

# Piero Giubilato

## List of Publications by Year in descending order

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Version: 2024-02-01

211  
papers

9,143  
citations

38660

50  
h-index

46693

89  
g-index

214  
all docs

214  
docs citations

214  
times ranked

9132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prompt D0, D+, and D*+ production in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	23
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	7
3	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	6
4	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	23
5	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe–Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	12
6	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and $13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	12
7	$K_S^0$ - and (anti-) $\Lambda$ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	1
8	Charged-particle multiplicity fluctuations in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	2
9	Inclusive $\psi/\psi'$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	6
10	Multiplicity dependence of $\pi$ , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	38
11	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	11
12	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	24
13	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
14	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
15	Production of $\omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	4
16	Charged-particle pseudorapidity density at mid-rapidity in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	12
17	A 110 nm CMOS process for fully-depleted pixel sensors. Journal of Instrumentation, 2019, 14, C06016-C06016.	0.5	13
18	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and $13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	49

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19	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
20	Measurement of $\langle D^0 \rangle$ , $\langle D^+ \rangle$ , $\langle D^{*+} \rangle$ and $\langle D^+_{s1} \rangle$ production in pp collisions at $\sqrt{s}=5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	1.4	43
21	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{NN}}=5.02$ TeV pPb collisions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
22	Energy dependence of exclusive $J/\psi$ photoproduction off protons in ultra-peripheral pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	34
23	Relative particle yield fluctuations in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	15
24	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	16
25	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
26	Depleted MAPS on a 110 nm CMOS CIS Technology. , 2019, , .		1
27	Calorimeter prototyping for the iMPACT project pCT scanner. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 1-4.	0.7	0
28	iMPACT: An Innovative Tracker and Calorimeter for Proton Computed Tomography. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 345-352.	2.7	15
29	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
30	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^+_{s1}$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	54
31	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
32	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	1.6	97
33	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
34	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	55
35	Inclusive $J/\psi$ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
36	Neutral pion and $\eta$ meson production in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	31

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37	$\phi$ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	1.4	3
38	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
39	$b+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
40	Measurement of the inclusive $J/\psi$ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ s. European Physical Journal C, 2018, 78, 1.	1.4	13
41	Prompt and non-prompt $J/\psi$ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	16
42	$\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s}=8$ s = 8 TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
43	The iMFACT project tracker and calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 664-667.	0.7	1
44	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s}=0.9$ s = 0.9 to 8 TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
45	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ s = 7 TeV and p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ s NN = 5.02 TeV. European Physical Journal C, 2017, 77, 245.	1.4	23
46	W and Z boson production in p-Pb collisions at s NN = 5.02 $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
47	Measurement of electrons from beauty-hadron decays in p-Pb collisions at s NN = 5.02 $\sqrt{s_{\text{NN}}}=5.02$ TeV and Pb-Pb collisions at s NN = 2.76 $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
48	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ s = 7 TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
49	Prototype readout electronics for the upgraded ALICE Inner Tracking System. Journal of Instrumentation, 2017, 12, C01008-C01008.	0.5	5
50	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at s NN = 2.76 $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	6
51	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	1.4	28
52	Energy dependence of forward-rapidity $J/\psi$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
53	Production of $\Sigma(1385)^{\pm}$ . European Physical Journal C, 2017, 77, 389.	1.4	36
54	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	1.2	44

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55	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8 \text{ TeV}$ . European Physical Journal C, 2017, 77, 1.	1.4	32
56	Experimental Methods and Results for the Evaluation of Triple Modular Redundancy SEU Mitigation Techniques with the Xilinx Kintex-7 FPGA. , 2017, , .		7
57	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
58	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2017, 77, 1.	1.4	31
59	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ at the LHC. European Physical Journal C, 2017, 77, 1.	1.4	40
60	MATISSE: A Versatile Readout Electronics for Monolithic Active Pixel Sensors Characterization. , 2017, , .		3
61	Recent progress of RD53 Collaboration towards next generation Pixel Read-Out Chip for HL-LHC. Journal of Instrumentation, 2016, 11, C12058-C12058.	0.5	17
62	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
63	ALICE inner tracking system readout electronics prototype testing with the CERN "Giga Bit Transceiver". Journal of Instrumentation, 2016, 11, C12074-C12074.	0.5	4
64	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	1.4	30
65	Centrality dependence of $\tilde{r}(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
66	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
67	Differential studies of inclusive $J/\psi$ and $\tilde{r}(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
68	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	40
69	Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ . European Physical Journal C, 2016, 76, 271.	1.4	31
70	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
71	Measurement of $D_s^+$ production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
72	Production of $K_S^{*0}$ and $\phi$ ( $1020$ ) in p-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ . European Physical Journal C, 2016, 76, 245.	1.4	89

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73	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	39
74	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	88
75	Low power, high resolution MAPS for particle tracking and imaging. Journal of Instrumentation, 2015, 10, C05004-C05004.	0.5	4
76	iMPACT: Innovative pCT scanner. , 2015, , .		1
77	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	38
78	Inclusive, prompt and non-prompt $J/\psi$ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
79	Coherent $\pi^0$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
80	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	48
81	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
82	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
83	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	50
84	CHIPIX65: Developments on a new generation pixel readout ASIC in CMOS 65 nm for HEP experiments. , 2015, , .		20
85	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. European Physical Journal C, 2015, 75, 186.	1.4	68
86	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
87	Advanced proton imaging in computed tomography. Radiation Protection Dosimetry, 2015, 166, 388-392.	0.4	3
88	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 542.	1.4	191
89	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 66.	1.4	31
90	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	26

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91	Measurement of the ratio of the production cross sections times branching fractions of $B_c^+ \rightarrow \bar{c} \ell^+ \nu_{\ell}$ and $B_c^0 \rightarrow \bar{c} \ell^+ \nu_{\ell}$ and $B_c^+ \rightarrow \bar{c} \ell^+ \nu_{\ell}$ and $B_c^0 \rightarrow \bar{c} \ell^+ \nu_{\ell}$ in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
92	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV in the dimuon and dielectron decay channels. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
93	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	78
94	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 288.	1.4	54
95	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	1.4	149
96	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	1.4	58
97	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 302.	1.4	6
98	Search for heavy neutrinos and W bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	1.4	179
99	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3129.	1.4	65
100	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	81
101	Measurement of prompt $J/\psi$ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	61
102	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342
103	Study of hadronic event-shape variables in multijet final states in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	3
104	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
105	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	43
106	Design and characterization of novel monolithic pixel sensors for the ALICE ITS upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 177-182.	0.7	13
107	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. Journal of High Energy Physics, 2014, 2014, 1.	1.6	169
108	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	77

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109	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
110	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	75
111	Measurement of WZ and ZZ production in pp collisions at $\sqrt{s} = 8$ TeV in final states with b-tagged jets. European Physical Journal C, 2014, 74, 2973.	1.4	23
112	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. European Physical Journal C, 2014, 74, 2980.	1.4	171
113	Measurement of jet multiplicity distributions in $\overline{t}t$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3014.	1.4	16
114	Study of double parton scattering using W + 2-jet events in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85
115	Event activity dependence of $\Upsilon$ (nS) production in $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	56
116	Measurements of the $\overline{t}t$ charge asymmetry using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
117	Evidence for the 125 GeV Higgs boson decaying to a pair of $\tilde{l}$ , leptons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	123
118	Search for $W\hat{e}^2 \hat{t}^1 tb$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
119	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	31
120	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	100
121	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	70
122	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
123	Search for pair production of excited top quarks in the lepton + jets final state. Journal of High Energy Physics, 2014, 2014, 1.	1.6	4
124	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85
125	Measurement of the top-quark mass in all-jets $\hat{t}t$ events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2758.	1.4	35
126	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	1.4	85



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127	Probing color coherence effects in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2901.	1.4	17
128	Search for microscopic black holes in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	44
129	Measurement of the $\Lambda_{\text{b}}^0$ lifetime in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
130	Searches for long-lived charged particles in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
131	Study of exclusive two-photon production of $W+W\hat{a}$ in pp collisions at $\sqrt{s}=7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	75
132	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
133	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
134	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
135	Investigation of Supply Current Spikes in Flash Memories Using Ion-Electron Emission Microscopy. IEEE Transactions on Nuclear Science, 2013, 60, 4136-4141.	1.2	6
136	Monolithic pixels on moderate resistivity substrate and sparsifying readout architecture. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 146-153.	0.7	8
137	Search for supersymmetry in hadronic final states with missing transverse energy using the variables $\hat{I}_{\pm}$ T and b-quark multiplicity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2013, 73, 2568.	1.4	147
138	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
139	Measurement of masses in the $\text{t}\overline{\text{t}}$ system by kinematic endpoints in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2494.	1.4	55
140	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2674.	1.4	32
141			

#	ARTICLE	IF	CITATIONS
145	Measurement of the $W+W\bar{W}$ cross section in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous $WW\bar{W}$ and $WWZ$ couplings. European Physical Journal C, 2013, 73, 1.	1.4	62
146	LePIX: First results from a novel monolithic pixel sensor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 288-291.	0.7	14
147	Radiation tolerance of a moderate resistivity substrate in a modern CMOS process. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 347-349.	0.7	5
148	CMOS sensors in 90nm fabricated on high resistivity wafers: Design concept and irradiation results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 730, 119-123.	0.7	0
149	LePix: A high resistivity, fully depleted monolithic pixel detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 91-94.	0.7	4
150	Monolithic active pixel sensor development for the upgrade of the ALICE inner tracking system. Journal of Instrumentation, 2013, 8, C12041-C12041.	0.5	40
151	The SIRAD irradiation facility at LNL, 2013, .		1
152	Explorer-0: A Monolithic Pixel Sensor in a 180 nm CMOS process with an 18 $\mu$ m thick high resistivity epitaxial layer. , 2013, .		1
153	Status and prospects of the SIRAD irradiation facility for radiation effects studies at LNL, 2013, .		0
154	OrthoPix: A novel compressing architecture for pixel detectors. , 2012, .		7
155	Characterisation of a thin fully depleted SOI pixel sensor with high momentum charged particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 676, 50-53.	0.7	6
156	A time-resolved IBICC experiment using the IEEM of the SIRAD facility. Nuclear Instruments & Methods in Physics Research B, 2012, 273, 234-236.	0.6	4
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