

B H Samset

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

18,539
citations

17429

63
h-index

12585

132
g-index

194
all docs

194
docs citations

194
times ranked

13605
citing authors

#	ARTICLE	IF	CITATIONS
1	Scientific data from precipitation driver response model intercomparison project. <i>Scientific Data</i> , 2022, 9, 123.	2.4	5
2	Earlier emergence of a temperature response to mitigation by filtering annual variability. <i>Nature Communications</i> , 2022, 13, 1578.	5.8	4
3	Reply to: Uncertainty in near-term temperature evolution must not obscure assessments of climate mitigation benefits. <i>Nature Communications</i> , 2022, 13, .	5.8	0
4	Reduced Complexity Model Intercomparison Project Phase 2: Synthesizing Earth System Knowledge for Probabilistic Climate Projections. <i>Earth's Future</i> , 2021, 9, e2020EF001900.	2.4	28
5	Global Radiative Impacts of Black Carbon Acting as Ice Nucleating Particles. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089056.	1.5	18
6	Historical total ozone radiative forcing derived from CMIP6 simulations. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	2.6	44
7	The effect of rapid adjustments to halocarbons and N ₂ O on radiative forcing. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	2.6	7
8	Black Carbon and Precipitation: An Energetics Perspective. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032239.	1.2	8
9	Delayed emergence of a global temperature response after emission mitigation. <i>Nature Communications</i> , 2020, 11, 3261.	5.8	71
10	The Southern Hemisphere Midlatitude Circulation Response to Rapid Adjustments and Sea Surface Temperature Driven Feedbacks. <i>Journal of Climate</i> , 2020, 33, 9673-9690.	1.2	3
11	Extreme wet and dry conditions affected differently by greenhouse gases and aerosols. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	2.6	21
12	Emerging Asian aerosol patterns. <i>Nature Geoscience</i> , 2019, 12, 582-584.	5.4	64
13	How Daily Temperature and Precipitation Distributions Evolve With Global Surface Temperature.. <i>Earth's Future</i> , 2019, 7, 1323-1336.	2.4	13
14	Frequency of extreme precipitation increases extensively with event rareness under global warming. <i>Scientific Reports</i> , 2019, 9, 16063.	1.6	393
15	Arctic Amplification Response to Individual Climate Drivers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6698-6717.	1.2	39
16	Comparison of Effective Radiative Forcing Calculations Using Multiple Methods, Drivers, and Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4382-4394.	1.2	21
17	Efficacy of Climate Forcings in PDRMIP Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12824-12844.	1.2	55
18	Spatial Representativeness Error in the Ground-Level Observation Networks for Black Carbon Radiation Absorption. <i>Geophysical Research Letters</i> , 2018, 45, 2106-2114.	1.5	18

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19	A PDRMIP Multimodel Study on the Impacts of Regional Aerosol Forcings on Global and Regional Precipitation. <i>Journal of Climate</i> , 2018, 31, 4429-4447.	1.2	83
20	Aerosol Absorption: Progress Towards Global and Regional Constraints. <i>Current Climate Change Reports</i> , 2018, 4, 65-83.	2.8	103
21	How cleaner air changes the climate. <i>Science</i> , 2018, 360, 148-150.	6.0	37
22	Climate Impacts From a Removal of Anthropogenic Aerosol Emissions. <i>Geophysical Research Letters</i> , 2018, 45, 1020-1029.	1.5	160
23	Carbon Dioxide Physiological Forcing Dominates Projected Eastern Amazonian Drying. <i>Geophysical Research Letters</i> , 2018, 45, 2815-2825.	1.5	35
24	Weak hydrological sensitivity to temperature change over land, independent of climate forcing. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	33
25	Short Black Carbon lifetime inferred from a global set of aircraft observations. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	57
26	Estimating Source Region Influences on Black Carbon Abundance, Microphysics, and Radiative Effect Observed Over South Korea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,527.	1.2	24
27	Strong Contrast in Remote Black Carbon Aerosol Loadings Between the Atlantic and Pacific Basins. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,386.	1.2	22
28	Drivers of Precipitation Change: An Energetic Understanding. <i>Journal of Climate</i> , 2018, 31, 9641-9657.	1.2	63
29	Understanding Rapid Adjustments to Diverse Forcing Agents. <i>Geophysical Research Letters</i> , 2018, 45, 12023-12031.	1.5	113
30	The Changing Seasonality of Extreme Daily Precipitation. <i>Geophysical Research Letters</i> , 2018, 45, 11,352.	1.5	37
31	Quantifying the Importance of Rapid Adjustments for Global Precipitation Changes. <i>Geophysical Research Letters</i> , 2018, 45, 11399-11405.	1.5	26
32	Sensible heat has significantly affected the global hydrological cycle over the historical period. <i>Nature Communications</i> , 2018, 9, 1922.	5.8	44
33	Aircraft measurements of black carbon vertical profiles show upper tropospheric variability and stability. <i>Geophysical Research Letters</i> , 2017, 44, 1132-1140.	1.5	36
34	Rapid Adjustments Cause Weak Surface Temperature Response to Increased Black Carbon Concentrations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11462-11481.	1.2	118
35	PDRMIP: A Precipitation Driver and Response Model Intercomparison Projectâ€™ Protocol and Preliminary Results. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 1185-1198.	1.7	116
36	Fast and slow precipitation responses to individual climate forcings: A PDRMIP multimodel study. <i>Geophysical Research Letters</i> , 2016, 43, 2782-2791.	1.5	179

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37	Local biomass burning is a dominant cause of the observed precipitation reduction in southern Africa. <i>Nature Communications</i> , 2016, 7, 11236.	5.8	75
38	An assessment of precipitation adjustment and feedback computation methods. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,608-11,619.	1.2	8
39	Climate response to externally mixed black carbon as a function of altitude. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2913-2927.	1.2	59
40	Evaluating the climate and air quality impacts of short-lived pollutants. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10529-10566.	1.9	365
41	Standard climate models radiation codes underestimate black carbon radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2883-2888.	1.9	29
42	Energy market impacts of nuclear power phase-out policies. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1511-1527.	1.0	7
43	Climate Penalty for Shifting Shipping to the Arctic. <i>Environmental Science & Technology</i> , 2014, 48, 13273-13279.	4.6	29
44	How shorter black carbon lifetime alters its climate effect. <i>Nature Communications</i> , 2014, 5, 5065.	5.8	108
45	Global and regional climate impacts of black carbon and co-emitted species from the on-road diesel sector. <i>Atmospheric Environment</i> , 2014, 98, 50-58.	1.9	28
46	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7\text{ TeV}$ pp collisions measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 2895.	1.4	13
47	Upward adjustment needed for aerosol radiative forcing uncertainty. <i>Nature Climate Change</i> , 2014, 4, 230-232.	8.1	19
48	Counteracting the climate effects of volcanic eruptions using short-lived greenhouse gases. <i>Geophysical Research Letters</i> , 2014, 41, 8627-8635.	1.5	5
49	Modelled black carbon radiative forcing and atmospheric lifetime in AeroCom Phase II constrained by aircraft observations. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12465-12477.	1.9	157
50	Measurement of the cross-section for W boson production in association with b -jets in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	53
51	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	32
52	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	137
53	Measurement of ZZ production in pp collisions at $\sqrt{s}=7\text{ TeV}$ and limits on anomalous ZZZ and $ZZ\gamma$ couplings with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	61
54	Search for charged Higgs bosons through the violation of lepton universality in t events using pp collision data at $\sqrt{s}=7\text{ TeV}$ with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	19

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55	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
56	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 $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	1.4	119
57	Improved luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362
58	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76 \text{ TeV}$ and comparison to the inclusive jet cross-section at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	1.4	105
59	Multi-channel search for squarks and gluinos in $\sqrt{s}=7 \text{ TeV}$ pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	1.4	34

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73	Reducing CO ₂ from shipping – do non-CO ₂ effects matter?. Atmospheric Chemistry and Physics, 2013, 13, 4183-4201.	1.9	29
74	Environmental impacts of shipping in 2030 with a particular focus on the Arctic region. Atmospheric Chemistry and Physics, 2013, 13, 1941-1955.	1.9	35
75	Black carbon vertical profiles strongly affect its radiative forcing uncertainty. Atmospheric Chemistry and Physics, 2013, 13, 2423-2434.	1.9	223
76	Host model uncertainties in aerosol radiative forcing estimates: results from the AeroCom Prescribed intercomparison study. Atmospheric Chemistry and Physics, 2013, 13, 3245-3270.	1.9	143
77	Short-lived climate forcers from current shipping and petroleum activities in the Arctic. Atmospheric Chemistry and Physics, 2012, 12, 1979-1993.	1.9	64
78	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.	1.6	45
79	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.	1.6	88
80	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.	1.6	12
81	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.	1.6	53
82	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.	1.6	40
83	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+\tau^-$, $H \rightarrow \tau^+\tau^- + \gamma$ decay mode in $\sqrt{s} = 7, \text{TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
84	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.	1.6	34
85	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.	1.6	15
86	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.	1.6	54
87	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.	1.6	54
88	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.	1.6	17
89	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.	1.6	48
90	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.	1.6	13

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

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109	Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	57
110	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	29
111	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	15
112	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.	1.4	36

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127	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.	1.4	18
128	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.	1.4	41
129	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.	1.4	40
130	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.	1.4	15
131	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.	1.4	60
132	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.	1.4	56
133	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.	1.4	14
134	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.	1.4	39
135	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.	1.4	73
136	Measurement of $W^{\pm}Z$ and Z^0Z^0 production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	11
137	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.	1.6	33
138	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.	1.6	65
139	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 24-32.	1.5	107
140	Measurement of the centrality dependence of Z^0 production yields and observation of Z production in lead-lead collisions with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 24-32.	1.5	107
141	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.	1.5	28
142	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.	1.5	28
143	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	314
144	Search for Supersymmetry Using Final States with One Lepton, Jets, and Missing Transverse Momentum with the ATLAS Detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physical Review Letters, 2011, 106, 131802.	2.9	136

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145	Measurement of Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 172002.	2.9	61
146	Search for Diphoton Events with Large Missing Transverse Energy in 7 TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2011, 106, 121803.	2.9	19
147	Distributed analysis in ATLAS using GANGA. Journal of Physics: Conference Series, 2010, 219, 072002.	0.3	5
148	User analysis of LHC data with Ganga. Journal of Physics: Conference Series, 2010, 219, 072008.	0.3	2
149	Performance of an ARC-enabled computing grid for ATLAS/LHC physics analysis and Monte Carlo production under realistic conditions. Journal of Physics: Conference Series, 2010, 219, 072016.	0.3	0
150	Ganga: User-friendly Grid job submission and management tool for LHC and beyond. Journal of Physics: Conference Series, 2010, 219, 072022.	0.3	4
151	The latest results from the ATLAS experiment. Journal of Physics: Conference Series, 2010, 259, 012021.	0.3	0
152	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	1.4	61
153	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
154	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	1.4	51
155	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
156	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
157	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121
158	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18
159	Measurement of the W , Z and Z production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	1.6	64
160	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	113
161	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	2.9	581
162	Ganga: A tool for computational-task management and easy access to Grid resources. Computer Physics Communications, 2009, 180, 2303-2316.	3.0	83

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163	The ATLAS Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08003-S08003.	0.5	1,752
164	Complete distributed computing environment for a HEP experiment: experience with ARC-connected infrastructure for ATLAS. Journal of Physics: Conference Series, 2008, 119, 062041.	0.3	6
165	Production of Mesons and Baryons at High Rapidity and HighpTin Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2007, 98, 252001.	2.9	74
166	Nuclear modification factor for charged pions and protons at forward rapidity in central Au+Au collisions at 200 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 219-223.	1.5	13
167	BRAHMS Collaboration. Nuclear Physics A, 2006, 774, 938. Forward and midrapidity like-particle ratios from 	0.6	0
168	Forward and midrapidity like-particle ratios from  xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://. Physics Letters, Secti	1.5	32
169	Properties of matter at forward rapidities at RHIC. Nuclear Physics A, 2005, 749, 295-298.	0.6	0
170	Quark-gluon plasma and color glass condensate at RHIC? The perspective from the BRAHMS experiment. Nuclear Physics A, 2005, 757, 1-27.	0.6	1,901
171	Centrality dependent particle production at $\sqrt{s}=200$ GeV in Au+Au collisions. Physical Review C, 2005, 72, .	1.1	72
172	RECENT RESULTS FROM THE BRAHMS EXPERIMENT AT RHIC. International Journal of Modern Physics A, 2005, 20, 4369-4379.	0.5	1
173	Charged Meson Rapidity Distributions in Central Au+Au Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2005, 94, 162301.	2.9	208
174	Centrality Dependence of Charged-Particle Pseudorapidity Distributions from Au+Au Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2005, 94, 032301.	2.9	54
175	Rapidity dependent strangeness measurements in BRAHMS experiment at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S85-S92.	1.4	13
176	Evolution of the Nuclear Modification Factors with Rapidity and Centrality in Au+Au Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 93, 242303.	2.9	301
177	High pT results for Au+Au collisions at $\sqrt{s} = 200$ GeV. European Physical Journal C, 2004, 33, s603-s605.	1.4	0
178	Strangeness production in $\sqrt{s} = 200$ GeV Au+Au collisions at RHIC. European Physical Journal C, 2004, 33, s624-s626.	1.4	0
179	Nuclear Stopping in Au+Au Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 93, 102301.	2.9	195
180	The BRAHMS experiment at RHIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 437-468.	0.7	95

#	ARTICLE	IF	CITATIONS
181	Rapidity Dependence of Charged Antihadron to Hadron Ratios in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 90, 102301.	2.9	89
182	Transverse-Momentum Spectra in Au+Au and d+Au Collisions at $\sqrt{s_{NN}}=200$ GeV and the Pseudorapidity Dependence of High- p_T Suppression. Physical Review Letters, 2003, 91, 072305.	2.9	297
183	Pseudorapidity Distributions of Charged Particles from Au+Au Collisions at the Maximum RHIC Energy, $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2002, 88, 202301.	2.9	222
184	Charged particle densities from Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 523, 227-233.	1.5	133
185	Rapidity Dependence of Antiproton-to-Proton Ratios in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 87, 112305.	2.9	58
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