Enrico Scomparin

List of Publications by Year
in descending order

59 papers	4,062 citations	236833 25 h-index	155592 55 g-index
60 all docs	60 docs citations	60 times ranked	5857 citing authors

#	Article	IF	Citations
1	Heavy quarkonium: progress, puzzles, and opportunities. European Physical Journal C, 2011, 71, 1.	1.4	1,324
2	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	1.4	441
3	Heavy-flavour and quarkonium production in the LHC era: from protonâ€“proton to heavy-ion collisions. European Physical Journal C, 2016, 76, 107.	1.4	400
4	Production of pions, kaons and protons in pp collisions at $sqrt{s}= 900~mathrm{GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	209
5	Measurement of pion, kaon and proton production in protonâ€“proton collisions at $$sqrt{s} = 7$$ s = 7 TeV. European Physical Journal C, 2015, 75, 226.	1.4	149
6	Strange particle production in protonâ€“proton collisions at $sqrt{s}=0.9$ $mbox {${m TeV}$}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	140
7	First protonâ€“proton collisions at the LHC as observed withÂtheÂALICE detector: measurement of the charged-particle pseudorapidity density at $sqrt{s}=900$ ÂGeV. European Physical Journal C, 2010, 65, 111-125.	1.4	124
8	Production of Kâˆ—(892)0 and Ï•(1020) in pp collisions at $sqrt{s}=7 mathrm{TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	111
9	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ïˆ</mml:mi></mml:math>Production in Indium-Indium Collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>158</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>GeV</mml:mi><mathvariant="normal">Nucleon</mml:mtext></mml:math>. Physical Review Letters, 2007, 99, 132302.	2.9	110
10	J/Ïˆ and Ïˆâ€² production and their normal nuclear absorption in proton-nucleus collisions at 400â€‰GeV. European Physical Journal C, 2006, 48, 329-341.	1.4	101
11	Neutral pion production at midrapidity in pp and Pbâ€“Pb collisions at $$sqrt{s_{{mathrm {NN}}}}= 2.76,{mathrm {TeV}}$$ s NN = 2.76 TeV. European Physical Journal C, 2014, 74, 1.	1.4	72
12	Charged-particle multiplicities in protonâ€“proton collisions at $$sqrt{s} = 0.9$$ s = 0.9 to 8ÂTeV. European Physical Journal C, 2017, 77, 1.	1.4	62
13	Ïˆâ€² production in Pbâ€“Pb collisions at 158â€‰GeV/nucleon. European Physical Journal C, 2007, 49, 559-567.	1.4	55
14	Charmonia and Drellâ€“Yan production in protonâ€“nucleus collisions at the CERN SPS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 167-178.	1.5	49
15	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at s N N = 2.76 $$ sqrt{s_{mathrm{NN}}}=2.76 $$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	48
16	Quartz fiber calorimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 361, 161-179.	0.7	47
17	A low-resistivity RPC for the ALICE dimuon arm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 462-473.	0.7	46
18	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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19	The quartz-fiber Zero-Degree Calorimeter for the NA50 experiment at CERN SPS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 411, 1-16.	0.7	41
20	$$pi ^{0}$$ Ï€ 0 and $$eta $$ Î· meson production in proton-proton collisions at $$sqrt{s}=8$$ s = 8 TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
21	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $sqrt{s} = 0.9, 2.76mbox{ and }7mbox{ TeV}$ measured by ALICE. European Physical Journal C, 2013, 73, 1.	1.4	31
22	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pâ€“Pb, and Pbâ€“Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	1.4	30
23	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
24	Transverse momentum distribution of J/Î¨ produced in PbPb and p-A interactions at the CERN SPS. Nuclear Physics A, 2003, 715, 675c-678c.	0.6	25
25	J/Î¨ production in p-A collisions at 158 and 400 GeV: recent results from the NA60 experiment. Nuclear Physics A, 2009, 830, 239c-242c.	0.6	25
26	A dual threshold technique to improve the time resolution of resistive plate chambers in streamer mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 457, 117-125.	0.7	24
27	Spatial resolution of RPC in streamer mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 490, 51-57.	0.7	23
28	Prompt D0, D+, and D*+ production in Pbâ€“Pb collisions at $$ sqrt{s_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	23
29	Ageing tests on the low-resistivity RPC for the ALICE dimuon arm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 106-109.	0.7	21
30	The Neutron Zero Degree Calorimeter for the ALICE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 564, 235-242.	0.7	19
31	J/Î¨ production in Inâ€“In and pâ€“A collisions. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S463-S469.	1.4	16
32	Beam and ageing tests with a highlyâ€“saturated avalanche gas mixture for the ALICE pâ€“p data taking. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 149-153.	0.5	15
33	Influence of temperature and humidity on bakelite resistivity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 140-142.	0.7	13
34	Aging tests and chemical analysis of Resistive Plate Chambers for the trigger of the ALICE dimuon arm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 112-115.	0.7	13
35	Charm and intermediate mass dimuons in In-In collisions. Nuclear Physics A, 2006, 774, 677-680.	0.6	13
36	Resistive plate chamber for thermal neutron detection. Nuclear Instruments & Methods in Physics Research B, 2004, 213, 284-288.	0.6	12

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37	Production of pions, kaons, (anti-)protons and $$phi $$ mesons in Xeâ€“Xe collisions at $$sqrt{s_{mathrm{NN}}}$$Â=Â5.44 TeV. European Physical Journal C, 2021, 81, 1.	1.4	12
38	Physics performance of the ALICE Zero Degree Calorimeter. Nuclear Physics, Section B, Proceedings Supplements, 2009, 197, 206-210.	0.5	9
39	RPC for thermal neutron detection. Journal of Physics: Conference Series, 2006, 41, 384-390.	0.3	7
40	Design and Performance of the ALICE Muon Trigger System. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 21-24.	0.5	7
41	Performance of the Zero Degree Calorimeters for the ALICE Experiment. IEEE Transactions on Nuclear Science, 2007, 54, 567-573.	1.2	6
42	CBM Experiment. Lecture Notes in Physics, 2011, , 849-972.	0.3	6
43	production in p-p collisions at in the ALICE experiment. Nuclear Physics, Section B, Proceedings Supplements, 2011, 214, 56-59.	0.5	6
44	Overview on production and first results of the tests on the RPCs for the ALICE dimuon trigger. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 83-86.	0.5	5
45	The Readout System for the ALICE Zero Degree Calorimeters. IEEE Transactions on Nuclear Science, 2011, 58, 1759-1765.	1.2	5
46	Final results of the tests on the resistive plate chambers for the ALICE muon arm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 740-743.	0.7	4
47	Commissioning and calibration of the Zero Degree Calorimeters for the ALICE experiment. Nuclear Physics, Section B, Proceedings Supplements, 2009, 197, 211-214.	0.5	4
48	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $$ sqrt{s_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
49	Production of $$omega $$ mesons in pp collisions at $$mathbf {sqrt{s}=7,ext {TeV}}$$. European Physical Journal C, 2020, 80, 1.	1.4	4
50	The trigger of the ALICE dimuon arm: Architecture and detectors. Nuclear Physics A, 1999, 661, 712-715.	0.6	2
51	Comissioning and calibration of the Zero Degree Calorimeters for the ALICE experiment. Journal of Physics: Conference Series, 2009, 160, 012060.	0.3	2
52	Heavy quarkonium: progress, puzzles, and opportunities. Advances in the Physics of Particles and Nuclei, 2011, , 1-178.	0.1	2
53	Zero degree Cherenkov calorimeters for the ALICE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 595, 267-269.	0.7	1
54	CHARMONIUM PRODUCTION IN Pbâ€“Pb COLLISIONS AT ALICE: FROM SUPPRESSION TO REGENERATION?. Modern Physics Letters A, 2013, 28, 1330018.	0.5	1

#	Article	IF	Citations
55	Trigger detectors for the ALICE muon spectrometer. , 2008, , .		0
56	The readout system for the ALICE Zero Degree Calorimeters. , 2010, , .		0
57	Study of the quarkonium polarization in the muon channel at ALICE. Indian Journal of Physics, 2011, 85, 935-940.	0.9	0
58	Commissioning of the ALICE muon spectrometer trigger at LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S41-S44.	0.7	0
59	Dilepton measurements with NA60. , 2008, , .		0