmation of the $Z \rightarrow C P$ violation in $B \rightarrow J/\psi \gamma$ . Physical Review Letters, 2015, 115, 031601.	7.8	30
246	Measurement of $C P$ violation in $B \rightarrow J/\psi \gamma$ . Physical Review Letters, 2015, 115, 031601.	7.8	30
247	Observation of the $B_s \rightarrow \tau^+ \nu$ Decay. Physical Review Letters, 2015, 115, 051801.	7.8	9
248	Observation of $J/\psi p$ Resonances Consistent with Pentaquark States in $B \rightarrow J/\psi p$ . Physical Review Letters, 2015, 115, 031601.	7.8	816
249	Observation of $B \rightarrow B_c \gamma$ . Physical Review Letters, 2015, 115, 031601.	7.8	816

#	ARTICLE	IF	CITATIONS
253	Beam test results on the detection of single particles and electromagnetic showers with microchannel plates. , 2015, , .		0
254	First data from CUORE-0. Physics Procedia, 2015, 61, 289-294.	1.2	1
255	Measurement of CP asymmetries and polarisation fractions in $B_s^0 \rightarrow K^{\pm} K^{\mp} \bar{K}^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	12
256	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
257	Search for the $b \rightarrow b \bar{c} c$ and $b \rightarrow b \bar{s} s$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9
258	Measurement of the exclusive $\Upsilon$ 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
259	Measurement of the $B_s^0 \rightarrow \bar{c} c$ branching fraction and search for the decay $B_s^0 \rightarrow \bar{c} c$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	11
260	Forward production of $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
261	Measurement of the forward-backward asymmetry in $Z \rightarrow \bar{c} c + \bar{c} c$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
262	Results of CUORE-0 and prospects for the CUORE experiment. Nuclear and Particle Physics Proceedings, 2015, 265-266, 73-76.	0.5	2
263	Limit on Neutrinoless Double Beta Decay of $^{76}\text{Ge}$ by GERDA. Physics Procedia, 2015, 61, 828-837.	1.2	6
264	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow D^{\pm} K^{\mp} K^{\pm}$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	7
265	First measurement of the differential branching fraction and CP asymmetry of the $B_s^0 \rightarrow \bar{c} c$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
266	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
267	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
268	Measurement of forward Z $\rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
269	Differential branching fraction and angular analysis of $B^0 \rightarrow \bar{c} c$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
270	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow J/\psi K^+ K^-$ . Journal of High Energy Physics, 2015, 2015, .	4.7	12



#	ARTICLE	IF	CITATIONS
271	Search for the decay $B_s^0 \rightarrow \overline{D}^0 \gamma$ (980). Journal of High Energy Physics, 2015, 1.	4.7	17
272	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
273	Observation of the decay $B \rightarrow S \ell^+ \ell^- (2S) K + \bar{\nu}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	4.1	13
274	Double-beta decay investigation with highly pure enriched $^{82}\text{Se}$ for the LUCIFER experiment. European Physical Journal C, 2015, 75, 591.	3.9	41
275	Angular analysis and differential branching fraction of the decay $B \rightarrow S \ell^+ \ell^- \ell^+ \ell^- + \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	191
276	Characterization of the 8-channel single-photon counting front-end chip for the upgrade of the LHCb RICH detectors. , 2015, , .		1
277	CUORE-0 results and prospects for the CUORE experiment. AIP Conference Proceedings, 2015, , .	0.4	0
278	First neutrinoless double beta decay results from CUORE-0. AIP Conference Proceedings, 2015, , .	0.4	1
279	Neutrinoless double-beta decay search with CUORE and CUORE-0 experiments. EPJ Web of Conferences, 2015, 90, 03004.	0.3	1
280	The CUORE and CUORE-0 experiments at Gran Sasso. EPJ Web of Conferences, 2015, 95, 04024.	0.3	1
281	The building blocks for the upgrade of the LHCb RICH detectors. , 2015, , .		0
282	Searching for Neutrinoless Double-Beta Decay of $^{130}\text{Te}$ with CUORE. Advances in High Energy Physics, 2015, 2015, 1-13.	1.1	109
283	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
284	Angular analysis of the $B^0 \rightarrow K^* \ell^+ \ell^-$ decay in the low- $q^2$ region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
285	Determination of the branching fractions of $B \rightarrow S \ell^+ \ell^- D S^+ K^+$ and $B \rightarrow S \ell^+ \ell^- D S^+ K^0$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
286	A technique for noise measurement optimization with spectrum analyzers. Journal of Instrumentation, 2015, 10, P08016-P08016.	1.2	2
287	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	3.9	11
288	Large area Si low-temperature light detectors with Neganov-Luke effect. European Physical Journal C, 2015, 75, 1.	3.9	16

#	ARTICLE	IF	CITATIONS
289	CLARO-CMOS: a fast, low power and radiation-hard front-end ASIC for single-photon counting in 0.35 micron CMOS technology. Journal of Instrumentation, 2015, 10, C01013-C01013.	1.2	3
290	Observation of the $B \rightarrow \pi \ell \ell$ decay from an amplitude analysis of $B \rightarrow \pi (\ell^+ \ell^-)$ ( $B \rightarrow \pi \ell^+ \ell^-$ ) decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	14
291	Observation of Two New $B \rightarrow \pi \ell \ell$ Decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	29
292	Observation of Two New $B \rightarrow \pi \ell \ell$ Decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 38-49.	7.8	47
293	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	4.1	31
294	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
295	Irradiation of the CLARO-CMOS chip, a fast ASIC for single-photon counting. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 787, 234-235.	1.6	6
296	Determination of $\hat{\Gamma}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	4.1	13
297	Study of the rare $B \rightarrow \pi \ell \ell$ and $B_0$ decays into the $(\ell^+ \ell^-)$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 46-51.	4.1	17
298	Measurement of the Semileptonic $B \rightarrow \pi \ell \ell$ Asymmetry in $B \rightarrow \pi \ell \ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 46-51.	7.8	32
299	Measurement of the Semileptonic $B \rightarrow \pi \ell \ell$ Asymmetry in $B \rightarrow \pi \ell \ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 46-51.	7.8	65
300	Measurement of the $B \rightarrow \pi \ell \ell$ Asymmetry in $B \rightarrow \pi \ell \ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 114, 132001.	7.8	61
301	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	1.5	604
302	Production, characterization and operation of $^{76}\text{Ge}$ enriched BEGe detectors in GERDA. European Physical Journal C, 2015, 75, 1.	3.9	55
303	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	3.9	44
304	Search for CP violation in $B \rightarrow \pi \ell \ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	4.1	20
305	Study of $\hat{\Gamma}^3$ $B \rightarrow \pi \ell \ell$ mixing from measurement of $B \rightarrow \pi \ell \ell$ ( $B \rightarrow \pi \ell^+ \ell^-$ ) decay rates. Journal of High Energy Physics, 2015, 2015, .	4.7	13
306	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9

#	ARTICLE	IF	CITATIONS
307	Search for the lepton flavour violating decay $\tilde{l}_i \rightarrow \tilde{l}_j \gamma$ , $\tilde{l}_i \rightarrow \tilde{l}_j \gamma + \tilde{l}_k \tilde{l}_k^*$ . Journal of High Energy Physics, 2015, 2015, 1.		32
308	Precise measurements of the properties of the $B_1(5721)_{0,+}$ and $B_2^*(5747)_{0,+}$ states and observation of $B_{1,+} \rightarrow \tilde{l}_i \tilde{l}_i^*$ , mass structures. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21
309	Measurement of indirect CP asymmetries in $D_0 \rightarrow K^+ K^-$ and $D_0 \rightarrow \tilde{l}_i \tilde{l}_i^*$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	4.7	17
310	Observation of the rare $B_s^0 \rightarrow \tilde{l}_i \tilde{l}_i^*$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	27.8	390
311	Measurement of the $\sigma_c(1S) \rightarrow c \bar{c}$ production cross-section in proton-proton collisions via		



#	ARTICLE	IF	CITATIONS
343	Measurement of the flavour-specific CP-violating asymmetry $a_1^0$ in $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	34
344	Preliminary Results of the MARE Experiment. Journal of Low Temperature Physics, 2014, 176, 885-890.	1.4	8
345	An Aboveground Pulse-Tube-Based Bolometric Test Facility for the Validation of the LUMINEU $ZnMoO_4$ Crystals. Journal of Low Temperature Physics, 2014, 176, 571-577.	1.4	20
346	GeFRO: A New Charge Sensitive Amplifier Design for Wide Bandwidth and Closed-Loop Stability Over Long Distances. IEEE Transactions on Nuclear Science, 2014, 61, 1259-1268.	2.0	3
347	Measurement of the $B \rightarrow \pi^0 \pi^0$ CP asymmetry. Journal of High Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446-454.	4.1	13
348	Effective lifetime measurements in the $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446-454.	4.1	13
349	Evidence for the decay $B \rightarrow \pi^0 \pi^0$ . Journal of High Energy Physics, 2014, 2014, 1.	4.1	40
350	Initial performance of the CUORE-0 experiment. European Physical Journal C, 2014, 74, 1.	2.5	114
351	Search for axioelectric effect of solar axions using BGO scintillating bolometer. European Physical Journal C, 2014, 74, 1.	3.9	8
352	Measurement of polarization amplitudes and CP asymmetries in $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
353	Angular analysis of charged and neutral $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
354	Evidence for the decay $B \rightarrow \pi^0 \pi^0$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
355	Differential branching fractions and isospin asymmetries of $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	206
356	Measurement of CP asymmetry in $D \rightarrow \pi^0 \pi^0$ and $D \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
357	Study of $\bar{\nu}_e$ 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
358	Observation of the $B \rightarrow \pi^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
359	Observation of the $B \rightarrow \pi^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8

#	ARTICLE	IF	CITATIONS
361	Study of the kinematic dependences of $\hat{\Gamma} b 0$ production in pp collisions and a measurement of the $\hat{\Gamma} b 0 \hat{\Gamma} c + \hat{\Gamma} \hat{c}$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
362	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
363	First CUORE-0 Performance Results and Status of CUORE Experiment. Journal of Low Temperature Physics, 2014, 176, 986-994.	1.4	1
364	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.	3.6	30
365	The background in the $^{226}\text{Ra}$ experiment Gerda. European Physical Journal C, 2014, 74, 1.	3.9	66
366	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
367	Radiation hardness tests and characterization of the CLARO-CMOS, a low power and fast single-photon counting ASIC in 0.35 micron CMOS technology. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, Observation of the Resonant Character of the	1.6	10
368	$Z$	7.8	325
369	Physical Review Letters, 2014, 112, 222002. First characterization of the Hamamatsu R11265 multi-anode photomultiplier tube. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 156-159.	1.6	0
370	Characterization of the Hamamatsu R11265-103-M64 multi-anode photomultiplier tube. Journal of Instrumentation, 2014, 9, P06021-P06021.	1.2	18
371	Performance of the LHCb RICH detector at the LHC. European Physical Journal C, 2013, 73, 2431.	3.9	406
372	Model-independent search for CP violation in $D$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	22
373	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.1	12
374	Study of $B_s^0 \rightarrow K_S^0 h^+ h^-$ decays with first observation of $B_s^0 \rightarrow K_S^0 K^{\pm} \pi^{\mp}$ and $B_s^0 \rightarrow K_S^0 \pi^+ \pi^-$ . Journal of High Energy Physics, 2013, 2013, .	4.7	14
375	First evidence for the two-body charmless baryonic decay $\overline{B^0} \rightarrow p \overline{p}$ . Journal of High Energy Physics, 2013, 2013, .	4.7	10
376	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
377	Observation of $B^0 \rightarrow \overline{B^0} \pi^+ \pi^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17

#	ARTICLE	IF	CITATIONS
379	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
380	Pulse shape discrimination for Gerda Phase I data. European Physical Journal C, 2013, 73, 1.	3.9	73
381	Characterization of high impedance connecting links for Bolometric detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 211-212.	1.6	4
382	Observation of the $7\text{e}^-$ decay of $^{223}\text{Rn}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 211-212.	4.1	15
383	The low energy spectrum of $^{223}\text{Rn}$ bolometers: results and dark matter perspectives for the CUORE-0 and CUORE experiments. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 038-038.	5.4	15
384	Electrical characterization of the low background Cu-PEN links of the CUORE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 211-212.	1.6	10
385	Validation of techniques to mitigate copper surface contamination in CUORE. Astroparticle Physics, 2013, 45, 13-22.	4.3	66
386	Results on Neutrinoless Double- $\beta$ Decay of $^{76}\text{Ge}$ from Phase I of the GERDA Experiment. Physical Review Letters, 2013, 111, 122503.	7.8	470
387	Current Status and Future Perspectives of the LUCIFER Experiment. Advances in High Energy Physics, 2013, 2013, 1-15.	1.1	52
388	A very low noise and low drift voltage regulator for rare event searches with bolometric detectors. 2013, .		2
389	Measurement of the $C$ Asymmetry in $B \rightarrow B^* K^0$ Decay. Physical Review Letters, 2013, 111, 191801.	7.8	13
390	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow B^* K^0$ . Physical Review Letters, 2013, 111, 191801.	7.8	13
391	Studies of the decays $B \rightarrow B^* p \bar{h}$ and observation of $B \rightarrow B^* \bar{\Lambda}^-(1520) p$ . Physical Review D, 2013, 88, .	4.7	12
392	Observation of a Resonance in $B \rightarrow B^* K^0$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	7.8	13
393	Measurement of the $B \rightarrow B^* K^0$ Fraction and Search for $B \rightarrow B^* K^0$ . Physical Review Letters, 2013, 111, 101805.	7.8	258
394	Radiation hardness of the CLARO-CMOS, a prototype ASIC for low power and fast single-photon counting in 0.35 micron CMOS technology. , 2013, , .		0
395	The CLARO ASIC: Design and performance of prototype integrated circuits for fast single photon counting at low power. , 2013, , .		1
396	Characterization of a Hamamatsu R7600 multi-anode photomultiplier tube with single photon signals. Journal of Instrumentation, 2013, 8, P02012-P02012.	1.2	8

#	ARTICLE	IF	CITATIONS
397	CLARO-CMOS, an ASIC for single photon counting with Ma-PMTs, MCPs and SiPMs. Journal of Instrumentation, 2013, 8, C01029-C01029.	1.2	10
398	A fast and low noise charge sensitive preamplifier in 90 nm CMOS technology. Journal of Instrumentation, 2012, 7, C01003-C01003.	1.2	17
399	First Measurement of the Partial Widths of $B_i$ Decay to the Ground and to the First Excited States. Note: First measurement of the partial widths of $B_i$ decay to the ground and to the first excited states [Phys. Rev. Lett. <b>108</b> , 062501 (2012)]. Physical Review Letters, 2012, 108, .	7.8	34
400	First Measurement of the Partial Widths of $B_i$ Decay to the Ground and to the First Excited States [Phys. Rev. Lett. <b>108</b> , 062501 (2012)]. Physical Review Letters, 2012, 108, .	7.8	1
401	CLARO-CMOS, a very low power ASIC for fast photon counting with pixellated photodetectors. Journal of Instrumentation, 2012, 7, P11026-P11026.	1.2	40
402	Modeling high impedance connecting links and cables below 1 Hz. Journal of Instrumentation, 2012, 7, P08004-P08004.	1.2	2
403	A multichannel data acquisition system for bolometer detectors based on microcontroller Cortex M3 architecture. , 2012, , .		0
404	MARE-1 in Milan: Status and Perspectives. Journal of Low Temperature Physics, 2012, 167, 1035-1040.	1.4	9
405	The Readout and Biasing System for the MARE Experiment in Milan. Journal of Low Temperature Physics, 2012, 167, 620-625.	1.4	4
406	CUORE crystal validation runs: Results on radioactive contamination and extrapolation to CUORE background. Astroparticle Physics, 2012, 35, 839-849.	4.3	62
407	An Amplifier for Bolometric Detectors. IEEE Transactions on Nuclear Science, 2011, 58, 3204-3211.	2.0	2
408	Aging and time resolution measurements for the Hamamatsu R7600 multi-anode photomultiplier tube. , 2011, , .		3
409	A new approach to the readout of cryogenic ionization detectors: GeFRO. Journal of Instrumentation, 2011, 6, P05006-P05006.	1.2	6
410	A very high performance stabilization system for large mass bolometer experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 306-309.	1.6	5
411	An ultra fast, low power readout chain for single photon sensitivity with multi-anode photomultiplier tubes for the RICH upgrade at LHCb. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 306-309.	1.6	4
412	Search for the rare decays $B \rightarrow s \gamma$ and $B \rightarrow s \ell^+ \ell^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	60
413	A very low noise AC/DC Power Supply System for large arrays of cryogenic detectors. , 2011, , .		1
414	Current feedback operational amplifiers as fast charge sensitive preamplifiers for photomultiplier read out. Journal of Instrumentation, 2011, 6, P05004-P05004.	1.2	12



#	ARTICLE	IF	CITATIONS
415	GeFRO, a new front-end approach for the phase II of the GERDA experiment. , 2011, , .		2
416	The Bias Generator System for the CUORE Large Mass Bolometer Detectors. , 2010, , .		0
417	Characterization of a Hamamatsu R7600 multi-anode photomultiplier tube with single photon signals. , 2010, , .		2
418	Crosstalk Study of the Single-Photon Response of a Flat-Panel PMT for the RICH Upgrade at LHCb. IEEE Transactions on Nuclear Science, 2010, 57, 2267-2272.	2.0	7
419	Cherenkov light detection for the LHCb RICH Upgrade. , 2010, , .		0
420	Cross talk study to the single photon response of a flat panel PMT for the RICH upgrade at LHCb. , 2009, , .		0
421	New results from the CUORE experiment. International Journal of Modern Physics A, 0, , .	1.5	0