

Sonia Kabana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7453006/publications.pdf>

Version: 2024-02-01

669
papers

50,578
citations

1704

104
h-index

2332

199
g-index

679
all docs

679
docs citations

679
times ranked

13783
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the c-jet mistagging efficiency in $\sqrt{s}=13$ TeV events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
2	Search for the chiral magnetic effect with isobar collisions at $\sqrt{s}=200$ GeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2022, 105, .	2.9	6
3	Search for the chiral magnetic effect with isobar collisions at $\sqrt{s}=200$ GeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2022, 105, .	4.1	5
4	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
5	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
6	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
7	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
8	Search for the Chiral Magnetic Effect via Charge-Dependent Azimuthal Correlations Relative to Spectator and Participant Planes in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2022, 105, .	7.8	19
9	Photoproduction in Au+Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 82, 1.	7.8	8
10	Measurement of the energy response of the ATLAS calorimeter to charged pions from $\sqrt{s}=13$ TeV events in Run 2 data. European Physical Journal C, 2022, 82, 1.	3.9	4
11	Au+Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 82, 1.	4.1	32
12	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
13	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s}=13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
14	Differential measurements of jet substructure and partonic energy loss in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2022, 105, .	2.9	6
15	Search for the chiral magnetic effect with isobar collisions at $\sqrt{s}=200$ GeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2022, 105, .	4.1	12
16	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s}=7, 8$ and 13 TeV. European Physical Journal C, 2022, 82, 1.	3.9	12
17	Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2022, 105, .	4.7	7
18	Measurements of the chiral magnetic effect with isobar collisions at $\sqrt{s}=200$ GeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2022, 105, .	7.8	19

#	ARTICLE	IF	CITATIONS
19	Measurements of Proton High-Order Cumulants in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2022, 105, .	7.8	28
20	Centrality and transverse-momentum dependence of higher-order flow harmonics of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2022, 105, .	2.9	6
21	STAR Collaboration. Nuclear Physics A, 2021, 1005, 122096.	1.5	0
22	Flow and interferometry results from Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, .	2.9	30
23	Nonmonotonic Energy Dependence of Net-Proton Number Fluctuations. Physical Review Letters, 2021, 126, 092301.	7.8	111
24	Measurements of dihadron correlations relative to the event plane in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Chinese Physics C, 2021, 45, 044002.	3.7	5
25	Comparison of transverse single-spin asymmetries for forward production in polarized proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2021, 103, .	4.7	8
26	Global Polarization of Hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 052302.	7.8	52
27	Measurement of transverse single-spin asymmetries of Λ and electromagnetic jets at forward rapidity in 200 and 500 GeV transversely polarized proton-proton collisions. Physical Review D, 2021, 103, .	4.7	14
28	Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2021, 103, .	4.7	16
29	Methods for a blind analysis of isobar data collected by the STAR collaboration. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	25
30	Azimuthal anisotropy measurements of strange and multistrange hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, .	2.9	8
31	Measurement of Momentum and Angular Distributions from Linearly Polarized Photon Collisions. Physical Review Letters, 2021, 127, 052302.	7.8	69
32	Observation of enhancement in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092301.	7.8	13
33	Cumulants and correlation functions of net-proton, proton, and antiproton multiplicity distributions in Au+Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2021, 104, .	2.9	68
34	Thermal production of sexaquarks in heavy-ion collisions. International Journal of Modern Physics A, 2021, 36, .	1.5	3
35	Measurements of v_2 and v_3 and Z in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, .	4.7	12
36	Measurement of the Sixth-Order Cumulant of Net-Proton Multiplicity Distributions in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092301.	7.8	24

#	ARTICLE	IF	CITATIONS
37	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
38	Induced surface and curvature tension equation of state for hadron resonance gas in finite volumes and its relation to morphological thermodynamics. International Journal of Modern Physics A, 2021, 36, .	1.5	3
39	Measurement of the hyperon polarization in Au+Au collisions at $\sqrt{s} = 2.9$ GeV. Physical Review C, 2020, 102, 044904.	2.9	47
40	Strange hadron production in Au+Au collisions at $\sqrt{s} = 2.9$ GeV. Physical Review C, 2020, 102, 044905.	2.9	54
41	Measurement of the D^0 meson production in Au+Au collisions at $\sqrt{s} = 2.9$ GeV. Physical Review C, 2020, 102, 044906.	4.1	6
42	Measurement of the D^0 meson production in Au+Au collisions at $\sqrt{s} = 2.9$ GeV. Physical Review C, 2020, 102, 044907.	2.9	8
43	Second virial coefficients of light nuclear clusters and their chemical freeze-out in nuclear collisions. European Physical Journal A, 2020, 56, 1.	2.5	9
44	Beam energy dependence of net- \bar{b} fluctuations measured by the STAR experiment at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2020, 102, .	2.9	11
45	Measurement of the central exclusive production of charged particle pairs in proton-proton collisions at $\sqrt{s} = 200$ GeV with the STAR detector at RHIC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
46	Investigation of the linear and mode-coupled flow harmonics in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135728.	4.1	10
47	Measurement of groomed jet substructure observables in p+p collisions at $s=200$ GeV with STAR. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135846.	4.1	18
48	Measurement of inclusive charged-particle jet production in Au+Au collisions at $\sqrt{s} = 2.9$ GeV. Physical Review C, 2020, 102, .	2.9	13
49	Measurement of the polarization in Au+Au collisions at $\sqrt{s} = 2.9$ GeV. Physical Review C, 2020, 102, .	4.7	9
50	Beam-energy dependence of the directed flow of deuterons in Au+Au collisions. Physical Review C, 2020, 102, .	2.9	10
51	Baryon Production in Au+Au collisions at $\sqrt{s} = 2.9$ GeV. Physical Review C, 2020, 102, .	7.8	45
52	Measurement of the mass difference and the binding energy of the hypertriton and antihypertriton. Nature Physics, 2020, 16, 409-412.	16.7	76
53	Underlying event measurements in p+p collisions at $s=200$ GeV at RHIC. Physical Review D, 2020, 101, .	4.7	11
54	Beam-energy dependence of identified two-particle angular correlations in Au+Au collisions. Physical Review C, 2020, 101, .	2.9	5

#	ARTICLE	IF	CITATIONS
55	Bulk properties of the system formed in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV at the BNL STAR detector. <i>Physical Review C</i> , 2020, 101, 054907.	2.9	18
56	New physics searches with heavy-ion collisions at the CERN Large Hadron Collider. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 060501.	3.6	27
57	Measurement of away-side broadening with self-subtraction of flow in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Chinese Physics C</i> , 2020, 44, 104001.	3.7	2
58	Chemical freeze-out of light nuclei in high energy nuclear collisions and resolution of the hyper-triton chemical freeze-out puzzle. <i>Journal of Physics: Conference Series</i> , 2020, 1690, 012123.	0.4	0
59	Classical excluded volume of loosely bound light (anti) nuclei and their chemical freeze-out in heavy ion collisions. <i>International Journal of Modern Physics E</i> , 2020, 29, 2040009.	1.0	1
60	Collision-energy dependence of second-order off-diagonal and diagonal cumulants of net-charge, net-proton, and net-kaon multiplicity distributions in Au+Au collisions. <i>Physical Review C</i> , 2019, 100, 054907.	2.9	31
61	Charge-dependent pair correlations relative to a third particle in Au+Au collisions at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 798, 134975.	7.8	61
62	Charge-dependent pair correlations relative to a third particle in $p\bar{p} + \bar{p}p$ and $d\bar{d} + \bar{d}d$ Au collisions at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 798, 134975.	4.1	24
63	Production of triton and reconstruction of ^3He with the Heavy Flavor Tracker in Au+Au collisions at STAR. <i>Nuclear Physics A</i> , 2019, 982, 811-814.	4.7	10
64	Measurements of open charm production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the STAR experiment. <i>Nuclear Physics A</i> , 2019, 982, 723-726.	4.9	6
65	Possible signals of two QCD phase transitions at NICA-FAIR energies. <i>EPJ Web of Conferences</i> , 2019, 204, 03001.	0.3	6
66	The production of triton and reconstruction of ^3He with the Heavy Flavor Tracker in Au+Au collisions at STAR. <i>Nuclear Physics A</i> , 2019, 982, 811-814.	1.5	8
67	Measurements of open charm production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the STAR experiment. <i>Nuclear Physics A</i> , 2019, 982, 659-662.	4.9	8
68	Global and local polarization of Λ hyperons in Au+Au collisions at 200 GeV from STAR. <i>Nuclear Physics A</i> , 2019, 982, 511-514.	1.5	60
69	Measurements of the chiral magnetic effect with background isolation in 200 GeV Au+Au collisions at STAR. <i>Nuclear Physics A</i> , 2019, 982, 535-538.	1.5	16
70	Directed flow of quarks from the RHIC Beam Energy Scan measured by STAR. <i>Nuclear Physics A</i> , 2019, 982, 415-418.	1.5	2
71	Measurements of directed and elliptic flow for D^0 and D^+ mesons using the STAR detector at RHIC. <i>Nuclear Physics A</i> , 2019, 982, 671-674.	1.5	6
72	Search for the Chiral Magnetic Wave with Anisotropic Flow of Identified Particles at RHIC-STAR. <i>Nuclear Physics A</i> , 2019, 982, 555-558.	1.5	8

#	ARTICLE	IF	CITATIONS
91	Measurement of the longitudinal spin asymmetries for weak boson production in proton-proton collisions at $\sqrt{s} = 510$ GeV. <i>Physical Review D</i> , 2019, 100, 014001.	4.7	23
92	Centrality and transverse momentum dependence of Λ and $\bar{\Lambda}$ production at mid-rapidity in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2019, 99, .	2.9	47
93	STAR Collaboration. <i>Nuclear Physics A</i> , 2019, 982, 1063-1066.	1.5	1
94	On separate chemical freeze-outs of hadrons and light (anti)nuclei in high energy nuclear collisions. <i>Journal of Physics: Conference Series</i> , 2019, 1390, 012038.	0.4	7
95	Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton-proton collisions at $\sqrt{s} = 510$ GeV. <i>Physical Review D</i> , 2019, 100, 014001.	4.7	30
96	Constraining the initial conditions and temperature dependent viscosity with three-particle correlations in Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 790, 81-88.	4.1	3
97	Azimuthal transverse single-spin asymmetries of inclusive jets and charged pions within jets from polarized-proton collisions at $\sqrt{s} = 500$ GeV. <i>Physical Review D</i> , 2019, 100, 014001.	4.7	27
98	Beam-Energy Dependence of Directed Flow of Λ and $\bar{\Lambda}$ in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2019, 99, .	7.8	66
99	Preface: 6th International Conference on New Frontiers in Physics 2017. <i>EPJ Web of Conferences</i> , 2018, 182, 00001.	0.3	0
100	Improved measurement of the longitudinal spin transfer to Λ and $\bar{\Lambda}$ in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review D</i> , 2018, 98, 014001.	4.7	7
101	Low- p_T production cross section and its dependence on charged-particle multiplicity in $p\bar{p} + e^+e^- p$ collisions at $\sqrt{s} = 200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 87-93.	4.7	12
102	Pair Production in Λ and $\bar{\Lambda}$ production cross section and its dependence on charged-particle multiplicity in $p\bar{p} + e^+e^- p$ collisions at $\sqrt{s} = 200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 87-93.	7.8	66
103	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2018, 98, .	2.9	33
104	Longitudinal double-spin asymmetries for Λ and $\bar{\Lambda}$ in the forward direction for 510 GeV polarized pp collisions. <i>Physical Review D</i> , 2018, 98, .	4.7	9
105	Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV. <i>Physical Review D</i> , 2018, 98, .	4.7	13
106	Collision energy dependence of moments of net-kaon multiplicity distributions at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 785, 551-560.	4.1	107
107	Measurement of the Λ and $\bar{\Lambda}$ lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2018, 97, .	2.9	52

#	ARTICLE	IF	CITATIONS
109	Correlation measurements between flow harmonics in Au+Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 459-465.	4.1	22
110	Global polarization of Λ hyperons in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2018, 98, .	2.9	205
111	Beam Energy Dependence of Jet-Quenching Effects in Au+Au Collisions at $\sqrt{s_{NN}} = 7.7, 11.5, 14.5, 19.6, 27, 39,$ and 62.4 GeV. Physical Review Letters, 2018, 121, 032301.	7.8	33
112	Transverse spin-dependent azimuthal correlations of charged pion pairs measured in $p + \bar{p}$ collisions at $\sqrt{s} = 500$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 332-339.	4.1	19
113	Beam energy dependence of rapidity-even dipolar flow in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 26-32.	4.1	7
114	Azimuthal anisotropy in Cu+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2018, 98, .	2.9	23
115	Direct virtual photon production in Au+Au collisions at $\sqrt{s_{NN}} = 7.7, 11.5, 14.5, 19.6, 27, 39,$ and 62.4 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	4.1	37
116	Counting of oscillatory modes of valence quarks forming qqq baryons for three quark flavors u, d, s. International Journal of Modern Physics A, 2017, 32, 1750004.	1.5	1
117	Bulk properties of the medium produced in relativistic heavy-ion collisions from the beam energy scan program. Physical Review C, 2017, 96, .	2.9	357
118	Dijet imbalance measurements in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2017, 118, 012301.	7.8	20
119	Measurements of jet quenching with semi-inclusive hadron+jet distributions in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2017, 118, 012301.	2.9	44
120	Energy dependence of J/ψ production in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	4.1	19
121	Charge-dependent directed flow in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2017, 118, 012301.	7.8	19
122	Global Λ hyperon polarization in nuclear collisions. Nature, 2017, 548, 62-65.	27.8	585
123	Coherent diffractive photoproduction of ρ^0 mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. Physical Review C, 2017, 96, .	2.9	32
124	Measurement of the cross section and longitudinal double-spin asymmetry for dijet production in polarized pp collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2017, 95, .	4.7	22
125	The STAR beam energy scan phase II physics and upgrades. Nuclear Physics A, 2017, 967, 800-803.	1.5	31
126	Rapidity correlations in the RHIC Beam Energy Scan Data. Nuclear Physics A, 2017, 967, 792-795.	1.5	2

#	ARTICLE	IF	CITATIONS
127	Disentangling flow and signals of Chiral Magnetic Effect in U+U, Au+Au and p+Au collisions. Nuclear Physics A, 2017, 967, 740-743.	1.5	14
128	Observation of Global Hyperon Polarization in Ultrarelativistic Heavy-Ion Collisions. Nuclear Physics A, 2017, 967, 760-763.	1.5	0
129	STAR Results from Au+Au Fixed-Target Collisions at $\sqrt{s_{NN}} = 2.4$ GeV. Nuclear Physics A, 2017, 967, 808-811.	1.5	19
130	Towards Measurements of Chiral Effects Using Identified Particles from STAR. Nuclear Physics A, 2017, 967, 756-759.	1.5	2
131	STAR Collaboration. Nuclear Physics A, 2017, 967, 1007-1010.	1.5	1
132	Elliptic flow of electrons from heavy-flavor hadron decays in Au+Au collisions at $\sqrt{s_{NN}} = 2.4, 6.24, 2.76, 3.9, 2.76, 1.96, 1.15, 0.77$ GeV. Physical Review C, 2017, 95, .	2.9	18
133	Azimuthal Anisotropy at Midrapidity in Au+Au Collisions at $\sqrt{s_{NN}} = 2.4, 6.24, 2.76, 3.9, 2.76, 1.96, 1.15, 0.77$ GeV. Physical Review C, 2017, 95, .	2.9	15
134	Counting of oscillatory modes of valence quarks forming qq̄ baryons for 3 quark flavors u,d,s. EPJ Web of Conferences, 2017, 164, 08003.	0.3	0
135	Preface "5th International Conference on New Frontiers in Physics 2016. EPJ Web of Conferences, 2017, 164, 00001.	0.3	0
136	Preface "4th International Conference on New Frontiers in Physics 2015. EPJ Web of Conferences, 2016, 126, 00001.	0.3	0
137	Counting of oscillatory modes of valence quarks forming qq̄, mesons. International Journal of Modern Physics A, 2016, 31, 1650023.	1.5	2
138	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}} = 2.4, 3.9, 2.76, 1.96, 1.15, 0.77$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	15
139	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}} = 2.4, 3.9, 2.76, 1.96, 1.15, 0.77$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	3
140	STAR Collaboration. Nuclear Physics A, 2016, 956, 971-974.	1.5	1
141	Jet-like correlations with direct-photon and neutral-pion triggers at $\sqrt{s_{NN}} = 2.4, 3.9, 2.76, 1.96, 1.15, 0.77$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 689-696.	4.1	36
142	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.4, 3.9, 2.76, 1.96, 1.15, 0.77$ GeV. Physical Review C, 2016, 93, .	2.9	55
143	Probing parton dynamics of QCD matter with $\bar{c}c$ production. Physical Review C, 2016, 93, .	2.9	43
144	J/ψ production at low transverse momentum in p+pp and Au collisions at $\sqrt{s_{NN}} = 2.00$ GeV. Physical Review C, 2016, 93, .	2.9	13

#	ARTICLE	IF	CITATIONS
145	Measurement of the Transverse Single-Spin Asymmetry in Au + Au Collisions \hat{I}_T^{\perp}	7.8	58
146	Measurement of the Transverse Single-Spin Asymmetry in Au + Au Collisions \hat{I}_T^{\perp}	7.8	73
147	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in Au + Au Collisions at RHIC. Physical Review Letters, 2016, 116, 112302.	7.8	47
148	Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	21
149	\hat{I}_T^{\perp} production in U + U collisions at 200 GeV measured with the STAR experiment. Physical Review C, 2016, 94, .	2.9	21
150	Di-hadron correlations with identified leading hadrons in 200 GeV Au + Au and d + Au collisions at STAR. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 233-240.	4.1	11
151	Energy dependence of K^{\pm} , p , and K_p fluctuations in Au + Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	2.9	17
152	Measurements of dielectron production in Au + Au collisions at $\sqrt{s_{NN}}=7.7$ to 200 GeV from the STAR experiment. Physical Review C, 2015, 92, .	2.9	15
153	Observation of Charge Asymmetry Dependence of Pion Elliptic Flow and the Possible Chiral Magnetic Wave in Heavy-Ion Collisions. Physical Review Letters, 2015, 114, 252302.	7.8	93
154	Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in Au + Au Collisions \hat{I}_T^{\perp}	7.8	25
155	Di-hadron correlations with identified leading hadrons in 200 GeV Au + Au and d + Au collisions at STAR. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 233-240.	7.8	85
156	Beam-energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. Physical Review C, 2015, 92, .	2.9	65
157	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at RHIC A_{LL}^{\perp}	7.8	70
158	Long-range pseudorapidity dihadron correlations in d + Au collisions at 200 GeV. Physical Review Letters, 2015, 115, 092002.	4.1	68
159	Compiling results from the count of oscillation modes, analytical for light flavored mesons and from Fortran programs for like (anti-)baryons. Material shown in part at the Poster Session. EPJ Web of Conferences, 2015, 115, 01001.	0.3	0
160	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au + Au collisions at RHIC. Physical Review Letters, 2015, 115, 092002.	4.1	32
161	Long-range pseudorapidity dihadron correlations in d + Au collisions at 200 GeV. Physical Review Letters, 2015, 115, 092002.	4.1	11
162	Charged-to-neutral correlation at forward rapidity in Au + Au collisions at RHIC. Physical Review C, 2015, 91, .	2.9	4

#	ARTICLE	IF	CITATIONS
163	Correlation Function in $\langle \mathcal{O}_1 \mathcal{O}_2 \rangle$ at $\sqrt{s_{NN}} = 200$ GeV Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	80
164	Effect of event selection on jetlike correlation measurement in $d+Au$ collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.	11	24
165	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	27.8	71
166	Thermal characteristics confronting trace anomaly and intrinsic canonical structure of QCD. EPJ Web of Conferences, 2014, 70, 00018.	0.3	0
167	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 113, 052302.	7.8	179
168	Phenomenological study of the polarization in $d+Au$ collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 113, 052302.	4.1	10
169	Observation of $\langle \mathcal{O}_1 \mathcal{O}_2 \rangle$ at low p_T in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 113, 052302.	2.9	54
170	Nuclear Modifications in $\langle \mathcal{O}_1 \mathcal{O}_2 \rangle$ at $\sqrt{s_{NN}} = 200$ GeV Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	179
171	Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	2.9	21
172	Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	147
173	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
174	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	73
175	Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions. Physical Review Letters, 2014, 112, 162301.	7.8	186
176	Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 092301.	7.8	245
177	Jet-Hadron Correlations in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 113, 052302.	4.7	58
178	Jet-Hadron Correlations in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 112, 122301.	7.8	48
179	Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s_{NN}} = 7$ TeV using the ATLAS detector. Physical Review D, 2014, 89, .	4.7	12
180	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2014, 89, .	4.7	35

#	ARTICLE	IF	CITATIONS
181	STAR Collaboration. Nuclear Physics A, 2014, 932, 634-637.	1.5	0
182	STAR Collaboration. Nuclear Physics A, 2014, 931, 1237-1240.	1.5	0
183	Dielectron Mass Spectra from Au+Au Collisions at $\sqrt{s} = 7.7$ TeV. Physical Review Letters, 2014, 113, 022301.	7.8	52
184	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.	3.9	58
185	Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC. Physical Review Letters, 2014, 113, 072301.	7.8	62
186	Suppression of Υ production in Au+Au collisions at $\sqrt{s} = 7.7$ TeV. Physical Review Letters, 2014, 113, 022301.	4.1	87
187	The differential production cross section of the $\phi(1020)$ meson in pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
188	Oscillatory modes of quarks in baryons for 3 quark flavors u,d,s. EPJ Web of Conferences, 2014, 71, 00090.	0.3	3
189	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.	4.7	73
190	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.	4.7	53
191	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.	4.7	32
192	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.	4.7	137
193	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.	4.7	61
194	Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
195	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.	4.7	52
196	Measurement of k_T splitting scales in $W\ell^+\ell^-$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
197	Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Measurement of angular correlations in Drell-Yan lepton pairs to probe $Z\ell^+\ell^-$ boson transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	3.9	119
198	Measurement of angular correlations in Drell-Yan lepton pairs to probe $Z\ell^+\ell^-$ boson transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	3.9	119

#	ARTICLE	IF	CITATIONS
199	Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 277-308.	4.1	21
200	Measurement of the differential cross-section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 277-308.	4.1	67
201	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 277-308.	4.7	39
202	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.	4.7	31
203	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.	4.7	52
204	Improved luminosity determination in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	3.9	362
205	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76$ TeV and comparison to the inclusive jet cross-section at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	3.9	105
206	Multi-channel search for squarks and gluinos in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	3.9	34
209			

#	ARTICLE	IF	CITATIONS
217	Search for single b production with the ATLAS detector at $\sqrt{s} = 7$ TeV in proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	11
218	Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	2.76	195
219	Search for light top quark pair production in final states with leptons and b -jets with the ATLAS detector in proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	41
220	Search for pair production of heavy top-like quarks decaying to a high- p_T lepton and a b quark in the lepton plus jets final state at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	41
221	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	2.5	33
222	Measurement with the ATLAS detector of multi-particle azimuthal correlations in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Nuclear Physics B, 2013, 875, 483-535.	4.1	169
223	Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum in proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	6
224	Search for pair production of heavy top-like quarks decaying to a high- p_T lepton and a b quark in the lepton plus jets final state at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	40
225	Search for prompt lepton-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	38
226	Search for prompt lepton-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	80
227	Search for pair production of massive coloured scalars in four-jet final states with the ATLAS detector in proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	14
228	Search for a heavy narrow resonance decaying to $B_s^0 \ell^+ \ell^-$ or $B_s^0 \mu^+ \mu^-$ with the ATLAS detector in proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	44
229	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	44
230	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.	3.9	61
231	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	3.9	45
232	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	24
233	Search for new phenomena in the pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	27
234	Search for direct slepton and gaugino production in final states with two leptons and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-81.	4.1	37

#	ARTICLE	IF	CITATIONS
235	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.	3.9	15
236	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	3.9	45
237	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.	3.9	209
238	Measurement of the τ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	3.9	45
239	Measurement of hard double-parton interactions in $W(\rightarrow \tau^+\tau^-)$ + 2-jet events at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	2.9	147
240	Search for W 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.	2.9	15
241	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s}=7$, TeV in the ATLAS detector at the LHC. New Journal of Physics, 2013, 15, 043007.	2.9	41
242	Search for resonant diboson production in the WW/WZ decay channels with the ATLAS detector at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.7	18
243	Observation of Associated Near-Side and Away-Side Long-Range Correlations in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.7	112
244	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.7	112
245	Measurement of τ production in pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	78
246	Search for nonpointing photons in the diphoton and pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	16
247	Fluctuations of charge separation perpendicular to the event plane and local parity violation in pp collisions at the RHIC Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	4.7	16
248	Observation of an Energy-Dependent Difference in Elliptic Flow between Particles and Antiparticles in Relativistic Heavy Ion Collisions. Physical Review Letters, 2013, 110, 142301.	7.8	89
249	Search for Dark Matter Candidates and Large Extra Dimensions in Events with a Photon and Missing Transverse Momentum in pp collisions at ATLAS. Physical Review D, 2013, 87, .	7.8	105
250	Experimental studies of di-jets in Au+Au collisions using angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2013, 87, .	2.9	4
251	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	35
252	Measurement of charged-particle event shape variables in inclusive $(s)=7$ TeV proton-proton interactions with the ATLAS detector. Physical Review D, 2013, 88, .	4.7	12

#	ARTICLE	IF	CITATIONS
253	Measurement of Z Boson Production in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301 Measurement of W^+W^- production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	7.8	63
254	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	76
255	Measurements of W^+W^- production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	14
256	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	60
257	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	2.9	124
258	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	2.9	15
259	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	2.9	9
260	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	7.8	38
261	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.2	59
262	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.2	48
263	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	0.8	1
264	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	2.9	40
265	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	7.8	37
266	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	3
267	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	70
268	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	16
269	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .		
270	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .		

#	ARTICLE	IF	CITATIONS
271	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 211802.	7.8	63
272	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 108, 181802.	7.8	61
273	Measurement of the production cross section of an isolated photon associated with jets in polarized proton-proton collisions at mid-rapidity in Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the ATLAS detector. Physical Review Letters, 2012, 108, 081801.	4.7	66
274	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	4.7	21
275	Measurement of the production cross section of an isolated photon associated with jets in Au collisions at mid-rapidity in Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the ATLAS detector. Physical Review Letters, 2012, 108, 081801.	2.9	25
276	Measurement of the production cross section of an isolated photon associated with jets in Au collisions at mid-rapidity in Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the ATLAS detector. Physical Review Letters, 2012, 108, 081801.	2.9	127
277	Measurement of the production cross section of an isolated photon associated with jets in Au collisions at mid-rapidity in Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the ATLAS detector. Physical Review Letters, 2012, 108, 081801.	7.8	80
278	Search for New Phenomena in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 181802.	7.8	46
279	Observation of Spin Correlation in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 081801.	7.8	31
280	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2012, 86, .	7.8	80
281	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2012, 86, .	4.7	135
282	Observation of a New State in Radiative Transitions to χ_{c0} in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 081801.	7.8	90
283	Measurement of the production cross section of an isolated photon associated with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 081801.	2.9	21
284	Measurement of the production cross section of an isolated photon associated with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 081801.	4.7	45
285	Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 081801.	7.8	33
286	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	12
287	Search for Pair Production of a New Quark that Decays into a Z Boson and a Bottom Quark with the ATLAS Detector. Physical Review Letters, 2012, 108, 071801.	7.8	26
288	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, .	2.9	365

#	ARTICLE	IF	CITATIONS
289	Search for the Higgs Boson in the $WW^*(\rightarrow l\bar{l})\gamma\gamma$ Decay Channel in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	7.8	35
290	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	7.8	61
291	Further search for supersymmetry at $\sqrt{s}=7$ TeV in pp collisions with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	117
292	Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the standard model with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	26
293	Determination of the Strange-Quark Density of the Proton from ATLAS Measurements of the Z Production Cross Sections. Physical Review Letters, 2012, 109, 041804.	4.7	23
294	Anomalous centrality evolution for two-particle angular correlations from Au-Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 042301.	7.8	117
295	Directed Flow of Identified Particles in $\sqrt{s}=2.76$ TeV Au-Au Collisions at RHIC. Physical Review Letters, 2012, 108, 202301.	2.9	45
296	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, .	7.8	34
297	Search for Production of Resonant States in the Photon-Jet Mass Distribution Using pp Collisions at $\sqrt{s}=7$ TeV Collected by the ATLAS Detector. Physical Review Letters, 2012, 108, 211802.	2.9	28
298	Measurements of the Z Production Cross Section and Limits on Anomalous Neutral Triple Gauge Couplings in Proton-Proton Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	7.8	33
299	Search for Supersymmetry in Events with Three Leptons and Missing Transverse Momentum in $\sqrt{s}=7$ TeV pp Collisions with the ATLAS Detector. Physical Review Letters, 2012, 108, 261804.	7.8	33
300	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 022301.	7.8	91
301	Measurements of the D and D^* production in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physical Review Letters, 2012, 108, 022301.	4.7	97
302	Search for W boson in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physical Review Letters, 2012, 108, 022301.	4.7	23
303	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying W Bosons. Physical Review Letters, 2012, 109, 032001.	7.8	40
304	Search for W boson in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physical Review Letters, 2012, 108, 022301.	4.7	47
305	Search for resonant WZ production in the $WZ \rightarrow l\bar{l}\gamma\gamma$ channel in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	12

#	ARTICLE	IF	CITATIONS
307	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013.	1.2	23
308	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. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
309	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	4.7	88
310	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
311	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. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
312	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. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
313	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$, $H \rightarrow \tau^+ \tau^- \nu$ decay mode in $\sqrt{s} = 7, \text{TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
314	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7, \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
315	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
316	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
317	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
318	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
319	Time-dependent angular analysis of the decay $B_s^0 \rightarrow \tau^+ \tau^- \psi(\psi')$ and extraction of $\tau^+ \tau^-$ s and the CP-violating weak phase $\arg(\lambda)$ by ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	23
320	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7, \text{TeV}$ pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48
321	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
322	Search for excited leptons in proton-proton collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	14
323	Measurement of the $W \rightarrow e \nu$ and $Z \rightarrow \nu \bar{\nu}$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s} = 500 \text{ GeV}$. Physical Review D, 2012, 85, .	4.7	19
324	Measurement of the isolated diphoton cross section in pp collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	41

#	ARTICLE	IF	CITATIONS
325	Measurement of the production cross section for $Z \rightarrow \tau\tau$ in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	24
326	Search for the Standard Model Higgs boson in the diphoton decay channel with pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.7	31
327	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in final states with missing transverse momentum and b -jets with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	30
328	Search for the Standard Model Higgs boson in the diphoton decay channel with pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.7	37
330	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using $\sqrt{s} = 7$ TeV pp collisions using $\sqrt{s} = 7$ TeV data. Physical Review D, 2012, 85, .	7.8	171
331	A Particle Consistent with the Higgs Boson Observed with the ATLAS Detector at the Large Hadron Collider. Science, 2012, 338, 1576-1582.	12.6	74
332	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using $\sqrt{s} = 7$ TeV pp collisions using $\sqrt{s} = 7$ TeV data. Physical Review D, 2012, 85, .	4.7	57
333	Measurement of the b -hadron production cross section using decays to $D^* \rightarrow D\pi$ in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Nuclear Physics B, 2012, 864, 341-381.	2.5	31
334	Search for the decay $B \rightarrow D^* \tau \nu$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	59
335	Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 180-196.	4.1	12
336	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying \tilde{l} , lepton in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 180-196.	4.1	6
337	Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 180-196.	4.1	17
338	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying \tilde{l} , lepton in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 180-196.	4.1	14
339	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	4.1	14
340	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 1-29.	4.1	6,386
342	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	3.9	248

#	ARTICLE	IF	CITATIONS
343	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	100
344	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.	3.9	13
345	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.	3.9	109
346	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.	3.9	25
347	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.	3.9	37
348	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	16
349	Measurement of $W \hat{\pm} Z$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	59
350	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.	3.9	25
351	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.	3.9	22
352	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.	3.9	13
353	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.	3.9	31
354	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.	3.9	36
355			

#	ARTICLE	IF	CITATIONS
361	Search for the Standard Model Higgs boson produced in association with a vector boson and decaying to a b-quark pair with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 411-430.	4.1	25
362	Search for the Higgs boson in the 2011. \mathbb{R}^3 altimg="si1.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" altimg="si1.gif" overflow="scroll" 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" altimg="si1.gif" overflow="scroll" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co.	4.1	10
363	Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 411-430.	4.1	20
364	Heavy ions: Report from Relativistic Heavy Ion Collider. Pramana - Journal of Physics, 2012, 79, 737-752.	1.8	0
365	Search for Direct Top Squark Pair Production in Final States with One Isolated Lepton, Jets, and Missing Transverse Momentum in $\sqrt{s} = 7$ TeV pp Collisions Using 4.7 fb ⁻¹ of ATLAS Data. Physical Review Letters, 2012, 109, 211803.	2.9	75
366	Search for Magnetic Monopoles in AuAu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 211803.	2.9	20
367	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	109
368	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ 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.	7.8	57
369	Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS. European Physical Journal C, 2012, 72, 1.	3.9	230
370	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	3.9	259
371	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
372	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ 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.	4.7	126
373	Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
374	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	29
375	Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 418-437.	4.1	16
376	Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 418-437.	4.1	20
377	Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 418-437.	4.1	20
378	Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 418-437.	4.1	20

#	ARTICLE	IF	CITATIONS
379	Measurements of the electron and muon inclusive cross-sections in proton- e^- proton collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	231
380	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s}=7$ TeV in dilepton final states with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	39
381	Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	39
383	Search for new physics in the dijet mass distribution using 1 fb $^{-1}$ of pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	39
384	A measurement of the ratio of the W and Z cross-sections with exactly one associated jet in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	8
385	Measurement of the ratio of the W and Z cross-sections with exactly one associated jet in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	58
386	Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	109
387	Combined search for the Standard Model Higgs boson using up to 4.9 fb $^{-1}$ of pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	17
388	Measurement of the centrality dependence of the charged particle pseudorapidity distribution in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	17
389	Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 322-340.	4.1	17
390	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in proton- e^- proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	21
391	Search for heavy vector-like quarks coupling to light quarks in proton- e^- proton collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	21
392	Search for diphoton events with large missing transverse momentum in proton- e^- proton collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	21
393	Search for extra dimensions using diphoton events in 7 TeV proton- e^- proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	36
394	Search for extra dimensions using diphoton events in 7 TeV proton- e^- proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	36
395	Search for heavy vector-like quarks coupling to light quarks in proton- e^- proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.1	69
396	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 244-263.	4.1	69

#	ARTICLE	IF	CITATIONS
397	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	4.1	40
398	Measurement of the WW cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	4.1	16
399	Search for FCNC single top-quark production at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	4.1	16
400	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	4.1	40
401	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	15
402	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.	3.9	36
403			

#	ARTICLE	IF	CITATIONS
415	Measurement of the cross section with the ATLAS detector. Physical Review D, 2011, 84.		
416	Measurement of underlying event characteristics using charged particles in collisions at collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.	4.7	70
417	Measurement of the production in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.	2.5	163
418	Overview of Silicon Detectors in STAR: Present and Future. AIP Conference Proceedings, 2011, .	0.4	2
419	Observation of the antimatter helium-4 nucleus. <i>Nature</i> , 2011, 473, 353-356.	27.8	154
420	Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.	4.1	41
421	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review D</i> , 2011, 84.	4.1	29
422	Measurement of the production in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.	4.1	21
423	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb ⁻¹ of pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.		
424	Search for neutral MSSM Higgs bosons decaying to $b\bar{b}$ pairs in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.	4.1	45
425	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.		
426	Measurement of the transverse momentum distribution of Higgs bosons in proton-proton collisions. <i>Physical Review D</i> , 2011, 84.	4.1	57
427	Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 705, 452-470.	4.1	22
428	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.	4.1	23
429	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2011, 84.	4.1	49
430	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	114
431	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.	3.9	146
432	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.	3.9	179

#	ARTICLE	IF	CITATIONS
433	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s}=900$ GeV and $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	31
434	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	18
435	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	3.9	41
436	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	40
437	Search for diphoton events with large missing transverse energy with 36 pb^{-1} of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	15
438	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	3.9	60
439	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. European Physical Journal C, 2011, 71, 1.	3.9	56
440	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb^{-1} of ATLAS data. European Physical Journal C, 2011, 71, 1.	3.9	14
441	Search for massive colored scalars in four-jet final states in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	39
442	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	73
443	Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	46
444	Measurement of $W^{\pm 3}$ and $Z^{\pm 3}$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	11
445	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
446	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	65
447	Charm and beauty production at RHIC. Nuclear Physics, Section B, Proceedings Supplements, 2011, 210-211, 273-278.	0.4	0
448	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	4.1	107
449	Measurement of the production cross section for W-bosons in association with jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	4.1	107
450	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	4.1	107

#	ARTICLE	IF	CITATIONS
451	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 353-370.	4.1	28
452	Search for high mass dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	32
453	Search for stable hadronising squarks and gluinos with the ATLAS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	52
454	Measurement of the W charge asymmetry in the decay mode in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	38
455	Search for isoscalar and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	21
456	Search for new physics in dijet mass and angular distributions in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2011, 13, 053044.	4.1	126
457	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	4.1	54
458	A search for new physics in dijet mass and angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. New Journal of Physics, 2011, 13, 053044.	2.9	116
459	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	2.9	314
460	Measurement of the inelastic proton-proton cross-section at $\sqrt{s}=7$ TeV with the ATLAS detector. Nature Communications, 2011, 2, 463.	12.8	160
461	Search for the Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	7.8	23
462	Search for a Muon and a Neutrino with the ATLAS Detector in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 151802.	2.9	60
463	Search for Supersymmetry Using Final States with One Lepton, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 151802.	7.8	15
464	Search for Dilepton Resonances in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 151802.	7.8	136
465	Measurement of Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 151802.	7.8	81
466	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	7.8	61
467	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	2.9	86
468	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	7.8	29

#	ARTICLE	IF	CITATIONS
469	Measurement of the Parity-Violating Longitudinal Single-Spin Asymmetry for W Boson Production in Polarized Proton-Proton Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2011, 106, 121803.	7.8	46
470	Search for Diphoton Events with Large Missing Transverse Energy in $\sqrt{s} = 7$ TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2011, 106, 121803.	7.8	19
471	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	2.9	37
472	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	2.9	28
473	Antimatter production in proton-proton and heavy-ion collisions at ultrarelativistic energies. Physical Review C, 2011, 84, .	2.9	98
474	Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2011, 83, .	2.9	13
475	PROBING THE QGP PHASE BOUNDARY WITH THERMAL PROPERTIES OF η MESONS. International Journal of Modern Physics A, 2011, 26, 4145-4152.	1.5	3
476	ON THE THERMAL PHASE STRUCTURE OF QCD AT VANISHING CHEMICAL POTENTIALS. International Journal of Modern Physics A, 2011, 26, 3035-3050.	1.5	5
477	Study of Charm and Beauty using electron-D[0] azimuthal correlations in the STAR experiment at RHIC. , 2011, , .		0
478	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2011, 4, 781.	0.1	0
479	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61
480	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
481	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
482	Measurement of the W \hat{a} , Z/\sqrt{s} and $Z/\sqrt{s} * \hat{a}$, \hat{a} , production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64
483	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	1.5	12
484	System size dependence of associated yields in hadron-triggered jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	4.1	15
485	Charged-particle multiplicities in pp interactions at $\sqrt{s} = 900$ GeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	4.1	20
486	Longitudinal scaling property of the charge balance function in central Au+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	4.1	20

#	ARTICLE	IF	CITATIONS
487	Observation of identified particle production, azimuthal anisotropy, and interferometry measurements in ultraperipheral heavy-ion collisions at the LHC. Physical Review C, 2010, 81, 024901.	2.9	200
488	Balance functions from Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, 014901.	2.9	53
490	Search for New Particles in Two-Jet Final States in 7 TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	2.9	45
491	Measurement of the Bottom Quark Contribution to Nonphotonic Electron Production in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2010, 105, 202301.	2.9	17
492	Search for New Particles in Two-Jet Final States in 7 TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	7.8	113
493	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	7.8	68
494	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	263
495	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	7.8	80
496	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.	7.8	278
497	Azimuthal dihadron correlations in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2010, 105, 202301.	2.9	61
498	Charged and strange hadron elliptic flow in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2010, 81, .	2.9	55
499	\sqrt{s} cross section in p+p collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 82, .	4.7	20
500	Heavy Flavour production at RHIC. , 2010, , .		0
501	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	12.6	249
502	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	7.8	581
503	Production of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	2.9	32
504	Production of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	2.9	81

#	ARTICLE	IF	CITATIONS
523	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $p+Pb$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 100, 232003.	7.8	89
524	Enhanced strange baryon production in Au+Au collisions compared to $\frac{dN_{sB}}{d\eta dV} \sim \frac{dN_{sB}}{d\eta dV} + \frac{dN_{sB}}{d\eta dV}$	2.9	97
525	Centrality dependence of charged hadron and strange hadron elliptic flow from $v_2 \sim \frac{1}{N} \sum_i \cos(2\phi_i)$	2.9	225
526	Spin alignment measurements of the $K^* \rightarrow \pi \pi$		

#	ARTICLE	IF	CITATIONS
559	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	179
560	Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	40
561	Strange Baryon Resonance Production in $\sqrt{s_{NN}}=200$ GeV p+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108
562	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152301.	7.8	261
563	Forward Neutral Pion Production in p+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152302.	7.8	166
564	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252001.	7.8	141
565	Directed flow in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	55
566	Proton- \bar{p} correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	47
567	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	35
568	MUON RECONSTRUCTION AND IDENTIFICATION FOR THE EVENT FILTER OF THE ATLAS EXPERIMENT. , 2006, , .		2
569	IMPLEMENTATION AND PERFORMANCE OF A TAU LEPTON SELECTION WITHIN THE ATLAS TRIGGER SYSTEM AT THE LHC. , 2006, , .		0
570	Review of the experimental evidence on pentaquarks and critical discussion. AIP Conference Proceedings, 2005, , .	0.4	4
571	Experimental and theoretical challenges in the search for the quark-gluon plasma: The STAR Collaboration's critical assessment of the evidence from RHIC collisions. Nuclear Physics A, 2005, 757, 1-63	1.5	2,780
572	Kaon production in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, 044901	4.1	166
573	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152301	4.1	122
574	Exotic Particle Searches with STAR at RHIC. Acta Physica Hungarica A Heavy Ion Physics, 2005, 24, 321-328.	0.4	6
575	Design, deployment and functional tests of the online event filter for the ATLAS experiment at LHC. IEEE Transactions on Nuclear Science, 2005, 52, 2846-2852.	2.0	5
576	$K(892)^*$ resonance production in Au+Au and p+pcollisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	149

#	ARTICLE	IF	CITATIONS
577	Transverse-momentum dependent modification of dynamic texture in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	3
578	Incident energy dependence of p_T correlations at relativistic energies. Physical Review C, 2005, 72, .	2.9	84
579	Multistrange Baryon Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 122301.	7.8	164
580	Multiplicity and Pseudorapidity Distributions of Photons in Au+Au Collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review Letters, 2005, 95, 062301.	7.8	42
581	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in p+Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 152301.	7.8	445
582	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	248
583	Event-wise $\langle \epsilon^2 \rangle$ fluctuations in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2005, 71, .	2.9	66
584	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	520
585	Open Charm Yields in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 062301.	7.8	201
586	Deployment of the ATLAS high level trigger. , 2005, , .		3
587	Pentaquarks: review of the experimental evidence. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1155-S1163.	3.6	14
588	Implementation and performance of the seeded reconstruction for the ATLAS event filter selection software. , 2005, , .		2
589	Overview of the high-level trigger electron and photon selection for the ATLAS experiment at the LHC. , 2005, , .		1
590	Muon identification with the event filter of the ATLAS experiment at CERN LHC's. , 2005, , .		0
591	An update from STAR using strangeness to probe relativistic heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S61-S73.	3.6	5
592	Strangeness observables and pentaquarks. AIP Conference Proceedings, 2004, , .	0.4	1
593	Azimuthal Anisotropy at the Relativistic Heavy Ion Collider: The First and Fourth Harmonics. Physical Review Letters, 2004, 92, 062301.	7.8	193
594	Azimuthally Sensitive Hanbury Brown-Twiss Interferometry in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, .	7.8	84

#	ARTICLE	IF	CITATIONS
595	Rapidity and centrality dependence of proton and antiproton production from Au197+Au197 collisions at $\sqrt{s_{NN}}=130\text{ GeV}$. Physical Review C, 2004, 70, .	2.9	19
596	Photon and neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=130\text{ GeV}$. Physical Review C, 2004, 70, .	2.9	19
597	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. Physical Review Letters, 2004, 93, 252301.	7.8	122
598	Identified Particle Distributions in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. Physical Review Letters, 2004, 92, 112301.	7.8	368
599	Cross Sections and Transverse Single-Spin Asymmetries in Forward Neutral-Pion Production from Proton Collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. Physical Review Letters, 2004, 92, 171801.	7.8	220
600	$\bar{\Lambda}$ Production and Possible Modification in Au+Au and p+p Collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. Physical Review Letters, 2004, 92, 092301.	7.8	127
601	Centrality and pseudorapidity dependence of charged hadron production at intermediate p_T in Au+Au collisions at $\sqrt{s_{NN}}=130\text{ GeV}$. Physical Review C, 2004, 70, .	2.9	9
602	Production of e^+e^- pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	79
603	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{NN}}=130\text{ GeV}$. Physical Review Letters, 2004, 92, 182301.	7.8	140
604	Particle-Type Dependence of Azimuthal Anisotropy and Nuclear Modification of Particle Production in Au+Au Collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. Physical Review Letters, 2004, 92, 052302.	7.8	477
605	Pseudorapidity asymmetry and centrality dependence of charged hadron spectra in d+Au collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. Physical Review C, 2004, 70, .	2.9	34
606	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. Physical Review C, 2004, 70, .	2.9	62
607	Evidence from d+Au Measurements for Final-State Suppression of High- p_T Hadrons in Au+Au Collisions at RHIC. Physical Review Letters, 2003, 91, 072304.	7.8	517
608	Transverse-Momentum and Collision-Energy Dependence of High- p_T Hadron Suppression in Au+Au Collisions at Ultrarelativistic Energies. Physical Review Letters, 2003, 91, 172302.	7.8	614
609	Net charge fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=130\text{ GeV}$. Physical Review C, 2003, 68, .	2.9	100
610	Pion-Kaon Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}}=130\text{ GeV}$. Physical Review Letters, 2003, 91, 262302.	7.8	37
611	Three-Pion Hanbury Brown-Twiss Correlations in Relativistic Heavy-Ion Collisions from the STAR Experiment. Physical Review Letters, 2003, 91, 262301.	7.8	50
612	Antihelium-3 production in lead-lead collisions at $158\text{ AGeV}/c$. New Journal of Physics, 2003, 5, 1-1.	2.9	313

#	ARTICLE	IF	CITATIONS
613	An investigation of the antinuclei and nuclei production mechanism in Pb + Pb collisions at 158 A GeV. New Journal of Physics, 2003, 5, 150-150.	2.9	15
614	Stable quark stars beyond neutron stars: can they account for the missing matter?. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 2063-2067.	3.6	0
615	The NA52 strangelet and particle search in Pb+Pb collisions at 158 A GeV/c. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1921-1927.	3.6	9
616	Search for strangelets in Pb + Pb collisions at 158A GeV/c. New Journal of Physics, 2002, 4, 96-96.	2.9	5
617	Dark quark `stars': do they matter for \hat{I} matter?. Space Science Reviews, 2002, 100, 175-192.	8.1	0
618	Mapping out the QCD phase transition in multiparticle production. New Journal of Physics, 2001, 3, 4-4.	2.9	18
619	Charm and strangeness in nuclear reactions at $1/2 \hat{C}^{1/2} 19$ GeV. New Journal of Physics, 2001, 3, 16-16.	2.9	3
620	The strange border of the QCD phases. European Physical Journal C, 2001, 21, 545-555.	3.9	7
621	Antimatter and Matter Production in Heavy Ion Collisions at CERN (The NEWMASS Experiment NA52). Acta Physica Hungarica A Heavy Ion Physics, 2001, 14, 297-308.	0.4	4
622	Hadronic centrality dependence in nuclear collisions. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 497-502.	3.6	8
623	Centrality dependence of k^+ produced in Pb + Pb collisions at 158 GeV/nucleon. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 495-496.	3.6	5
624	The NA52 strangelet search. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 487-493.	3.6	8
625	Stable quark stars beyond neutron stars: can they account for the missing matter?. , 2001, , .		0
626	Glueball production in hadron and nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 155-160.	4.1	7
627	Charged pion production in fixed-target Pb + Pb collisions at 158 GeV/nucleon. New Journal of Physics, 1999, 1, 23-23.	2.9	9
628	Centrality dependence of \hat{I}^{\pm} , K^{\pm} , baryon and antibaryon production in Pb + Pb collisions at 158 A GeV. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 217-224.	3.6	12
629	Antinuclei production in heavy ion collisions at CERN SPS. Nuclear Physics A, 1999, 661, 177-184.	1.5	4
630	Impact parameter dependence of \hat{I}^{\pm} , K^{\pm} , p, , d and production in Pb+Pb collisions at 158 A GeV. Nuclear Physics A, 1999, 661, 370-373.	1.5	3

#	ARTICLE	IF	CITATIONS
631	Measurement of charged particle production from 450 GeV/c protons on beryllium. European Physical Journal C, 1999, 10, 605-627.	3.9	16
632	Impact parameter dependence of K^{\pm} , p, pbar, d and dbar production in fixed-target Pb + Pb collisions at 158 GeV/nucleon. New Journal of Physics, 1999, 1, 22-22.	2.9	9
633	Measurement of charged particle production from 450 GeV/c protons on beryllium. European Physical Journal C, 1999, 10, 605.	3.9	42
634	Antinuclei production in heavy ion collisions at CERN SPS. Nuclear Physics A, 1999, 661, 177c-184c.	1.5	2
635	Impact parameter dependence of π^{\pm} , K^{\pm} , p, , d and production in Pb+Pb collisions at 158 A GeV. Nuclear Physics A, 1999, 661, 370c-373c.	1.5	6
636	Baryon and antibaryon production in lead-lead collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 417, 202-210.	4.1	35
637	Pion yield from 450 GeV/c protons on beryllium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 208-214.	4.1	22
638	Charged particle production in proton-, deuteron-, oxygen- and sulphur-nucleus collisions at 200 GeV per nucleon. European Physical Journal C, 1998, 2, 643-659.	3.9	25
639	K/π production ratios from 450 GeV/c protons on beryllium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 225-232.	4.1	18
640	New results from NA52 on particle production in Pb+Pb collisions at 158 GeV per nucleon. Nuclear Physics A, 1998, 638, 411c-414c.	1.5	14
641	Charged particle production in proton-, deuteron-, oxygen- and sulphur-nucleus collisions at 200 GeV per nucleon. European Physical Journal C, 1998, 2, 643.	3.9	65
642	A new Coulomb correction method for Bose-Einstein correlations, based on the $\pi^+\pi^-$ correlation measurements. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 443-448.	1.5	10
643	Subthreshold K^+ production in deuteron and alpha induced nuclear reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 8-14.	4.1	2
644	Antibaryon production in sulphur-nucleus collisions at 200 GeV per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 366, 56-62.	4.1	39
645	Strangelet search and antinuclei production studies in Pb + Pb collisions. Nuclear Physics A, 1996, 610, 306-316.	1.5	36
646	Strangelet search and particle production studies in Pb+Pb collisions at 158 AGeV/c at CERN SPS. Acta Physica Hungarica A Heavy Ion Physics, 1996, 4, 429-434.	0.4	5
647	Recent results from NA35. Nuclear Physics A, 1995, 590, 197-213.	1.5	38
648	Two-pion Bose-Einstein correlations in nuclear collisions at 200 GeV per nucleon. Zeitschrift für Physik C-Particles and Fields, 1995, 66, 77-88.	1.5	45

#	ARTICLE	IF	CITATIONS
649	Transverse Momentum Dependence of Bose-Einstein Correlations in 200A GeV/c S+A Collisions. Physical Review Letters, 1995, 74, 1303-1306.	7.8	36
650	Charged particle spectra in central S+S collisions at 200 GeV/c per nucleon. Physical Review Letters, 1994, 72, 1419-1422.	7.8	92
651	Hadron production in S+Ag and S+Au collisions at 200. Nuclear Physics A, 1994, 566, 35-44.	1.5	49
652	Study of particle spectra with an optically readout RICH detector in the NA35 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 343, 288-291.	1.6	3
653	An investigation of intermittency in proton-gold, oxygen-gold, sulphur-gold and sulphur-sulphur interactions at 200 GeV per nucleon. Zeitschrift für Physik C-Particles and Fields, 1994, 61, 551-561.	1.5	17
654	Strange particle production in nuclear collisions at 200 GeV per nucleon. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 195-207.	1.5	104
655	The NA49 data acquisition system. IEEE Transactions on Nuclear Science, 1994, 41, 30-36.	2.0	2
656	Production of charged kaons in proton-nucleus and nucleus-nucleus collisions at 200 GeV/nucleon. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 367-374.	1.5	36
657	Multiplicity distributions in small phase-space domains in central nucleus-nucleus collisions. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 541-550.	1.5	15
658	Pion Interferometry in ultrarelativistic nuclear collisions. Nuclear Physics A, 1992, 544, 531-535.	1.5	22
659	Fluctuations of multiplicities in rapidity windows in sulphur-sulphur collisions at 200A GeV. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 347-354.	1.5	7
660	Recent results from experiment NA35. Nuclear Physics A, 1992, 544, 293-307.	1.5	30
661	Production of charged kaons in central S + S and O + Au collisions at 200 GeV/Nucleon. Nuclear Physics A, 1992, 544, 609-613.	1.5	5
662	Pion and proton spectra in $^{32}\text{S} + \text{S}$ collisions at 200 GeV/nucleon. Nuclear Physics A, 1991, 525, 59-65.	1.5	43
663	Strangeness enhancement in central S + S collisions at 200 GeV/nucleon. Nuclear Physics A, 1991, 525, 221-226.	1.5	32
664	Bose-Einstein correlations in ultrarelativistic heavy ion collisions. Nuclear Physics A, 1991, 525, 327-332.	1.5	13
665	Proton rapidity distributions from 60 GeV/n $^{16}\text{O} + \text{Au}$ collisions. Nuclear Physics A, 1991, 525, 689-692.	1.5	3
666	Charged particle multiplicities in nuclear collisions at 200 GeV/N. Zeitschrift für Physik C-Particles and Fields, 1991, 51, 157-162.	1.5	21

#	ARTICLE	IF	CITATIONS
667	Study of the energy flow in sulphur-and oxygen-nucleus collisions at 60 and 200 GeV/nucleon. Zeitschrift für Physik C-Particles and Fields, 1991, 52, 239-263.	1.5	24
668	Neutral strange particle production in sulphur-sulphur and proton-sulphur collisions at 200 GeV/nucleon. Zeitschrift für Physik C-Particles and Fields, 1990, 48, 191-200.	1.5	129
669	Implementation and performance of the event filter muon selection for the ATLAS experiment at LHC. , 0, , .		0