

Paolo Valente

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4987260/paolo-valente-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

227
papers

7,839
citations

47
h-index

81
g-index

233
ext. papers

8,591
ext. citations

3.2
avg, IF

3.38
L-index

#	Paper	IF	Citations
227	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , 2010 , 70, 823-874	4.2	817
226	Performance of the ATLAS Trigger System in 2010. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	232
225	Performance of missing transverse momentum reconstruction in proton-proton collisions at ($\sqrt{s} = 7 \text{ TeV}$) with ATLAS. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	217
224	The tracking detector of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 488, 51-73	1.2	210
223	Jet energy measurement with the ATLAS detector in proton-proton collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	209
222	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 482, 364-386	1.2	209
221	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	199
220	Measurement of $\sigma(\text{pp} \rightarrow \text{e}^+\text{e}^-)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 12-24	4.2	182
219	Luminosity determination in pp collisions at ($\sqrt{s} = 7$) TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	167
218	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at ($\sqrt{s} = 7$) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	138
217	Study of the decay $\text{B} \rightarrow \text{e}^+\text{e}^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 537, 21-27	4.2	136
216	Measurement of $\sigma(\text{e}^+\text{e}^- \rightarrow \text{B} \rightarrow \text{e}^+\text{e}^-)$ and the dipion contribution to the muon anomaly with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 285-291	4.2	123
215	High-efficiency volume reflection of an ultrarelativistic proton beam with a bent silicon crystal. <i>Physical Review Letters</i> , 2007 , 98, 154801	7.4	113
214	Search for charged Higgs bosons decaying via $\text{H}^\pm \rightarrow \text{t} \bar{\text{t}}$ events using pp collision data at ($\sqrt{s} = 7 \text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	112
213	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	103
212	Study of the decay $\text{B} \rightarrow \text{e}^+\text{e}^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 209-216	4.2	96
211	Commissioning of the DANIE beam test facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 524-542	1.2	94

210	First results on the SPS beam collimation with bent crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 78-82	4.2	86
209	Measurement of the pseudoscalar mixing angle and θ_{13} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 648, 267-273	4.2	86
208	Measurement of $[B \rightarrow D^* \ell \bar{\nu}_\ell]$ production with a veto on additional central jet activity in collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2043	4.2	82
207	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 1193-1236	4.2	82
206	Test of "crab-waist" collisions at the DAPHNE Phi factory. <i>Physical Review Letters</i> , 2010 , 104, 174801	7.4	80
205	Data handling, reconstruction, and simulation for the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 534, 403-433	1.2	79
204	Measurement of the charge asymmetry in top quark pair production in collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2039	4.2	78
203	Search for heavy neutrinos and right-handed bosons in events with two leptons and jets in collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2056	4.2	78
202	Measurement of the pressure dependence of air fluorescence emission induced by electrons. <i>Astroparticle Physics</i> , 2007 , 28, 41-57	2.4	75
201	The trigger system of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 492, 134-146	1.2	73
200	Precision measurement of the ratio of the charged kaon leptonic decay rates. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 326-336	4.2	72
199	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	70
198	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , 2010 , 70, 787-821	4.2	70
197	Observation of channeling for 6500 GeV/c protons in the crystal assisted collimation setup for LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 129-133	4.2	70
196	The beam and detector of the NA62 experiment at CERN. <i>Journal of Instrumentation</i> , 2017 , 12, P05025-P0502569	4.2	69
195	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	67
194	Study of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 148-154	4.2	67
193	First observation of quantum interference in the process $B \rightarrow K^* \ell \bar{\nu}_\ell$: A test of quantum mechanics and CPT symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 642, 315-321	4.2	60

192	A triple GEM detector with pad readout for high rate charged particle triggering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 488, 493-502	1.2	59
191	Measurement of the W and Z/ν_e production cross sections in proton-proton collisions at ($\sqrt{s} = 7\text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	58
190	Measurements of the absolute branching ratios for the dominant ρ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 43-50	4.2	55
189	Measurement of the inclusive and dijet cross-sections of b -jets in pp collisions at ($\sqrt{s}=7\text{ TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	53
188	Dalitz plot analysis of $e^+e^- \rightarrow \rho^0 \pi^0$ events at ($\sqrt{s} \simeq M_{\rho^0}$) with the KLOE detector. <i>European Physical Journal C</i> , 2007 , 49, 473	4.2	53
187	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
186	Comparative results on collimation of the SPS beam of protons and Pb ions with bent crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 547-551	4.2	52
185	Study of the branching ratio and charge asymmetry for the decay $K_S^0 \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 173-182	4.2	52
184	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	51
183	Volume reflection dependence of 400 GeV/c protons on the bent crystal curvature. <i>Physical Review Letters</i> , 2008 , 101, 234801	7.4	50
182	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	5.4	48
181	Experimental study of the radiation emitted by 180 MeV electrons and positrons volume-reflected in a bent crystal. <i>Physical Review A</i> , 2009 , 79,	2.6	47
180	Study of the $a_0(980)$ meson via the radiative decay $\rho^0 \rightarrow \pi^0 \gamma$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 5-13	4.2	46
179	Deflection of 400 GeV/c proton beam with bent silicon crystals at the CERN Super Proton Synchrotron. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2008 , 11,		45
178	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	44
177	Precise measurement of $\Gamma(K \rightarrow \pi \pi)/\Gamma(K \rightarrow \mu \mu)$ and study of $K \rightarrow \pi \pi$ <i>European Physical Journal C</i> , 2009 , 64, 627-636	4.2	44
176	Measurement of the cross section for top-quark pair production in pp collisions at ($\sqrt{s} = 7\text{ TeV}$) with the ATLAS detector using final states with two high- p_T leptons. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	43
175	High-efficiency deflection of high-energy protons through axial channeling in a bent crystal. <i>Physical Review Letters</i> , 2008 , 101, 164801	7.4	43

174	Study of the decay B_s^0 with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 55-60	4.2	43
173	Measurement of the top quark mass with the template method in the $[Z \rightarrow \mu^+ \mu^-]$ channel using ATLAS data. <i>European Physical Journal C</i> , 2012 , 72, 2046	4.2	42
172	Measurement of $\langle \sigma \rangle$ and the pseudoscalar mixing angle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 541, 45-51	4.2	42
171	Strong reduction of the off-momentum halo in crystal assisted collimation of the SPS beam. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 231-236	4.2	41
170	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	41
169	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $(\sqrt{s}=7\text{ TeV})$ proton-proton collisions with the ATLAS experiment. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	41
168	Observation of nuclear dechanneling for high-energy protons in crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 129-132	4.2	41
167	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 723-753	4.2	41
166	Measurement of the absolute branching ratio for the $B_s^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 76-80	4.2	38
165	Measurement of the form-factor slopes for the decay $KL \rightarrow \pi^0 e^+ e^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 166-172	4.2	38
164	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$ decay mode in $(\sqrt{s} = 7\text{ TeV})$ pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
163	Limits on the production of the standard model Higgs boson in pp collisions at $(\sqrt{s} = 7)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	37
162	Search for massive colored scalars in four-jet final states in $(\sqrt{s}=7\text{ TeV})$ proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	37
161	Study of the process $B_s^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 223-228	4.2	36
160	Measurement of the DAΦNE luminosity with the KLOE detector using large angle Bhabha scattering. <i>European Physical Journal C</i> , 2006 , 47, 589	4.2	36
159	Search for second generation scalar leptoquarks in pp collisions at $(\sqrt{s}=7\text{ TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	35
158	Observation of multiple volume reflection of ultrarelativistic protons by a sequence of several bent silicon crystals. <i>Physical Review Letters</i> , 2009 , 102, 084801	7.4	35
157	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $(\sqrt{s} = 7\text{ TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	34

156	A global fit to determine the pseudoscalar mixing angle and the gluonium content of the Ω meson. <i>Journal of High Energy Physics</i> , 2009 , 2009, 105-105	5-4	33
155	Search for heavy neutral lepton production in K^+ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 778, 137-145	4-2	32
154	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$ with the ATLAS experiment. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	31
153	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	5-4	31
152	Inclusive search for same-sign dilepton signatures in pp collisions at $(\sqrt{s} = 7) \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	31
151	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $(\sqrt{s}=900) \text{ GeV}$ and $(\sqrt{s}=7) \text{ TeV}$ with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4-2	30
150	Measurement of the α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 15-23	4-2	30
149	The PADME experiment at LNF. <i>EPJ Web of Conferences</i> , 2015 , 96, 01025	0-3	29
148	A direct search for the CP-violating decay $B \rightarrow \pi \ell^+ \ell^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 619, 61-70	4-2	28
147	Test of lepton flavour universality in $K^+ \rightarrow \pi^0 \ell^+ \ell^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 105-114	4-2	27
146	Observation of focusing of 400 GeV/c proton beam with the help of bent crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 366-372	4-2	26
145	Temperature and humidity dependence of air fluorescence yield measured by AIRFLY. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 597, 50-54	1-2	26
144	Study of the $K_B \rightarrow \pi \ell^+ \ell^-$ decay by the NA62 experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 732, 65-74	4-2	25
143	Dark photon production through positron annihilation in beam-dump experiments. <i>Physical Review D</i> , 2018 , 98,	4-9	24
142	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	23
141	Double volume reflection of a proton beam by a sequence of two bent crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 658, 109-111	4-2	23
140	Measurement of the \bar{D} electromagnetic transition form factor slope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 768, 38-45	4-2	22
139	Novel Way to Search for Light Dark Matter in Lepton Beam-Dump Experiments. <i>Physical Review Letters</i> , 2018 , 121, 041802	7-4	22

138	Measurement of the branching ratio of the η . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 140-145	4.2	21
137	Mirroring of 400 GeV/c protons by an ultra-thin straight crystal. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 1-6	4.2	20
136	Scalar mesons at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 186, 290-293		20
135	Measurement of the η . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 16-21	4.2	20
134	Upper limit on the η branching ratio with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 276-280	4.2	20
133	Spectrally resolved pressure dependence measurements of air fluorescence emission with AIRFLY. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 597, 41-45	1.2	19
132	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 494, 326-331	1.2	19
131	Search for heavy neutral lepton production in K^+ decays to positrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135599	4.2	19
130	Search for heavy neutrinos in K^+ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 712-718	4.2	18
129	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $(\sqrt{s}=7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	18
128	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $(\sqrt{s}=7) \text{ TeV}$ proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	18
127	Observation of parametric X-rays produced by 400 GeV/c protons in bent crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 180-185	4.2	18
126	Applications in beam diagnostics with triple GEM detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 237-241	1.2	18
125	Apparatus to study crystal channeling and volume reflection phenomena at the SPS H8 beamline. <i>Review of Scientific Instruments</i> , 2008 , 79, 023303	1.7	18
124	Measurement of polarization in η decays with the ATLAS detector in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2062	4.2	17
123	The UA9 experimental layout. <i>Journal of Instrumentation</i> , 2011 , 6, T10002-T10002	1	17
122	PRESENT STATUS OF THE DANIE UPGRADE AND PERSPECTIVES. <i>International Journal of Modern Physics A</i> , 2009 , 24, 360-368	1.2	17
121	Energy dependence of air fluorescence yield measured by AIRFLY. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 597, 46-49	1.2	17

120	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	16
119	Calibration and performances of the KLOE calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 239-243	1.2	16
118	Precise measurement of $\Gamma(K_S \rightarrow \pi\pi)/\Gamma(K_S \rightarrow 00)$ with the KLOE detector at DANIE. <i>European Physical Journal C</i> , 2006 , 48, 767	4.2	16
117	The QCAL tile calorimeter of KLOE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 483, 649-659	1.2	16
116	Measurement of $\Gamma(K_S \rightarrow 00)/\Gamma(K_S \rightarrow 00)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 538, 21-26	4.2	16
115	Performance of the PADME Calorimeter prototype at the DANIE BTF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 862, 31-35	1.2	15
114	Optimization of the crystal assisted collimation of the SPS beam. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 182-186	4.2	15
113	Search for diphoton events with large missing transverse energy with 36 pb ⁻¹ of 7 TeV proton-proton collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	15
112	Measurement of the branching ratio and search for a CP violating asymmetry in the $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 283-288	4.2	15
111	A novel method for the absolute fluorescence yield measurement by AIRFLY. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 597, 55-60	1.2	15
110	Data acquisition and monitoring for the KLOE detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 516, 288-314	1.2	15
109	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	14
108	A search for χ_{c0} resonances with the ATLAS detector in 2.05 fb of proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 2083	4.2	14
107	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C</i> , 2010 , 70, 875-916	4.2	14
106	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	14
105	Observation of strong leakage reduction in crystal assisted collimation of the SPS beam. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 748, 451-454	4.2	13
104	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13
103	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13

102	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb ⁻¹ of ATLAS data. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	13
101	First results about on-ground calibration of the silicon tracker for the AGILE satellite. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 251-257	1.2	13
100	Upper limit on the $B \rightarrow \mu \mu$ branching ratio with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 591, 49-54	4.2	13
99	Measurement of the branching fraction for the decay $K_S \rightarrow \mu \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 535, 37-42	4.2	13
98	Measurement of the leptonic decay widths of the ρ -meson with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 608, 199-205	4.2	13
97	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C</i> , 2010 , 70, 755-785	4.2	12
96	Particle acoustic detection in gravitational wave aluminum resonant antennas. <i>Astroparticle Physics</i> , 2005 , 24, 65-74	2.4	12
95	Measurement of W and Z production in proton-proton collisions at $(\sqrt{s} = 7)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	11
94	Search for lepton flavour violation in the continuum with the ATLAS detector in [Formula: see text] collisions at the LHC. <i>European Physical Journal C</i> , 2012 , 72, 2040	4.2	10
93	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	5.4	10
92	Precision measurement of the K_S meson lifetime with the KLOE detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	10
91	Search for the $K_S \rightarrow e \mu$ decay with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 672, 203-208	4.2	10
90	Search for the decay $K_S \rightarrow \mu \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 10-14	4.2	10
89	Determination of $B \rightarrow \mu \mu$ Dalitz plot slopes and asymmetries with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 006-006	5.4	10
88	Measurement of the ratio $\Gamma(K_L \rightarrow \mu \mu) / \Gamma(K_S \rightarrow \mu \mu)$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 566, 61-69	4.2	10
87	Performance and upgrade of the DAFNE Beam Test Facility (BTF). <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 824-829	1.7	10
86	The KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 25-28	1.2	10
85	Italian neutron sources. <i>European Physical Journal Plus</i> , 2014 , 129, 1	3.1	9

84	Deflection of high energy protons by multiple volume reflections in a modified multi-strip silicon deflector. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014 , 338, 108-111	1.2	8
83	System test of the ATLAS muon spectrometer in the H8 beam at the CERN SPS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 593, 232-254	1.2	8
82	Acoustic detection of high-energy electrons in a superconducting niobium resonant bar. <i>Europhysics Letters</i> , 2006 , 76, 987-993	1.6	8
81	Measurement of the branching ratio for the decay $K_S^0 \rightarrow \mu^+ \mu^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 139-144	4.2	8
80	Measuring the hadronic cross section via radiative return. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 116, 243-248		8
79	Performance of the Prototype of the Charged-Particle Veto System of the PADME Experiment. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 2029-2035	1.7	7
78	Characterization of a tagged μ^- . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 674, 55-66	1.2	7
77	Experimental study of high energy electron interactions in a superconducting aluminum alloy resonant bar. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 373, 1801-1806	2.3	7
76	Measurement of the absolute branching ratio of the $K_S^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 305-310	4.2	7
75	Calibration and reconstruction performances of the KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 344-347	1.2	7
74	Search for K^+ decays to a muon and invisible particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 816, 136259	4.2	7
73	Characterization and performance of PADME's Cherenkov-based small-angle calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 919, 89-97	1.2	7
72	GEM-based detectors for thermal and fast neutrons. <i>European Physical Journal Plus</i> , 2015 , 130, 1	3.1	6
71	Study of the ATLAS MDT spectrometer using high energy CERN combined test beam data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 400-415	1.2	6
70	Luminosity and background measurements at the e+e- collider upgraded with the crab waist scheme. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 621, 121-129	1.2	6
69	Construction of the inner layer barrel drift chambers of the ATLAS muon spectrometer at the LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 546, 481-497	1.2	6
68	Test of a small prototype of the KLOE drift chamber in magnetic field. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 449, 237-247	1.2	6
67	Development and test of a DRS4-based DAQ system for the PADME experiment at the DANIE BTF. <i>Journal of Physics: Conference Series</i> , 2017 , 898, 032024	0.3	5

66	The NA62 LAV front-end electronics. <i>Journal of Instrumentation</i> , 2012 , 7, C01097-C01097	1	5
65	Description and performances of luminosity and background detectors at the upgraded e+e ⁻ collider. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 621, 157-170	1.2	5
64	The full-length prototype of the KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 404, 248-264 ^{1.2}		5
63	Electrostatic digital method of wire tension measurement for KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 63-64	1.2	5
62	dE/dx measurement in a He-based gas mixture. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 390-394 ^{1.2}		5
61	DAΦNE Upgrade Status. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2008 , 181-182, 385-389		5
60	Measurement of the KL-form factor parameters with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 105-105	5.4	5
59	RAP: thermoacoustic detection at the DAΦNE beam test facility. <i>Classical and Quantum Gravity</i> , 2004 , 21, S1197-S1201	3.3	5
58	Long beam pulses with SLED compression in DAΦNE LINAC. <i>Journal of Physics: Conference Series</i> , 2017 , 874, 012017	0.3	4
57	Comparative results on the deflection of positively and negatively charged particles by multiple volume reflections in a multi-strip silicon deflector. <i>JETP Letters</i> , 2015 , 101, 679-684	1.2	4
56	Vibrational excitation induced by electron beam and cosmic rays in normal and superconductive aluminum bars. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 659, 289-298	1.2	4
55	Calibration of AGILE-GRID with On-ground Data and Monte Carlo Simulations. <i>Astrophysical Journal</i> , 2018 , 861, 125	4.7	4
54	Observation of nuclear dechanneling length reduction for high energy protons in a short bent crystal. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 440-443 ^{4.2}		3
53	GEANT4-based full simulation of the PADME experiment at the DAΦNE BTF. <i>Journal of Physics: Conference Series</i> , 2017 , 898, 042025	0.3	3
52	Performance of the NA62 LAV front-end electronics. <i>Journal of Instrumentation</i> , 2013 , 8, C01020-C01020		3
51	Photo-neutron source by high energy electrons on target: Comparison between Monte Carlo predictions and experimental measurements 2010 ,		3
50	Feasibility study of a neutron source at the daΦne beam test facility, using Monte Carlo codes 2009 ,		3
49	Measurement of the absolute branching ratios for semileptonic K _s decays with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 098-098	5.4	3

48	A study of the radiative KL ⁰ decay and search for direct photon emission with the KLOE detector. <i>European Physical Journal C</i> , 2008 , 55, 539	4.2	3
47	Acoustic detection of particles in ultracryogenic resonant antenna (RAP). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 261-263	1.2	3
46	The KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 379, 414-416	1.2	3
45	Characterisation and performance of the PADME electromagnetic calorimeter. <i>Journal of Instrumentation</i> , 2020 , 15, T10003-T10003	1	3
44	An experimental program with high duty-cycle polarized and unpolarized positron beams at Jefferson Lab. <i>European Physical Journal A</i> , 2021 , 57, 1	2.5	3
43	MEASUREMENT OF THE THERMAL EXPANSION COEFFICIENT OF AN Al-Mg ALLOY AT ULTRA-LOW TEMPERATURES. <i>International Journal of Modern Physics B</i> , 2013 , 27, 1350119	1.1	2
42	The large-angle photon veto system for the NA62 experiment at the CERN SPS. <i>Journal of Physics: Conference Series</i> , 2012 , 404, 012022	0.3	2
41	The KLOE Drift Chamber construction. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 419, 320-325	1.2	2
40	Measurement of the charged kaon lifetime with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 073-073	5.4	2
39	The barrel-inner-large tracking chambers for the ATLAS muon spectrometer: Ready for installation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 573, 340-360	1.2	2
38	Diagnostics and Upgrade of the DAFNE Beam Test Facility (BTF). <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 150, 362-365		2
37	Dark Matter Searches at LNF. <i>Universe</i> , 2021 , 7, 236	2.5	2
36	Light dark matter searches with positrons. <i>European Physical Journal A</i> , 2021 , 57, 1	2.5	2
35	A test system for the front-end electronics of the PADME charged particle detector system 2017 ,		1
34	Status of positron beams for dark photons experiments. <i>EPJ Web of Conferences</i> , 2017 , 142, 01028	0.3	1
33	RECENT RESULTS FROM KLOE AT DAFNE. <i>International Journal of Modern Physics E</i> , 2009 , 18, 231-240	0.7	1
32	Multi-GeV electron spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 623, 704-708	1.2	1
31	The construction of the KLOE drift chamber: Present status KLOE Drift Chamber Group. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 87-89	1.2	1

30	Precise measurements of the η meson and the neutral kaon masses with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 073-073	5.4	1
29	A 32 channels charge integrating ADC based on digital signal integration. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 562, 141-145	1.2	1
28	The hadronic cross section measurement at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 144, 231-237		1
27	RAPID ACOUSTIC DETECTION OF PARTICLES: FIRST RESULTS AT 4.2 K. <i>International Journal of Modern Physics A</i> , 2005 , 20, 7054-7056	1.2	1
26			
25	Precision tests of the Standard Model with Kaon decays at CERN. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 1671-1677	0.4	1
24	Proposal for Using DANIE as Pulse Stretcher for the Linac Positron Beam. <i>Journal of Physics: Conference Series</i> , 2018 , 1067, 062006	0.3	1
23	The Large Angle Photon Veto System for the NA62 Experiment at CERN. <i>Physics Procedia</i> , 2012 , 37, 293-300		0
22	Future charged kaon decay experiments. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007 , 167, 51-54		0
21	The physics program of the PADME experiment. <i>Physica Scripta</i> , 2022 , 97, 024003	2.6	0
20	Search for Lepton Number and Flavor Violation in K^{*+} and $\eta\{0\}$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 131802	7.4	0
19	Study of η Dalitz decays in the NA62 and NA48/2 experiments. <i>Nuclear and Particle Physics Proceedings</i> , 2017 , 282-284, 106-110	0.4	
18	Recent results and prospects on kaon physics at CERN. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 245, 223-230		
17	Prospects for observation at CERN in NA62. <i>Journal of Physics: Conference Series</i> , 2015 , 631, 012041	0.3	
16	Calorimeters for absolute luminosity at upgraded DANIE. <i>Journal of Physics: Conference Series</i> , 2009 , 160, 012010	0.3	
15	Detectors for absolute luminosity measurement at DANIE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 453-456	1.2	
14	Results from the full-length prototype of the KLOE Drift Chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 84-86	1.2	
13	Measurement of the K_S^0 branching ratio using a pure K_S^0 beam with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 051-051	5.4	

- 12 | $|\text{V}_{us}|$ and lepton universality from kaon decays with the KLOE detector. *Journal of High Energy Physics*, **2008**, 2008, 059-059 5.4
- 11 | The RAP experiment: Acoustic Detection of Particles. *Nuclear Physics, Section B, Proceedings Supplements*, **2007**, 172, 219-223
- 10 | LATEST RESULTS FROM KLOE AT DANIE. *International Journal of Modern Physics A*, **2007**, 22, 357-364 1.2
- 9 | Acoustic detection of particles, the RAP experiment: present status and results. *Journal of Physics: Conference Series*, **2006**, 39, 46-48 0.3
- 8 | First results of the RAP experiment (acoustic detection of particles) in the low temperature regime. *Journal of Physics: Conference Series*, **2006**, 32, 393-397 0.3
- 7 | KLOE results on kaon decays and phi radiative decays. *Nuclear Physics, Section B, Proceedings Supplements*, **2003**, 115, 145-149
- 6 | Studies of η meson radiative decays with KLOE. *Nuclear Physics, Section B, Proceedings Supplements*, **2003**, 117, 677-680
- 5 | Meson decay studies with the KLOE detector at DANIE. *Nuclear Physics A*, **2005**, 752, 175-184 1.3
- 4 | The KLOE trigger system. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2001**, 461, 465-469 1.2
- 3 | The AMY experiment: Microwave emission from air shower plasmas. *EPJ Web of Conferences*, **2016**, 121, 03010 0.3
- 2 | NA62 and NA48/2 results on search for Heavy Neutral Leptons. *EPJ Web of Conferences*, **2018**, 179, 01009.3
- 1 | The PADME detector. *Physica Scripta*, **2021**, 96, 124026 2.6