

Paolo Branchini

List of Publications by Year in descending order

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Version: 2024-02-01

481
papers

18,338
citations

17776

65
h-index

26792

111
g-index

484
all docs

484
docs citations

484
times ranked

9887
citing authors

#	ARTICLE	IF	CITATIONS
1	Stratigraphic analysis of intercalated graphite electrodes in aqueous inorganic acid solutions. Nano Research, 2022, 15, 1120-1127.	5.8	7
2	Highly sensitive organic phototransistor for flexible optical detector arrays. Organic Electronics, 2022, 102, 106452.	1.4	13
3	X-ray Detectors With Ultrahigh Sensitivity Employing High Performance Transistors Based on a Fully Organic Small Molecule Semiconductor/Polymer Blend Active Layer. Advanced Electronic Materials, 2022, 8, .	2.6	11
4	Mapping at the nanometer scale the effects of sea-salt derived chlorine on cinnabar and lead white by using delayed image extraction in ToF-SIMS. Analyst, The, 2021, 146, 2392-2399.	1.7	7
5	On the $\sigma_{\text{K}}^{\text{A}}$ Absorptions in Light Nuclei by AMADEUS. Few-Body Systems, 2021, 62, 1.	0.7	4
6	Modular MA-XRF Scanner Development in the Multi-Analytical Characterisation of a 17th Century Azulejo from Portugal. Sensors, 2021, 21, 1913.	2.1	8
7	Detectors and Cultural Heritage: The INFN-CHNet Experience. Applied Sciences (Switzerland), 2021, 11, 3462.	1.3	26
8	The cylindrical-GEM inner tracker detector of the KLOE-2 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162366.	0.7	1
9	Upper limit on the $\text{Br}(\text{K}^0 \rightarrow \text{K}^+ \text{e}^- \nu_e)$ branching fraction with the KLOE experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	1
10	Measurement of the branching fraction for the decay $\text{K}^0 \rightarrow \text{K}^+ \text{e}^- \nu_e$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135378.	1.5	10
11	Metals and Environment: Chemical Outputs From the Interaction Between Gilded Copper-Based Objects and Burial Soil. Frontiers in Materials, 2020, 7, .	1.2	12
12	Differential X-Ray Attenuation in MA-XRF Analysis for a Non-invasive Determination of Gilding Thickness. Frontiers in Chemistry, 2020, 8, 175.	1.8	20
13	Exploring Manufacturing Process and Degradation Products of Gilt and Painted Leather. Applied Sciences (Switzerland), 2019, 9, 3016.	1.3	14
14	Intrinsic linearity of bakelite Resistive Plate Chambers operated in streamer mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 947, 162746.	0.7	3
15	The Belle II Experiment: Status and Prospects. Universe, 2018, 4, 101.	0.9	1
16	Measurement of the charge asymmetry for the $\text{K}_S^0 \rightarrow \text{K}^+ \text{e}^- \nu_e$ decay and test of CPT symmetry with the KLOE detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
17	Combined limit on the production of a light gauge boson decaying into $\text{K}^+ \text{K}^-$ and $\text{K}^+ \text{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 336-341.	1.5	26
18	First measurement of the $\text{K}^0 \rightarrow \text{K}^+ \text{e}^- \nu_e$ non-resonant transition amplitude below threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 339-345.	1.5	27

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19	Measurement of the running of the fine structure constant below 1 GeV with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 485-492.	1.5	19
20	uSOP: A Microprocessor-Based Service-Oriented Platform for Control and Monitoring. IEEE Transactions on Nuclear Science, 2017, 64, 1185-1190.	1.2	5
21	Logic gates and memory elements design and simulation using PMOS organic transistor. , 2017, , .		1
22	Monitoring complex detectors: the uSOP approach in the Belle II experiment. Journal of Instrumentation, 2017, 12, C08003-C08003.	0.5	0
23	The cylindrical GEM detector of the KLOE-2 experiment. Journal of Instrumentation, 2017, 12, C07016-C07016.	0.5	3
24	A Low Noise Front End for the Belle II Forward Electromagnetic Calorimeter Upgrade. IEEE Transactions on Nuclear Science, 2017, 64, 1409-1414.	1.2	0
25	The upgrade of the Belle II forward calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 524-527.	0.7	0
26	The KLOE-2 Inner Tracker: Detector commissioning and operation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 266-268.	0.7	15
27	The BELLE Electromagnetic Calorimeter and its Upgrade to BelleII. Journal of Instrumentation, 2017, 12, C07032-C07032.	0.5	0
28	Limit on the production of a new vector boson in $e + e \rightarrow \hat{\gamma} \rightarrow U^3, U \rightarrow \tilde{\chi} + \tilde{\chi}$ with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 356-361.	1.5	74
29	A pure CsI calorimeter for the Belle II experiment at SuperKEKB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 704-709.	0.7	2
30	uSOP: A microprocessor-based service-oriented platform for control and monitoring. , 2016, , .		1
31	A low noise front-end for the Belle2 forward electromagnetic calorimeter upgrade. , 2016, , .		0
32	The KLOE-2 cylindrical GEM inner tracker: Detector operation, calibration and performance. , 2016, , .		0
33	Precision measurement of the $\hat{\gamma} \rightarrow \tilde{\chi} + \tilde{\chi}$ Dalitz plot distribution with the KLOE detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	27
34	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	1.4	60
35	Measurement of the $\tilde{\gamma} \rightarrow e + e$ transition form factor with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 362-367.	1.5	31
36	Search for dark Higgsstrahlung in $e+e \rightarrow \hat{\gamma} \rightarrow \tilde{\chi} + \tilde{\chi}$ and missing energy events with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 365-372.	1.5	24

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37	the production of a low-mass vector boson in $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- Z^0$	1.1	87
38	The Data Acquisition System for a Kinetic Inductance Detector. Journal of Physics: Conference Series, 2015, 664, 082007.	0.3	0
39	Study of the Dalitz decay $\tilde{\chi}^0 \rightarrow e^+e^- \gamma$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 1-6.	1.5	25
40	CRAB NEBULA: FIVE-YEAR OBSERVATION WITH ARGO-YBJ. Astrophysical Journal, 2015, 798, 119.	1.6	33
41	The analog Resistive Plate Chamber detector of the ARGO-YBJ experiment. Astroparticle Physics, 2015, 67, 47-61.	1.9	25
42	The Front-End Electronics and the Data Acquisition System for a Kinetic Inductance Detector. IEEE Transactions on Nuclear Science, 2015, 62, 1016-1020.	1.2	1
43	Calibration of the RPC charge readout in the ARGO-YBJ experiment with the iso-gradient method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 783, 68-75.	0.7	4
44	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
45	STUDY OF THE DIFFUSE GAMMA-RAY EMISSION FROM THE GALACTIC PLANE WITH ARGO-YBJ. Astrophysical Journal, 2015, 806, 20.	1.6	69
46	Search for light vector boson production in $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- Z^0$	1.1	87
47	Measurement of the ratio of the branching ratios of $\tilde{\chi}^0 \rightarrow e^+e^- \gamma$ and $\tilde{\chi}^0 \rightarrow \mu^+\mu^- \gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 459-464.	1.1	87
48	The front-end electronics and the data acquisition system for a kinetic inductance detector. , 2014, , .		0
49	A real-time DAQ system for a Kinetic Inductance Detector. , 2014, , .		0
50	Evidence of a geomagnetic effect on extensive air showers detected with the ARGO-YBJ experiment. Physical Review D, 2014, 89, .	1.6	4
51	Energy spectrum of cosmic protons and helium nuclei by a hybrid measurement at 4300 m a.s.l.. Chinese Physics C, 2014, 38, 045001.	0.5	0
52	Energy spectrum of cosmic protons and helium nuclei by a hybrid measurement at 4300 m a.s.l.. Chinese Physics C, 2014, 38, 045001.	1.5	31
53	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	1.4	58
54	Measurement of the production cross-section of $\tilde{\chi}^0 \rightarrow e^+e^- \gamma$ and $\tilde{\chi}^0 \rightarrow \mu^+\mu^- \gamma$ in pp collisions at $\sqrt{s}=7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21

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55	IDENTIFICATION OF THE TeV GAMMA-RAY SOURCE ARGO J2031+4157 WITH THE CYGNUS COCOON. <i>Astrophysical Journal</i> , 2014, 790, 152.	1.6	73
56	SEARCH FOR GeV GAMMA-RAY BURSTS WITH THE ARGO-YBJ DETECTOR: SUMMARY OF EIGHT YEARS OF OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 794, 82.	1.6	11
57	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	42
58	Radon contribution to single particle counts of the ARGO-YBJ detector. <i>Radiation Measurements</i> , 2014, 68, 42-48.	0.7	1
59	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 2895.	1.4	13
60	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014, 74, 2941.	1.4	204
61	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	23
62	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 2982.	1.4	22
63	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3023.	1.4	77
64	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	22
65	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	88
66	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	35
67	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	36
68	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	59
69	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	145
70	Search for supersymmetry at $\sqrt{s} = 8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	45
71	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	25
72	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	59

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73	Measurement of $\tilde{t} \rightarrow c1$ and $\tilde{t} \rightarrow c2$ production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
74	Search for direct top squark pair production in events with a Z boson, b -jets and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	1.4	55
75	Test of CPT and Lorentz symmetry in entangled neutral kaons with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 89-94.	1.5	54
76	The cylindrical GEM detector for the KLOE-2 Inner Tracker. Journal of Instrumentation, 2014, 9, C01014-C01014.	0.5	17
77	Status and perspectives for the INFN Frascati National Laboratory. Journal of Instrumentation, 2014, 9, C06009-C06009.	0.5	0
78	APD readout for Belle II endcap calorimeter upgrade with undoped Cesium Iodide crystals. , 2014, , .		0
79	Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
80	Measurement of the cross-section for W boson production in association with b -jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
81	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
82	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	137
83	Measurement of ZZ production in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and $ZZ\tilde{\chi}^0$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
84	Search for charged Higgs bosons through the violation of lepton universality in $t \rightarrow b \tau \nu$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
85	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
86	Measurement of k_T splitting scales in $W \rightarrow \tau \nu$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
87	Search for a light charged Higgs boson in the decay channel $H^{\pm} \rightarrow c \bar{s}$ in $t \rightarrow b \tau \nu$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	1.4	119
88	Precision measurement of $\langle m_{\tilde{t}_1} \rangle$		

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91	Measurement of the differential cross-section of B + meson production in pp collisions at $\sqrt{s}=7$ TeV at ATLAS. Journal of High Energy Physics, 2013, 2013, 1.	1.6	31
92	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
93	Improved luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362
94	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76 \text{ TeV}$ and comparison to the inclusive jet cross-section at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	1.4	105
95	Multi-channel search for squarks and gluinos in $\sqrt{s}=7 \text{ TeV}$ pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	1.4	34

96

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109	KLOE results in flavour physics and prospects for KLOE-2. Nuclear Physics, Section B, Proceedings Supplements, 2013, 241-242, 24-27. CASTONE64: A new front-end ASIC for the cylindrical GEM Inner Tracker of KLOE-2 experiment at <mml:math altimg="si0004.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.. Nuclear Construction and test of the cylindrical-GEM detectors for the KLOE-2 Inner Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 221-224.	0.5	0
110	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	61
111	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	45
112	Measurement of $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}})$ at $\sqrt{s} = 7$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 910-914.	1.4	15
113	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 1.	1.4	15
114	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	1.4	45
115	Jet energy resolution in proton-proton collisions at $\sqrt{s} = 7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	1.4	209
116	Measurement of the $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}})$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	1.4	45
117	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	1.2	15
118	OBSERVATION OF TeV GAMMA RAYS FROM THE UNIDENTIFIED SOURCE HESS J1841-055 WITH THE ARGO-YBJ EXPERIMENT. Astrophysical Journal, 2013, 767, 99.	1.6	25
119	TeV GAMMA-RAY SURVEY OF THE NORTHERN SKY USING THE ARGO-YBJ DETECTOR. Astrophysical Journal, 2013, 779, 27.	1.6	64
120	Medium scale anisotropy in the TeV cosmic ray flux observed by ARGO-YBJ. Physical Review D, 2013, 88, .	1.6	57
121	Front end strategy for the DAQ system of a Kinetic Inductance Detector. , 2013, , .		0
122	Front-end DAQ strategy and implementation for the KLOE-2 experiment. Journal of Instrumentation, 2013, 8, T04004-T04004.	0.5	11
123	Development of CGEM Technology for Ultra-light Tracking Detectors: the KLOE-2 Inner Tracker. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 1053.	0.0	8
124	A new DAQ system strategy and its implementation for the KLOE-2 experiment. , 2012, , .		0

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127	Light-component spectrum of the primary cosmic rays in the multi-TeV region measured by the ARGO-YBJ experiment. <i>Physical Review D</i> , 2012, 85, .	1.6	49
128	The SuperBFactory Electromagnetic Calorimeter. <i>Journal of Physics: Conference Series</i> , 2012, 404, 012065.	0.3	1
129	OBSERVATION OF THE TeV GAMMA-RAY SOURCE MGRO J1908+06 WITH ARGO-YBJ. <i>Astrophysical Journal</i> , 2012, 760, 110.	1.6	38
130	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7, \text{ext}\{\text{TeV}\}$ with the ATLAS detector using final states with two high-p T leptons. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	45
131	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7; \text{ext}\{\text{TeV}\}$ pp collisions with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	88
132	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	12
133	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7; \text{TeV}$ proton-proton collisions. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	53
134	A search for $\overline{t}t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	40
135	Search for the Standard Model Higgs boson in the $H \rightarrow b\bar{b}, \tau\bar{\tau}, \gamma\gamma$ decay mode in $\sqrt{s} = 7, \text{mathrm}\{\text{TeV}\}$ pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	43
136	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7; \text{TeV}$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	34
137	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with ATLAS. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	15
138	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	54
139	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	54
140	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7; \text{mathrm}\{\text{TeV}\}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	17
141	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7; \text{mathrm}\{\text{TeV}\}$ pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	48
142	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7; \text{mathrm}\{\text{TeV}\}$ pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	13
143	Measurement of the cosmic ray antiproton/proton flux ratio at TeV energies with the ARGO-YBJ detector. <i>Physical Review D</i> , 2012, 85, .	1.6	22
144	Production and test of the first triple-GEM cylindrical layers of the KLOE-2 Inner Tracker. , 2012, , .		1

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145	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	248
146	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	100
147	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	13
148	Measurement of $t\bar{t}$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	1.4	109
149	A search for $t\bar{t}$ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2083.	1.4	25
150	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	37
151	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	16
152	Measurement of $W \hat{\Delta} Z$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	59
153	Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	25
154	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	22
155	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	13
156	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions. European Physical Journal C, 2012, 72, 1.	1.4	31
157	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	36

158

#	ARTICLE	IF	CITATIONS
163	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^- \gamma$ in $t \bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	126
164	Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	57
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