

Kiyotomo Kawagoe

List of Publications by Year in Descending Order

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

855 papers	26,355 citations	70 h-index	114 g-index
891 ext. papers	29,609 ext. citations	4.4 avg, IF	3.33 L-index

#	Paper	IF	Citations
855	Performance of the ATLAS Level-1 topological trigger in Run2. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
854	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
853	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 $13\sqrt{s} \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
852	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. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
851	AtlFast3: The Next Generation of Fast Simulation in ATLAS. <i>Computing and Software for Big Science</i> , 2022 , 6, 1	6	0
850	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \tau^{\pm} \rightarrow \pi^{\pm} \nu_{\tau} \nu_{\tau}$ events in Run2 data. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
849	The ATLAS inner detector trigger performance in pp collisions at $13\sqrt{s} \text{ TeV}$ during LHC Run 2. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	
848	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and $13\sqrt{s} \text{ TeV}$. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	1
847	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using ($\sqrt{s} = 13\sqrt{s} \text{ TeV}$) proton-proton collision data. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
846	Measurement of the $t(\bar{t})t(\bar{t})$ production cross section in pp collisions at ($\sqrt{s} = 13 \text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
845	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at ($\sqrt{s} = 13 \text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
844	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at ($\sqrt{s} = 13, \sqrt{s} \text{ TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
843	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	5
842	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at ($\sqrt{s} = 13 \text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
841	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at ($\sqrt{s} = 13 \text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
840	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at ($\sqrt{s} = 13 \text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
839	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at ($\sqrt{s} = 13 \text{ TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	5

838	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
837	Search for heavy resonances decaying into a pair of Z bosons in the $(\ell\ell^+\ell\ell^-)$ and $(\ell\ell^+\ell\ell^-\nu\bar{\nu})$ final states using 139 fb ⁻¹ of proton-proton collisions at (\sqrt{s} = 13,)TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	8
836	Search for new phenomena in final states with b-jets and missing transverse momentum in (\sqrt{s}) = 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
835	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $(\ell\ell\ell\ell)$ and $(\ell\ell\ell\ell WW)$ final states in pp collisions at (\sqrt{s} =13) (text {TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
834	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
833	Measurements of $W+W\rightarrow\ell\ell$ jet production cross-sections in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
832	Search for charged Higgs bosons decaying into a top quark and a bottom quark at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
831	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at (\sqrt{s} =13,text {TeV}). <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
830	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a lepton in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
829	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of (\sqrt{s}) = 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
828	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W\rightarrow\ell\ell$ and Z boson production in association with jets. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
827	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
826	A search for the decays of stopped long-lived particles at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
825	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at (\sqrt{s} =13) TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	13
824	Measurement of hadronic event shapes in high-pT multijet final states at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
823	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of (\sqrt{s}) = 13 TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
822	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	5
821	Measurements of WH and ZH production in the $(H\rightarrow\bar{b}b)$ decay channel in pp collisions at (13,text {Te})text {V}) with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7

820	Search for dark matter in association with an energetic photon in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	5
819	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
818	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $(\sqrt{s} = 8, \text{TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
817	Jet energy scale and resolution measured in proton-proton collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	11
816	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $(\sqrt{s} = 13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
815	Search for dark matter produced in association with a single top quark in $(\sqrt{s}=13)$ TeV (pp) collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	4
814	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $(\sqrt{s}) = 13$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
813	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
812	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
811	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
810	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
809	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
808	Configuration and performance of the ATLAS b-jet triggers in Run 2. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
807	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow J/\psi$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
806	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $(\sqrt{s}) = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
805	Higgs boson production cross-section measurements and their EFT interpretation in the (4ℓ) decay channel at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	12
804	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $(\sqrt{s}) = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
803	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb ⁻¹ of data collected with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8

802	Search for dijet resonances in events with an isolated charged lepton using (\sqrt{s}) = 13 TeV proton-proton collision data collected by the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	3
801	Measurement of the $Z(\rightarrow \mu\mu)$ production cross-section in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
800	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at (\sqrt{s})=8) and 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
799	Transverse momentum and process dependent azimuthal anisotropies in ($\sqrt{s_{\mathrm{NN}}}$)=8.16) TeV p+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
798	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	30
797	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in (\sqrt{s})=13) (\sqrt{s}) (TeV) pp collisions using the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	50
796	Search for top squarks in events with a Higgs or Z boson using 139 fb ⁻¹ of pp collision data at (\sqrt{s})=13) TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	1
795	Evidence for ($t\bar{t}$) production in the multilepton final state in proton-proton collisions at (\sqrt{s})=13) (\sqrt{s}) (TeV) with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
794	Search for heavy diboson resonances in semileptonic final states in pp collisions at (\sqrt{s})=13) TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
793	Search for light long-lived neutral particles produced in pp collisions at (\sqrt{s}) = 13- \sqrt{s}) (TeV) and decaying into collimated leptons or light hadrons with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
792	Search for a scalar partner of the top quark in the all-hadronic ($t\bar{t}$) plus missing transverse momentum final state at (\sqrt{s})=13) TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	17
791	Alignment of the ATLAS Inner Detector in Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
790	Determination of jet calibration and energy resolution in proton-proton collisions at (\sqrt{s}) = 8- \sqrt{s}) (TeV) using the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
789	Measurement of J/ψ production in association with a W boson with pp data at 8 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
788	Search for new resonances in mass distributions of jet pairs using 139 fb ⁻¹ of pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	20
787	Search for ($\overline{t}t$) resonances in fully hadronic final states in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	6
786	Reconstruction and identification of boosted di- τ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	3
785	Beam test performance of the highly granular SiW-ECAL technological prototype for the ILC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020 , 950, 162969	1.2	4

784	Measurements of inclusive and differential cross-sections of combined (γ) and tW production in the $e\bar{e}$ channel at 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
783	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
782	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	9
781	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4ℓ decay channel at (\sqrt{s}) = 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	9
780	Fluctuations of anisotropic flow in Pb+Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	13
779	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in (pp) collisions at (\sqrt{s})=13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
778	Measurement of differential cross sections for single diffractive dissociation in (\sqrt{s}) = 8 TeV pp collisions using the ATLAS ALFA spectrometer. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
777	Measurement of isolated-photon plus two-jet production in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
776	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
775	Search for the $HH \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
774	Observation of the associated production of a top quark and a Z boson in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
773	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at (\sqrt{s})=13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
772	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
771	Measurements of top-quark pair spin correlations in the ($e\mu$) channel at (\sqrt{s}) = 13 TeV using pp collisions in the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
770	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at (\sqrt{s})=8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	11
769	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
768	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at (\sqrt{s}) = 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	37
767	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	2

766	Search for single production of vector-like quarks decaying into Wb in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	14
765	Search for top-quark decays $t \rightarrow Hq$ with 36 fb ⁻¹ of pp collision data at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	13
764	Measurement of VH , $(\text{H}) \rightarrow \text{b}\overline{\text{b}}$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
763	Measurements of W and Z boson production in pp collisions at $(\sqrt{s}=5.02)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	12
762	Performance of top-quark and (W) -boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	19
761	Measurements of inclusive and differential fiducial cross-sections of $(\text{t}\overline{\text{t}})\gamma$ production in leptonic final states at $(\sqrt{s}=13\text{--}14\text{ TeV})$ in ATLAS. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
760	Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. <i>Journal of Instrumentation</i> , 2019 , 14, P03017-P03017	1	25
759	Search for doubly charged scalar bosons decaying into same-sign boson pairs with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 58	4.2	20
758	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	21
757	In situ calibration of large-radius jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	16
756	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	26
755	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $(\sqrt{s}) = 13$ and 8 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
754	Measurement of the top quark mass in the $(\text{t}\overline{\text{t}}) \rightarrow \text{lepton} + \text{jets}$ channel from $(\sqrt{s}=8)$ TeV ATLAS data and combination with previous results. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	24
753	Search for pair production of Higgs bosons in the $(\text{b}\overline{\text{b}})\text{b}\overline{\text{b}}$ final state using proton-proton collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	31
752	Constraints on mediator-based dark matter and scalar dark energy models using $(\sqrt{s}) = 13$ TeV pp collision data collected by the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	31
751	Search for long-lived neutral particles in pp collisions at $(\sqrt{s}) = 13\text{--}14\text{ TeV}$ that decay into displaced hadronic jets in the ATLAS calorimeter. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	18
750	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
749	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7

748	Measurement of $(W^{\pm}Z)$ production cross sections and gauge boson polarisation in pp collisions at $(\sqrt{s} = 13 \text{ TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	20
747	Searches for third-generation scalar leptoquarks in $(\sqrt{s}) = 13 \text{ TeV}$ pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	18
746	Search for scalar resonances decaying into $\mu\mu$ events with and without b-tagged jets produced in proton-proton collisions at $(\sqrt{s}=13) \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
745	Search for diboson resonances in hadronic final states in 139 fb $^{-1}$ of pp collisions at $(\sqrt{s}) = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
744	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} \sim 13 \text{ TeV}$ with the ATLAS experiment at the LHC. <i>European Physical Journal C</i> , 2019 , 79,	4.2	3
743	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79,	4.2	11
742	Measurement of K_S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	3
741	Measurement of the inclusive isolated-photon cross section in pp collisions at $(\sqrt{s}) = 13 \text{ TeV}$ using 36 fb $^{-1}$ of ATLAS data. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
740	A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	14
739	Measurement of the top-quark mass in $(t\bar{t}) + 1\text{-jet}$ events collected with the ATLAS detector in pp collisions at $(\sqrt{s}) = 8 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
738	Measurement of fiducial and differential (W^+W^-) production cross-sections at $(\sqrt{s}=13) \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	16
737	Measurement of ZZ production in the $\ell\ell$ final state with the ATLAS detector in pp collisions at $(\sqrt{s}) = 13 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
736	Measurement of (W^{\pm}) -boson and Z-boson production cross-sections in pp collisions at $(\sqrt{s}=2.76) \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	2
735	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	4
734	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	21
733	Measurement of (W^{\pm}) boson production in Pb+Pb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
732	ATLAS b-jet identification performance and efficiency measurement with $(t\bar{t})$ events in pp collisions at $(\sqrt{s}=13) \text{ TeV}$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	43
731	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $(\sqrt{s_{\text{NN}}}) = 5.02 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	16

730	Measurements of top-quark pair differential and double-differential cross-sections in the $(\ell\ell)+\text{jets}$ channel with pp collisions at $(\sqrt{s}=13)$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	13
729	Search for bottom-squark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
728	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	81
727	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $(\sqrt{s}=13)$ TeV with ATLAS. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
726	Measurement of the ϕ -boson mass in pp collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 110	4.2	59
725	Search for new phenomena in high-mass final states with a photon and a jet from collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 102	4.2	7
724	Search for the direct production of charginos and neutralinos in final states with tau leptons in collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 154	4.2	23
723	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at and 5.02 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 142	4.2	35
722	Measurement of quarkonium production in proton-lead and proton-proton collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 171	4.2	35
721	Measurement of differential cross-sections of a single top quark produced in association with a boson at with ATLAS. <i>European Physical Journal C</i> , 2018 , 78, 186	4.2	5
720	Search for heavy resonances in the $\ell\ell$ and $\ell\ell\gamma$ final states using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 293	4.2	41
719	A search for pair-produced resonances in four-jet final states at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 250	4.2	28
718	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb ⁻¹ of $(\sqrt{s}=13)$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	26
717	Search for heavy resonances decaying into $\ell\ell$ in the final state in collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 24	4.2	47
716	Direct top-quark decay width measurement in the lepton+jets channel at with the ATLAS experiment. <i>European Physical Journal C</i> , 2018 , 78, 129	4.2	11
715	Search for W W/W Z resonance production in $\ell\bar{\ell}q$ final states in pp collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	22
714	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	36
713	Construction and response of a highly granular scintillator-based electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018 , 887, 150-168	1.2	4

712	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
711	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 18	4.2	32
710	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 199	4.2	55
709	Measurement of polarisation in decays in proton-proton collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 163	4.2	3
708	Searches for heavy ZZ and ZW resonances in the $\ell\ell q$ and $\ell\ell q$ final states in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
707	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
706	Measurement of differential cross sections and W^+/W^- cross-section ratios for W boson production in association with jets at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
705	Measurement of the W-boson mass in pp collisions at ($\sqrt{s}=7$, $\sqrt{s}=13$ TeV) with the ATLAS detector 2018 , 78, 1		1
704	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at ($\sqrt{s}=13$, $\sqrt{s}=13$ TeV) 2018 , 78, 1		1
703	Physics and Detectors at Future Linear Colliders. <i>Springer Proceedings in Physics</i> , 2018 , 13-16	0.2	
702	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb $^{-1}$ of ($\sqrt{s}=13$) TeV pp collisions with the ATLAS detector 2018 , 2018, 1		1
701	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
700	Measurement of the ($Z\gamma \rightarrow \nu\bar{\nu}\gamma$) production cross section in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
699	Prompt and non-prompt elliptic flow in Pb+Pb collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 784	4.2	8
698	Search for Higgs boson pair production in the channel using collision data recorded at TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 1007	4.2	21
697	Measurement of colour flow using jet-pull observables in events with the ATLAS experiment at. <i>European Physical Journal C</i> , 2018 , 78, 847	4.2	5
696	Performance study of SKIROC2/A ASIC for ILD Si-W ECAL. <i>Journal of Instrumentation</i> , 2018 , 13, C03015-C03015		5
695	Angular analysis of $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ decays in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	44

694	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb of collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment. <i>European Physical Journal C</i> , 2018 , 78, 401	4.2	23
693	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
692	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at ($\sqrt{s}=13$) TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
691	Search for Higgs boson pair production in the ($\gamma\gamma b\bar{b}$) final state with 13 TeV pp collision data collected by the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
690	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
689	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s}=5.02$ TeV Pb+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 997	4.2	21
688	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 903	4.2	66
687	Search for electroweak production of supersymmetric particles in final states with two or three leptons at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 995	4.2	49
686	Search for charged Higgs bosons decaying into top and bottom quarks at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	39
685	Operation and performance of the ATLAS Tile Calorimeter in Run1. <i>European Physical Journal C</i> , 2018 , 78, 987	4.2	13
684	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	28
683	Search for pair production of heavy vector-like quarks decaying into high-pT W bosons and top quarks in the lepton-plus-jets final state in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	16
682	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb of ($\sqrt{s}=13$) TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	33
681	Search for long-lived charginos based on a disappearing-track signature in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	48
680	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
679	Search for charged Higgs bosons decaying via $H^\pm \rightarrow \tau^\pm \nu_\tau$ in the $b\bar{b}$ jets and τ lepton final states with 36 fb of pp collision data recorded at ($\sqrt{s}=13$) TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	33
678	Prompt and non-prompt and suppression at high transverse momentum in Pb+Pb collisions with the ATLAS experiment. <i>European Physical Journal C</i> , 2018 , 78, 762	4.2	23
677	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	22

676	Search for exclusive Higgs and Z boson decays to $\tau\tau$ and $\tau\nu$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
675	Measurements of b-jet tagging efficiency with the ATLAS detector using $(\overline{t}t)$ events at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	31
674	Search for flavour-changing neutral current top-quark decays $t \rightarrow qZ$ in proton-proton collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
673	Measurement of the inclusive and fiducial production cross-sections in the lepton+jets channel in collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 487	4.2	5
672	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 565	4.2	34
671	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 625	4.2	15
670	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	101
669	Measurement of the $[t\bar{t}]$ and $[t\bar{t}Z]$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of $\sqrt{s}=13$ TeV collisions at $[\sqrt{s}=13]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 40	4.2	14
668	A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 -collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 26	4.2	22
667	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	22
666	Measurement of jet activity produced in top-quark events with an electron, a muon and two -tagged jets in the final state in collisions at $[\sqrt{s}=13]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 220	4.2	5
665	Measurement of the boson polarisation in $[t\bar{t}Z]$ events from collisions at $[\sqrt{s}=8]$ TeV in the lepton+jets channel with ATLAS. <i>European Physical Journal C</i> , 2017 , 77, 264	4.2	19
664	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2017 , 77, 195	4.2	61
663	Measurements of top-quark pair differential cross-sections in the $[t\bar{t}]$ channel in collisions at $[\sqrt{s}=13]$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 292	4.2	13
662	Performance of algorithms that reconstruct missing transverse momentum in $[\sqrt{s}=8]$ TeV proton-proton collisions in the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 241	4.2	38
661	Measurement of the prompt $[t\bar{t}]$ pair production cross-section in collisions at $[\sqrt{s}=13]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 76	4.2	47
660	Search for triboson $[t\bar{t}Z]$ production in collisions at $[\sqrt{s}=13]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 141	4.2	13
659	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. <i>European Physical Journal C</i> , 2017 , 77, 490	4.2	177

658	Fiducial, total and differential cross-section measurements of t -channel single top-quark production in collisions at $\sqrt{s}=8$ TeV using data collected by the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 531	4.2	27
657	Measurements of electroweak $[W^+W^-]$ production and constraints on anomalous gauge couplings with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 474	4.2	14
656	Jet reconstruction and performance using particle flow with the ATLAS Detector. <i>European Physical Journal C</i> , 2017 , 77, 466	4.2	42
655	Measurement of multi-particle azimuthal correlations in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 428	4.2	48
654	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in pp collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
653	Measurement of lepton differential distributions and the top quark mass in production in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 804	4.2	11
652	Measurement of the $(\overline{t}\gamma)$ production cross section in proton-proton collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
651	Measurements of charge and CP asymmetries in b-hadron decays using top-quark events collected by the ATLAS detector in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
650	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. <i>European Physical Journal C</i> , 2017 , 77, 673	4.2	33
649	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $[W^+W^-][W^+W^-][W^+W^-]$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 144	4.2	8
648	Measurement of the ZZ production cross section in proton-proton collisions at $(\sqrt{s}=8)$ TeV using the $ZZ \rightarrow \mu\mu\tau\tau$ and $(ZZ \rightarrow \ell\ell^+\ell\ell^+\nu\overline{\nu})$ decay channels with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
647	Probing the Wtb vertex structure in t-channel single-top-quark production and decay in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
646	Measurements of $\chi(3512)$ and $X(3872) \rightarrow J/\psi \chi$ production in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	15
645	Measurements of top-quark pair to Z-boson cross-section ratios at $(\sqrt{s}=13)$, 8, 7 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
644	Search for lepton-flavour-violating decays of the Higgs and bosons with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 70	4.2	52
643	Performance of the ATLAS trigger system in 2015. <i>European Physical Journal C</i> , 2017 , 77, 317	4.2	272
642	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 332	4.2	29
641	Measurements of the production cross section of a $[W^+W^-]$ boson in association with jets in collisions at $[W^+W^-]\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 361	4.2	26

640	Precision measurement and interpretation of inclusive γ and production cross sections with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 367	4.2	56
639	Measurement of jet fragmentation in Pb+Pb and collisions at TeV with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 379	4.2	35
638	Search for dark matter at [Formula: see text] in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 393	4.2	52
637	Measurement of charged-particle distributions sensitive to the underlying event in ($\sqrt{s}=13$) TeV proton-proton collisions with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
636	Search for direct top squark pair production in final states with two leptons in TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 898	4.2	19
635	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in ($\sqrt{s}=13$) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
634	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 765	4.2	10
633	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
632	Search for supersymmetry in events with b-tagged jets and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
631	Measurement of the inclusive jet cross-sections in proton-proton collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
630	Tracking within Hadronic Showers in the CALICE SDHCAL prototype using a Hough Transform Technique. <i>Journal of Instrumentation</i> , 2017 , 12, P05009-P05009	1	8
629	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in ($\sqrt{s}=13$) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
628	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 580	4.2	16
627	Measurement of production with the hadronically decaying boson reconstructed as one or two jets in collisions at with ATLAS, and constraints on anomalous gauge couplings. <i>European Physical Journal C</i> , 2017 , 77, 563	4.2	15
626	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using ($\sqrt{s}=13$) TeV proton-proton collision data. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
625	Searches for the $Z\ell\ell$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	20
624	Studies of $Z\ell\ell$ production in association with a high-mass dijet system in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
623	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at ($\sqrt{s}=13$) TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12

622	Search for top quark decays $t \rightarrow qH$, with $H \rightarrow \gamma\gamma$ in ($\sqrt{s}=13$) TeV pp collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
621	Study of and production in collisions at and search for anomalous quartic gauge couplings with the ATLAS experiment. <i>European Physical Journal C</i> , 2017 , 77, 646	4.2	11
620	Measurements of top quark spin observables in ($\overline{t}t$) events using dilepton final states in ($\sqrt{s}=8$) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
619	Search for new phenomena with large jet multiplicities and missing transverse momentum using large-radius jets and flavour-tagging at ATLAS in 13 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
618	Top-quark mass measurement in the all-hadronic ($\overline{t}t$) decay channel at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
617	Measurement of the Drell-Yan triple-differential cross section in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	16
616	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	30
615	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb $^{-1}$ of ($\sqrt{s}=13$) TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	22
614	Search for pair production of heavy vector-like quarks decaying to high- p_T W bosons and b quarks in the lepton-plus-jets final state in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	29
613	Measurement of the k_t splitting scales in $Z \rightarrow \ell\ell$ events in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	3
612	Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
611	Evidence for the ($H \rightarrow \overline{b}b$) decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	50
610	Search for new high-mass phenomena in the dilepton final state using 36 fb $^{-1}$ of proton-proton collision data at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	126
609	Determination of the strong coupling constant from transverse energy-energy correlations in multijet events at using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 872	4.2	19
608	Experimental tests of particle flow calorimetry. <i>Reviews of Modern Physics</i> , 2016 , 88,	40.5	30
607	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 295	4.2	28
606	Performance of pile-up mitigation techniques for jets in [Formula: see text] collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 581	4.2	148
605	Measurement of the charged-particle multiplicity inside jets from [Formula: see text][Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 322	4.2	35

604	Measurement of jet activity in top quark events using the e ⁺ final state with two b-tagged jets in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	4
603	Measurement of the transverse momentum and [Formula: see text] distributions of Drell-Yan lepton pairs in proton-proton collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 291	4.2	63
602	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW^* \rightarrow e\bar{e}$ with the ATLAS detector at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
601	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
600	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in ($\sqrt{s}=8$) TeV proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
599	Identification of high transverse momentum top quarks in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
598	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , 2016 , 18, 073021	2.9	1
597	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. <i>Journal of Instrumentation</i> , 2016 , 11, P05013-P05013	1	8
596	DHCAL with minimal absorber: measurements with positrons. <i>Journal of Instrumentation</i> , 2016 , 11, P05008-P05008	1	8
595	Resistive Plate Chamber digitization in a hadronic shower environment. <i>Journal of Instrumentation</i> , 2016 , 11, P06014-P06014	1	2
594	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 538	4.2	48
593	Measurement of the differential cross-sections of prompt and non-prompt production of [Formula: see text] and [Formula: see text] in collisions at [Formula: see text] and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 283	4.2	42
592	Luminosity determination in collisions at [Formula: see text] = 8 TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 653	4.2	188
591	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at [Formula: see text] TeV recorded with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 683	4.2	7
590	Addendum to Measurement of the ($t\bar{t}$) production cross-section using (emu) events with b-tagged jets in pp collisions at (\sqrt{s}) = 7 and 8 (TeV) with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	13
589	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
588	Searches for heavy diboson resonances in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
587	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in ($\sqrt{s}=8$) TeV proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16

586	Search for the Standard Model Higgs boson decaying into ($\overline{b}b$) produced in association with top quarks decaying hadronically in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
585	Measurement of the CP-violating phase φ_s and the B^0_s meson decay width difference with $B^0_s \rightarrow J/\psi$ decays in ATLAS. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
584	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 392	4.2	53
583	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	24
582	A search for prompt lepton-jets in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	22
581	Search for new phenomena with photon+jet events in proton-proton collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
580	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 199	4.2	39
579	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
578	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
577	Search for strong gravity in multijet final states produced in pp collisions at ($\sqrt{s}=13$) TeV using the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
576	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 154	4.2	44
575	Search for new phenomena in events with at least three photons collected in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 210	4.2	53
574	Probing lepton flavour violation via neutrinoless $[B_s \rightarrow \mu^+ \mu^-]$ decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 232	4.2	12
573	A new method to distinguish hadronically decaying boosted bosons from bosons using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 238	4.2	6
572	Search for supersymmetry at $\sqrt{s}=13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 259	4.2	48
571	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	45
570	Search for anomalous couplings in the Wtb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1-46	5.4	12
569	Searches for scalar leptoquarks in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 5	4.2	68

568	Measurements of the Higgs boson production and decay rates and coupling strengths using collision data at [Formula: see text] and 8 TeV in the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 6	4.2	185
567	Measurements of fiducial cross-sections for [Formula: see text] production with one or two additional -jets in collisions at [Formula: see text]=8 TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 11	4.2	21
566	Study of the [Formula: see text] and [Formula: see text] decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 4	4.2	13
565	Search for an additional, heavy Higgs boson in the [Formula: see text] decay channel at [Formula: see text] in [Formula: see text] collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 45	4.2	152
564	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 55	4.2	28
563	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at ($\sqrt{s}=8, \text{TeV}$) with the ATLAS detector 2016 , 76, 1		1
562	Study of hard double-parton scattering in four-jet events in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
561	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in ($\sqrt{s}=8$) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
560	Measurement of event-shape observables in [Formula: see text] events in collisions at [Formula: see text] with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 375	4.2	5
559	Charged-particle distributions in interactions at [Formula: see text] measured with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 403	4.2	19
558	Charged-particle distributions at low transverse momentum in [Formula: see text] TeV interactions measured with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 502	4.2	37
557	Search for bottom squark pair production in proton-proton collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 547	4.2	25
556	Search for minimal supersymmetric standard model Higgs Bosons \tilde{H} and for a [Formula: see text] boson in the [Formula: see text] final state produced in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 585	4.2	28
555	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. <i>European Physical Journal C</i> , 2016 , 76, 666	4.2	53
554	Measurement of the [Formula: see text] dijet cross section in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 670	4.2	7
553	The performance of the jet trigger for the ATLAS detector during 2011 data taking. <i>European Physical Journal C</i> , 2016 , 76, 526	4.2	16
552	Search for new phenomena in different-flavour high-mass dilepton final states in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 541	4.2	7
551	Search for the Higgs boson produced in association with a boson and decaying to four -quarks via two spin-zero particles in collisions at 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 605	4.2	16

550	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at [Formula: see text]=13 TeV. <i>European Physical Journal C</i> , 2016 , 76, 292	4.2	263
549	Test of CP invariance in vector-boson fusion production of the Higgs boson using the method in the ditau decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 658	4.2	26
548	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at [Formula: see text] = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 565	4.2	20
547	Measurement of the inclusive isolated prompt photon cross section in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	25
546	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	59
545	Search for flavour-changing neutral current top-quark decays to [Formula: see text] in [Formula: see text] collision data collected with the ATLAS detector at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 12	4.2	16
544	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in collision data at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 87	4.2	18
543	Search for direct top squark pair production in final states with two tau leptons in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 81	4.2	7
542	Search for charged Higgs bosons in the $H \rightarrow tb$ decay channel in pp collisions at (\sqrt{s} =8) TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	33
541	Study of the rare decays of [Formula: see text] and [Formula: see text] into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 513	4.2	27
540	Search for supersymmetry in a final state containing two photons and missing transverse momentum in [Formula: see text] \sqrt{s} = 3 TeV [Formula: see text] collisions at the LHC using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 517	4.2	17
539	Search for resonances in diphoton events at (\sqrt{s} =13) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	49
538	Development of a Highly Granular Silicon-Tungsten ECAL for the ILD. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 2554-2556	0.4	1
537	Search for single production of vector-like quarks decaying into in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 442	4.2	24
536	Measurement of the relative width difference of the (B^0 system) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
535	Jet energy measurement and its systematic uncertainty in proton-proton collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 17	4.2	194
534	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 79	4.2	21
533	Search for resonant diboson production in the [Formula: see text] final state in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 69	4.2	62

532	Measurements of the $[\text{Formula: see text}]$ production cross sections in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 82	4.2	54
531	Search for dark matter in events with heavy quarks and missing transverse momentum in $[\text{Formula: see text}]$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 92	4.2	60
530	Measurement of the (\overline{t}) production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
529	Measurement of the $W W + W Z$ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	12
528	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	29
527	Search for the (\overline{b}) decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	64
526	Measurement of the inclusive jet cross-section in proton-proton collisions at $(\sqrt{s}=7)$ TeV using 4.5 fb ⁻¹ of data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	27
525	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $(\sqrt{s}=8)$ TeV pp collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	45
524	Search for charged Higgs bosons decaying via $H \rightarrow \tau \tau$ in fully hadronic final states using pp collision data at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	56
523	Search for production of $[\text{Formula: see text}]$ resonances decaying to a lepton, neutrino and jets in $[\text{Formula: see text}]$ collisions at $[\text{Formula: see text}]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 209	4.2	73
522	Performance of the ATLAS muon trigger in pp collisions at $[\text{Formula: see text}]$ TeV. <i>European Physical Journal C</i> , 2015 , 75, 120	4.2	51
521	Search for Higgs boson pair production in the $[\text{Formula: see text}]$ final state from collisions at $[\text{Formula: see text}]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 412	4.2	66
520	Determination of spin and parity of the Higgs boson in the $[\text{Formula: see text}]$ decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 231	4.2	15
519	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in collisions at $[\text{Formula: see text}]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 299	4.2	202
518	Search for a new resonance decaying to a γ or Z boson and a Higgs boson in the $[\text{Formula: see text}]$ final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 263	4.2	46
517	Measurement of three-jet production cross-sections in $[\text{Formula: see text}]$ collisions at $7 [\text{Formula: see text}]$ centre-of-mass energy using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 228	4.2	18
516	Constraints on the off-shell Higgs boson signal strength in the high-mass and final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 335	4.2	56
515	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in collisions at $[\text{Formula: see text}] [\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2015 , 75, 303	4.2	49

514	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 476	4.2	104
513	Observation and measurements of the production of prompt and non-prompt [Formula: see text] mesons in association with a [Formula: see text] boson in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 229	4.2	38
512	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into [Formula: see text] in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 349	4.2	94
511	Physics at the [Formula: see text] linear collider. <i>European Physical Journal C</i> , 2015 , 75, 371	4.2	70
510	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in [Formula: see text] TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 318	4.2	44
509	Search for heavy long-lived multi-charged particles in collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 362	4.2	22
508	Two-particle Bose-Einstein correlations in collisions at [Formula: see text] 0.9 and 7 TeV measured with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 466	4.2	28
507	Measurement of the top quark mass in the [Formula: see text] and [Formula: see text] channels using [Formula: see text] [Formula: see text] ATLAS data. <i>European Physical Journal C</i> , 2015 , 75, 330	4.2	32
506	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. <i>European Physical Journal C</i> , 2015 , 75, 510	4.2	109
505	Pion and proton showers in the CALICE scintillator-steel analogue hadron calorimeter. <i>Journal of Instrumentation</i> , 2015 , 10, P04014-P04014	1	6
504	Irradiation and testbeam of KEK/HPK planar p-type pixel modules for HL-LHC. <i>Journal of Instrumentation</i> , 2015 , 10, C06008-C06008	1	4
503	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	2
502	A search for high-mass resonances decaying to $\mu\mu$ in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
501	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	42
500	Search for lepton-flavour-violating $H \rightarrow \mu\tau$ decays of the Higgs boson with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	46
499	Measurement of four-jet differential cross sections in ($\sqrt{s}=8$) TeV proton-proton collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-76	5.4	5
498	A search for ($\overline{t}t$) resonances using lepton-plus-jets events in proton-proton collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	57
497	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18

496	Measurement of charged-particle spectra in Pb+Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=2.76) TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	49
495	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	26
494	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	91
493	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-39	5-4	66
492	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at (\sqrt{s} =7) TeV in the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	31
491	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at (\sqrt{s} =8) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	65
490	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	54
489	Search for new phenomena in events with three or more charged leptons in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	16
488	Summary of the searches for squarks and gluinos using (\sqrt{s} =8) TeV pp collisions with the ATLAS experiment at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	55
487	Determination of the top-quark pole mass using (\overline{t}) + 1-jet events collected with the ATLAS experiment in 7 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	15
486	Measurement of the ($\overline{t}W$) and ($\overline{t}Z$) production cross sections in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	16
485	Search for flavour-changing neutral current top quark decays $t \rightarrow Hq$ in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-65	5-4	18
484	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	22
483	Shower development of particles with momenta from 15 GeV to 150 GeV in the CALICE scintillator-tungsten hadronic calorimeter. <i>Journal of Instrumentation</i> , 2015 , 10, P12006-P12006	1	4
482	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	37
481	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	74
480	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at (\sqrt{s} =7) TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	16
479	Search for [Formula: see text] decays in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 165	4-2	25

478	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 158	4.2	8
477	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in [Formula: see text] TeV [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 208	4.2	50
476	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow W W^*$ decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
475	Search for metastable heavy charged particles with large ionisation energy loss in collisions at [Formula: see text] TeV using the ATLAS experiment. <i>European Physical Journal C</i> , 2015 , 75, 407	4.2	18
474	Testing hadronic interaction models using a highly granular silicon tungsten calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015 , 794, 240-254	1.2	8
473	Beam test performance of the SKIROC2 ASIC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015 , 778, 78-84	1.2	6
472	Measurement of the production and lepton charge asymmetry of [Formula: see text] bosons in Pb+Pb collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 23	4.2	31
471	Search for production of (WW/WZ) resonances decaying to a lepton, neutrino and jets in (pp) collisions at (\sqrt{s})=8 TeV with the ATLAS detector 2015 , 75, 1		1
470	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at (\sqrt{s})=8 TeV with the ATLAS detector 2015 , 75, 1		2
469	Measurement of the inclusive jet cross-section in proton-proton collisions at (\sqrt{s})=7 TeV using 4.5 fb ⁻¹ of data with the ATLAS detector 2015 , 2015, 1		3
468	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at (\sqrt{s})=7 TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	24
467	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at (\sqrt{s})=8 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
466	Shower development of particles with momenta from 1 to 10 GeV in the CALICE Scintillator-Tungsten HCAL. <i>Journal of Instrumentation</i> , 2014 , 9, P01004-P01004	1	8
465	Performance of the first prototype of the CALICE scintillator strip electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 763, 278-289	1.2	12
464	The differential production cross section of the [Formula: see text](1020) meson in [Formula: see text] = 7 TeV [Formula: see text] collisions measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2895	4.2	12
463	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014 , 74, 2941	4.2	160
462	Measurement of the underlying event in jet events from 7 (text {TeV}) proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	18
461	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2982	4.2	18

460	Light-quark and gluon jet discrimination in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3023	4.2	46
459	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $(\sqrt{s}) = 8$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14
458	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $(\sqrt{s}) = 8$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	76
457	Measurement of the production cross section of prompt J/ψ mesons in association with a W boson in pp collisions at $(\sqrt{s}) = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	24
456	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
455	Measurement of the production of a W boson in association with a charm quark in pp collisions at $(\sqrt{s}) = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	37
454	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	120
453	Search for supersymmetry at $(\sqrt{s}) = 8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	39
452	Measurement of the low-mass Drell-Yan differential cross section at $(\sqrt{s}) = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
451	Search for direct top-squark pair production in final states with two leptons in pp collisions at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	52
450	Measurement of $\tilde{\chi}_1^0$ and $\tilde{\chi}_2^0$ production with $(\sqrt{s}) = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
449	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	6
448	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	40
447	Search for direct top squark pair production in events with a [Formula: see text] boson, [Formula: see text]-jets and missing transverse momentum in [Formula: see text] TeV [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2883	4.2	41
446	Evaluation of KEK n-in-p planar pixel sensor structures for very high radiation environments with testbeam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 765, 125-129	1.2	5
445	The time structure of hadronic showers in highly granular calorimeters with tungsten and steel absorbers. <i>Journal of Instrumentation</i> , 2014 , 9, P07022-P07022	1	10
444	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	67
443	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014 , 74, 3130	4.2	166

442	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in [Formula: see text] collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3117	4.2	17
441	A measurement of the ratio of the production cross sections for [Formula: see text] and [Formula: see text] bosons in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3168	4.2	16
440	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at ($\sqrt{s}=8$) TeV with ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
439	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of (\sqrt{s}) = 8 TeV proton-proton collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	9
438	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using ($\sqrt{s}=8$) TeV proton-proton collision data. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	108
437	Measurement of the [Formula: see text] production cross-section using [Formula: see text] events with [Formula: see text]-tagged jets in [Formula: see text] collisions at [Formula: see text] and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3109	4.2	107
436	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in (\sqrt{s}) = 8 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	54
435	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at [Formula: see text] TeV in 2010. <i>European Physical Journal C</i> , 2014 , 74, 3034	4.2	45
434	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	160
433	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3134	4.2	31
432	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3157	4.2	52
431	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3195	4.2	21
430	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at (\sqrt{s}) = 8 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	36
429	Measurement of the production cross-section of $t\bar{t} \rightarrow J/\psi + \text{X}$ in pp collisions at (\sqrt{s}) = 7 TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
428	Measurement of the Z/ γ boson transverse momentum distribution in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	79
427	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at ($\sqrt{s}=8$) TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	31
426	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
425	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	38

424	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
423	Measurement of the ($\overline{t}t$) production cross-section using ($\mu\mu$) events with (b)-tagged jets in (pp) collisions at ($\sqrt{s}=7$) and 8 TeV with the ATLAS detector 2014 , 74, 1		2
422	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	50
421	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	34
420	Search for third generation scalar leptoquarks in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	30
419	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	5.4	124
418	Measurement of ZZ production in pp collisions at ($\sqrt{s}=7$) TeV and limits on anomalous ZZZ and ZZ couplings with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	45
417	Search for charged Higgs bosons through the violation of lepton universality in ($\overline{t}t$) events using pp collision data at ($\sqrt{s}=7$) TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
416	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	47
415	Measurement of splitting scales in \rightarrow events at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2432	4.2	8
414	Search for a light charged Higgs boson in the decay channel [Formula: see text] in [Formula: see text] events using collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2465	4.2	76
413	Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in ($\sqrt{s}=8$) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	92
412	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum at ($\sqrt{s}=8$) TeV proton-proton collisions using the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	64
411	Measurement of the differential cross-section of B + meson production in pp collisions at ($\sqrt{s}=7$) TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	24
410	Performance of jet substructure techniques for large-R jets in proton-proton collisions at ($\sqrt{s}=7$) TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
409	Improved luminosity determination in collisions at [Formula: see text] using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2518	4.2	276
408	Measurement of the inclusive jet cross-section in collisions at [Formula: see text] and comparison to the inclusive jet cross-section at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2509	4.2	71
407	Multi-channel search for squarks and gluinos in [Formula: see text] collisions with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2362	4.2	25

406	Jet energy measurement with the ATLAS detector in proton-proton collisions at ($\sqrt{s}=7\text{ TeV}$). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	209
405	Measurement of jet shapes in top-quark pair events at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2676	4.2	18
404	Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	143
403	Measurement of the top quark charge in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
402	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	72
401	Measurement of isolated-photon pair production in pp collisions at ($\sqrt{s}=7\text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	44
400	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	55
399	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at ($\sqrt{s}=7\text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
398	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at ($\sqrt{s}=7\text{ TeV}$). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	55
397	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at ($\sqrt{s}=7\text{ TeV}$). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	44
396	Measurement of the flavour composition of dijet events in pp collisions at ($\sqrt{s}=7\text{ TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	12
395	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	41
394	Jet energy resolution in proton-proton collisions at [Formula: see text] recorded in 2010 with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2306	4.2	153
393	Measurement of the [Formula: see text] production cross section in the tau + jets channel using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2328	4.2	30
392	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>New Journal of Physics</i> , 2013 , 15, 043009	2.9	15
391	Validation of GEANT4 Monte Carlo models with a highly granular scintillator-steel hadron calorimeter. <i>Journal of Instrumentation</i> , 2013 , 8, P07005-P07005	1	9
390	Track segments in hadronic showers in a highly granular scintillator-steel hadron calorimeter. <i>Journal of Instrumentation</i> , 2013 , 8, P09001-P09001	1	7
389	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	14

388	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at ($\sqrt{s} = 7$ TeV) with the ATLAS experiment. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	31
387	Measurement of the charge asymmetry in top quark pair production in collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2039	4.2	78
386	Search for lepton flavour violation in the continuum with the ATLAS detector in [Formula: see text] collisions at the LHC. <i>European Physical Journal C</i> , 2012 , 72, 2040	4.2	10
385	Measurement of the top quark mass with the template method in the [Formula: see text] channel using ATLAS data. <i>European Physical Journal C</i> , 2012 , 72, 2046	4.2	42
384	Search for heavy neutrinos and right-handed bosons in events with two leptons and jets in collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2056	4.2	78
383	Measurement of polarization in \rightarrow decays with the ATLAS detector in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2062	4.2	17
382	Construction and performance of a silicon photomultiplier/extruded scintillator tail-catcher and muon-tracker. <i>Journal of Instrumentation</i> , 2012 , 7, P04015-P04015	1	12
381	Measurement of the cross section for top-quark pair production in pp collisions at ($\sqrt{s} = 7$ TeV) with the ATLAS detector using final states with two high-p T leptons. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	43
380	Jet mass and substructure of inclusive jets in ($\sqrt{s} = 7$ TeV) pp collisions with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	67
379	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	10
378	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb ⁻¹ of ($\sqrt{s} = 7$ TeV) proton-proton collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	48
377	A search for ($\overline{t}t$) resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at ($\sqrt{s} = 7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	39
376	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in ($\sqrt{s} = 7$ TeV) pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
375	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at ($\sqrt{s}=7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	31
374	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at ($\sqrt{s}=7$) TeV with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	11
373	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	53
372	Search for high-mass resonances decaying to dilepton final states in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	49
371	Search for anomalous production of prompt like-sign lepton pairs at ($\sqrt{s}=7$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	16

370	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. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
369	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. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
368	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	199
367	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at ($\sqrt{s} = 7\text{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	70
366	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at ($\sqrt{s} = 7\text{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13
365	Measurement of [Formula: see text] production with a veto on additional central jet activity in collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2043	4.2	82
364	Search for charged Higgs bosons in ee collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2076	4.2	14
363	A search for [Formula: see text] resonances with the ATLAS detector in 2.05 fb of proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2083	4.2	14
362	Search for second generation scalar leptoquarks in pp collisions at ($\sqrt{s}=7\text{TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	35
361	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13
360	Measurement of $W \mp Z$ production in proton-proton collisions at ($\sqrt{s}=7\text{TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	54
359	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. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
358	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at ($\sqrt{s}=7\text{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	18
357	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. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11
356	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in ($\sqrt{s}=7\text{TeV}$) proton-proton collisions. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	31
355	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at ($\sqrt{s} = 7\text{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	34
354	Search for doubly charged Higgs bosons in like-sign dilepton final states at ($\sqrt{s} = 7\text{TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	104
353	Performance of missing transverse momentum reconstruction in proton-proton collisions at ($\sqrt{s} = 7\text{TeV}$) with ATLAS. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	217

352	Performance of the ATLAS Trigger System in 2010. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	232
351	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. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	34
350	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ events using pp collision data at ($\sqrt{s} = 7$;TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	112
349	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
348	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	23
347	Hadronic energy resolution of a highly granular scintillator-steel hadron calorimeter using software compensation techniques. <i>Journal of Instrumentation</i> , 2012 , 7, P09017-P09017	1	17
346	Tests of a Particle Flow Algorithm with CALICE test beam data. <i>Journal of Instrumentation</i> , 2011 , 6, P07005-P07005	1	105
345	Electromagnetic response of a highly granular hadronic calorimeter. <i>Journal of Instrumentation</i> , 2011 , 6, P04003-P04003	1	13
344	Effects of high-energy particle showers on the embedded front-end electronics of an electromagnetic calorimeter for a future lepton collider. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 654, 97-109	1.2	6
343	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	103
342	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	138
341	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	16
340	Luminosity determination in pp collisions at ($\sqrt{s} = 7$) TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	167
339	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. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	30
338	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. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	18
337	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. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	41
336	Limits on the production of the standard model Higgs boson in pp collisions at ($\sqrt{s} = 7$) TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	37
335	Determination of σ_S using OPAL hadronic event shapes at ($\sqrt{s} = 91$ GeV) and resummed NNLO calculations. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	26

334	Search for diphoton events with large missing transverse energy with 36 pb ⁻¹ of 7 TeV proton-proton collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	15
333	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	44
332	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	51
331	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb ⁻¹ of ATLAS data. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	13
330	Search for massive colored scalars in four-jet final states in ($\sqrt{s}=7\text{ TeV}$) proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	37
329	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at ($\sqrt{s}=7\text{ TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	53
328	Measurement of W and Z production in proton-proton collisions at ($\sqrt{s} = 7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	11
327	Inclusive search for same-sign dilepton signatures in pp collisions at ($\sqrt{s} = 7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	31
326	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. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	60
325	Construction and commissioning of the CALICE analog hadron calorimeter prototype. <i>Journal of Instrumentation</i> , 2010 , 5, P05004-P05004	1	34
324	Study of the interactions of pions in the CALICE silicon-tungsten calorimeter prototype. <i>Journal of Instrumentation</i> , 2010 , 5, P05007-P05007	1	10
323	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 723-753	4.2	41
322	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , 2010 , 70, 787-821	4.2	70
321	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C</i> , 2010 , 70, 755-785	4.2	12
320	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C</i> , 2010 , 70, 875-916	4.2	14
319	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , 2010 , 70, 823-874	4.2	817
318	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 1193-1236	4.2	82
317	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	14

316	Measurement of the $W \rightarrow \ell \bar{\nu}_\ell$ and $Z/\ell^+ \ell^- \rightarrow \ell^+ \ell^-$ production cross sections in proton-proton collisions at ($\sqrt{s} = 7$; {TeV}) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	58
315	Search for invisibly decaying Higgs bosons in $e^+e^- \rightarrow Z^0 h^0$ production at $\sqrt{s} = 183$ – 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 682, 381-390	4.2	15
314	Beam test results of a high-granularity tile/fiber electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 600, 398-407	1.2	3
313	Response of the CALICE Si-W electromagnetic calorimeter physics prototype to electrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 608, 372-383	1.2	35
312	Λ - $\bar{\Lambda}$ hyperon correlations in Z^0 decay and investigation of the baryon production mechanism. <i>European Physical Journal C</i> , 2009 , 64, 609-625	4.2	2
311	Status of the ATLAS Level-1 Central Trigger and Muon Barrel Trigger and First Results from Cosmic-Ray Data. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 139-144	1.7	1
310	Inclusive transverse mass analysis for squark and gluino mass determination. <i>Journal of High Energy Physics</i> , 2008 , 2008, 035-035	5.4	72
309	Design and electronics commissioning of the physics prototype of a Si-W electromagnetic calorimeter for the International Linear Collider. <i>Journal of Instrumentation</i> , 2008 , 3, P08001-P08001	1	36
308	Performance of a shower maximum detector with avalanche photodiode readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 589, 370-382	1.2	3
307	Inclusive jet production in photon-photon collisions at \sqrt{s} from 189 to 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 658, 185-192	4.2	5
306	Search for Dirac magnetic monopoles in e^+e^- . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 37-42	4.2	23
305	Measurement of B_s with radiative hadronic events. <i>European Physical Journal C</i> , 2008 , 53, 21	4.2	11
304	Status of the ATLAS Level-1 Central Trigger and Muon Barrel Trigger and First Results from Cosmic-Ray Data 2007 ,		1
303	Development and study of the multi pixel photon counter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 427-432	1.2	51
302	The ATLAS level-1 trigger: Status of the system and first results from cosmic-ray data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 476-481	1.2	2
301	Inclusive production of charged hadrons in photon-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 651, 92-101	4.2	8
300	Search for invisibly decaying Higgs bosons with large decay width using the OPAL detector at LEP. <i>European Physical Journal C</i> , 2007 , 49, 457-472	4.2	5
299	Measurement of the $e^+e^- \rightarrow W^+W^-$ cross section and W decay branching fractions at LEP. <i>European Physical Journal C</i> , 2007 , 52, 767-785	4.2	11

298	Bose-Einstein study of position-momentum correlations of charged pions in hadronic Z0 decays. <i>European Physical Journal C</i> , 2007 , 52, 787	4.2	11
297	Discovery of supersymmetry with degenerate mass spectrum. <i>Physical Review D</i> , 2006 , 74,	4.9	24
296	Development of Multi-Pixel Photon Counters 2006 ,		5
295	Fine-granularity electromagnetic calorimeter using plastic scintillator strip-array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 557, 460-478	1.2	6
294	QCD coherence and correlations of particles with restricted momenta in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 30-38	4.2	6
293	Physics interplay of the LHC and the ILC. <i>Physics Reports</i> , 2006 , 426, 47-358	27.7	261
292	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , 2006 , 47, 547	4.2	496
291	Measurement of the strong coupling α_s from four-jet observables in e+e- annihilation. <i>European Physical Journal C</i> , 2006 , 47, 295	4.2	9
290	New supersymmetry mass reconstruction method at the CERN LHC. <i>Physical Review D</i> , 2005 , 71,	4.9	71
289	Search for radions at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 609, 20-34	4.2	2
288	Measurements of Rb in e+e- collisions at s between 182 and 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 609, 212-225	4.2	2
287	Beam test of a prototype fine-granularity scintillator tile EM calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 546, 535-543	1.2	6
286	Study of Cascade Shower Fluctuation with a Tile/Fiber Sampling Calorimeter. <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 2716-2727	1.5	
285	Constraints on anomalous quartic gauge boson couplings from $\gamma\gamma$ and $q\bar{q}\gamma\gamma$ events at CERN LEP2. <i>Physical Review D</i> , 2004 , 70,	4.9	34
284	Study of the gauge mediation signal with nonpointing photons at the CERN LHC. <i>Physical Review D</i> , 2004 , 69,	4.9	21
283	Experimental studies of unbiased gluon jets from e+e- annihilations using the jet boost algorithm. <i>Physical Review D</i> , 2004 , 69,	4.9	13
282	Study of the slepton nonuniversality at the CERN Large Hadron Collider. <i>Physical Review D</i> , 2004 , 70,	4.9	21
281	A study of W+W- events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 580, 17-36	4.2	21

280	W boson polarisation at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 223-236	4.2	18
279	Measurement of the partial widths of the Z into up- and down-type quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 586, 167-182	4.2	1
278	Determination of the LEP beam energy using radiative fermion-pair events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 604, 31-47	4.2	7
277	Test of non-commutative QED in the process $e+e \rightarrow \mu^+\mu^-$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 181-190	4.2	22
276	Measurement of heavy quark forward-backward asymmetries and average B mixing using leptons in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 577, 18-36	4.2	9
275	Search for the single production of doubly-charged Higgs bosons and constraints on their couplings from Bhabha scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 577, 93-108	4.2	36
274	A measurement of the $B \rightarrow \mu^+\mu^-$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 551, 35-48	4.2	10
273	Bose-Einstein correlations of π^0 pairs from hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 559, 131-143	4.2	9
272	Search for stable and long-lived massive charged particles in $e+e$ collisions at $s=130 \pm 09$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 572, 8-20	4.2	49
271	Detailed study of gluino decay into third generation squarks at the CERN LHC. <i>Physical Review D</i> , 2003 , 68,	4.9	45
270	Performance of preshower and shower-maximum detectors with a lead/plastic-scintillator calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 487, 275-290	1.2	8
269	Performance of a compensating lead/plastic scintillator tile/fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 487, 291-307	1.2	11
268	Search for doubly charged Higgs bosons with the OPAL detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 526, 221-232	4.2	53
267	Search for leptoquarks in electron-photon scattering at see up to 209 GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 526, 233-246	4.2	15
266	Measurement of the charm structure function $F_{2,c}$ of the photon at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 539, 13-24	4.2	12
265	Search for charged excited leptons in $e+e$ collisions at $s=183 \pm 09$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 544, 57-72	4.2	17
264	Measurement of neutral-current four-fermion production at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 544, 259-273	4.2	6
263	Search for associated production of massive states decaying into two photons in $e+e$ annihilations at $s=88 \pm 09$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 544, 44-56	4.2	21

262	Search for scalar top and scalar bottom quarks at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 545, 272-284	4.2	36
261	Measurement of the b quark forwardBackward asymmetry around the Z0 peak using an inclusive tag. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 546, 29-47	4.2	11
260	Charged particle multiplicities in heavy and light quark initiated events above the Z0 peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 550, 33-46	4.2	7
259	Scenery from the top: Study of the third generation squarks at the CERN LHC. <i>Physical Review D</i> , 2002 , 66,	4.9	26
258	Search for the Standard Model Higgs boson in e+e collisions at 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 499, 38-52	4.2	57
257	Searches for prompt light gravitino signatures in e+e collisions at s=189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 501, 12-27	4.2	2
256	Measurement of the mass and width of the W boson in e+e collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 29-46	4.2	14
255	Angular analysis of the muon pair asymmetry at LEP 1. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 516, 1-20	4.2	1
254	Measurement of the branching ratio for the process b->X. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 520, 1-10	4.2	13
253	Search for lepton flavour violation in e+e collisions at s=189-209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 519, 23-32	4.2	20
252	Search for single top quark production at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 521, 181-194	4.2	48
251	Genuine correlations of like-sign particles in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 523, 35-52	4.2	16
250	Search for new physics in rare B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 476, 233-242	4.2	14
249	Z boson pair production in e+e collisions at and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 476, 256-272	4.2	12
248	Measurement of Vcb using decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 482, 15-30	4.2	37
247	A measurement of the rate of charm production in W decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 71-86	4.2	3
246	A measurement of the mass and the first CPT test with leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 492, 23-31	4.2	37
245	First measurement of the inclusive branching ratio of b hadrons to mesons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 492, 13-22	4.2	1

244	W+W $\bar{\nu}$ production cross section and W branching fractions in e+e $\bar{\nu}$ collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 493, 249-265	4.2	31
243	Measurement of the B $\bar{0}$ lifetime and oscillation frequency using decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 493, 266-280	4.2	15
242	A measurement of the B $\bar{0}$ -B $\bar{0}$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 447, 134-146	4.2	15
241	Search for baryon and lepton number violating Z $\bar{0}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 447, 157-166	4.2	2
240	Colour reconnection studies in e+e $\bar{\nu}$ -W+W $\bar{\nu}$ at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 153-168	4.2	14
239	Search for Higgs bosons and other massive states decaying into two photons in e+e $\bar{\nu}$ collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 464, 311-322	4.2	13
238	Multi-photon production in e+e $\bar{\nu}$ collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 465, 303-314	4.2	14
237	A systematic measurement of energy resolution and e/ $\bar{\nu}$ ratio of a lead/plastic-scintillator sampling calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 432, 48-65	1.2	15
236	Test results on hybrid photodiodes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 421, 512-521	1.2	6
235	Measurement of the W mass and width in e+e $\bar{\nu}$ collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 138-152	4.2	14
234	Measurement of the W+W $\bar{\nu}$ cross-section and first direct limits on anomalous electroweak quartic gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 293-307	4.2	27
233	Search for scalar top and scalar bottom quarks at $\sqrt{s} = 189$ GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 95-106	4.2	40
232	Measurements of the B $\bar{s}0$ and $\bar{B}0$ lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 161-179	4.2	31
231	Search for charged Higgs bosons in e+e $\bar{\nu}$ collisions at $\sqrt{s} = 172$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 180-192	4.2	9
230	Search for stable and long-lived massive charged particles in e+e $\bar{\nu}$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 433, 195-208	4.2	21
229	An upper limit on the anomalous magnetic moment of the τ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 431, 188-198	4.2	39
228	Multi-photon production in e+e $\bar{\nu}$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 379-390	4.2	5
227	Measurement of the longitudinal cross-section using the direction of the thrust axis in hadronic events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 440, 393-402	4.2	6

226	Determination of the production rate of D^0 mesons and of the ratio $V/(V+P)$ in (Z^0 to $c\bar{b}$) decays. <i>European Physical Journal C</i> , 1998 , 5, 1-17	4.2	5
225	A search for neutral Higgs bosons in the MSSM and models with two scalar field doublets. <i>European Physical Journal C</i> , 1998 , 5, 19-40	4.2	7
224	Femtomolar bradykinin-induced relaxation of isolated bovine coronary arteries, mediated by endothelium-derived nitric oxide. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 1998 , 21, 304-8	1.4	3
223	Search for the B_c meson in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 420, 157-168	4.2	30
222	Search for an excess in the production of four-jet events from e^+e^- collisions at $s=130-184$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 399-413	4.2	5
221	Search for Higgs bosons and new particles decaying into two photons at $s=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 437, 218-230	4.2	15
220	Production of B_s^0 mesons in photon-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 197-208	4.2	16
219	First measurement of Z/γ production in Compton scattering of quasi-real photons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 391-404	4.2	8
218	Measurement of the average polarization of b baryons in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 444, 539-554	4.2	19
217	Multi-photon final states in e^+e^- collisions at $\sqrt{s}=130-172$ GeV. <i>European Physical Journal C</i> , 1998 , 1, 21-30	4.2	5
216	Search for a massive Di-photon resonance at $\sqrt{s}=91-172$ GeV. <i>European Physical Journal C</i> , 1998 , 1, 31-43	4.2	6
215	Search for unstable heavy and excited leptons in e^+e^- collisions at $\sqrt{s}=170-172$ GeV. <i>European Physical Journal C</i> , 1998 , 1, 45-64	4.2	9
214	Multi-photon final states in e^+e^- collisions at $\sqrt{s}=130-172$ GeV 1998 , 1, 21		5
213	Search for a massive Di-photon resonance at $\sqrt{s}=91-172$ GeV 1998 , 1, 31		4
212	Search for unstable heavy and excited leptons in e^+e^- collisions at $\sqrt{s}=170-172$ GeV 1998 , 1, 45		4
211	Determination of the production rate of D^0 mesons and of the ratio $V/(V+P)$ in (Z^0 to $c\bar{b}$) decays 1998 , 5, 1		11
210	A search for neutral Higgs bosons in the MSSM and models with two scalar field doublets 1998 , 5, 19		11
209	Search for the Standard Model Higgs boson in e^+e^- collisions at $s=161$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 393, 231-244	4.2	9

208	Search for charged scalar leptons using the OPAL detector at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 396, 301-314	4.2	10
207	Spin alignment of leading $K^*(892)0$ mesons in hadronic $Z0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 412, 210-224	4.2	23
206	A measurement of the charm and bottom forward-backward asymmetries using D mesons at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 379-395		8
205	Λ_b , Λ_c and Λ hyperon production in hadronic $Z0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 587-599		15
204	Search for excited leptons in $e+e^-$ collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 197-209	4.2	9
203	Photonic events with large missing energy in $e+e^-$ collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 210-220	4.2	5
202	Search for unstable neutral and charged heavy leptons in $e+e^-$ collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 393, 217-230	4.2	8
201	A measurement of $ V_{cb} $ using decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 395, 128-140	4.2	22
200	Measurement of the triple gauge boson coupling $\epsilon_{WW\gamma}$ from $W+W^-$ production in $e+e^-$ collisions at $\sqrt{s}=161\text{GeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 397, 147-157	4.2	17
199	An upper limit on the branching ratio for Λ_c decays into seven charged particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 404, 213-222	4.2	4
198	Measurement of the photon structure function F_2^{γ} at low x . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 412, 225-234	4.2	26
197	Measurement of the Q^2 evolution of the photon structure function F_2^{γ} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 387-401	4.2	34
196	Production of fermion-pair events in $e+e^-$ collisions at 161 GeV centre-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 221-234	4.2	34
195	Performance studies of a lead-scintillation fiber calorimeter prototype for the linear collider detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 385, 215-224	1.2	2
194	QCD studies with $e+e^-$ annihilation data at 130 and 136 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 191-206		73
193	A precise measurement of the tau polarization and its forward-backward asymmetry at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 365-375		7
192	A measurement of the B^0_d oscillation frequency using leptons and D^{*+} mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 377-388		17
191	Multiplicity dependence of Bose-Einstein correlations in hadronic $Z0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 389-398		24

190	A study of charm hadron production in (Z^0 to $c\bar{c}$) and (Z^0 to $b\bar{b}$) decays at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 1-16		37
189	Prompt production in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 343-352	4.2	11
188	A first measurement of the Λ and $\bar{\Lambda}$ spin compositions in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 377-387	4.2	25
187	Search for unstable neutral and charged heavy leptons in e^+e^- collisions at and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 385, 433-444	4.2	8
186	Search for excited leptons in e^+e^- collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 386, 463-474	4.2	10
185	Measurement of the branching fraction of the radiative decay $B \rightarrow \pi^0 \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 437-449	4.2	6
184	Search for scalar top and scalar bottom quarks using the OPAL detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 197-210	4.2	6
183	Measurement of the mass of the W boson in e^+e^- collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 416-428	4.2	34
182	Test of QCD analytic predictions for the multiplicity ratio between gluon and quark jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 659-672	4.2	27
181	Search for chargino and neutralino production in e^+e^- collisions at $s = 161$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 616-630	4.2	17
180	Measurement of $B(H \rightarrow c\bar{c})/B(H \rightarrow b\bar{b})$ in e^+e^- colliders at a center-of-mass energy of 300 GeV. <i>Physical Review D</i> , 1996 , 54, 3634-3640	4.9	4
179	QCD studies with e^+e^- annihilation data at 130 and 136 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 191-206		
178	A precise measurement of the tau polarization and its forward-backward asymmetry at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 365-375		
177	A measurement of the B_d^0 oscillation frequency using leptons and $D^{*\pm}$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 377-388		
176	Multiplicity dependence of Bose-Einstein correlations in hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 389-398		
175	A study of charm hadron production in (Z^0 to $c\bar{c}$) and (Z^0 to $b\bar{b}$) decays at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 1		12
174	A study of QCD structure constants and a measurement of $\alpha_s(M_{Z^0})$ at LEP using event shape observables. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 519-530		2
173	Investigation of the string effect using final state photons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 531-540		5

172	Measurement of the $B \rightarrow h \ell + h \bar{\ell}$ and $B \rightarrow h \ell + h \ell \bar{\ell}$ branching ratios. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 555-567		5
171	A model independent measurement of quark and gluon jet properties and differences. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 179-201		26
170	Measurement of the longitudinal, transverse and asymmetry fragmentation functions at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 203-213		28
169	An improved measurement of the B^0 lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 350, 273-282	4.2	18
168	A measurement of charged particle multiplicity in $Z^0 \rightarrow c\bar{c}$ and $Z^0 \rightarrow b\bar{b}$ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 176-186	4.2	26
167	A measurement of the B^0 lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 353, 402-412	4.2	23
166	Measurement of the multiplicity of charm quark pairs from gluons in hadronic Z^0 Decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 353, 595-605	4.2	25
165	B^+ production in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 162-172	4.2	12
164	A study of b quark fragmentation into B^0 and B^+ mesons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 364, 93-106	4.2	35
163	Tests of photon-detection devices in strong magnetic fields. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 366, 71-75	1.2	6
162	Observations of B charge-flavor correlations and resonant B and B_K production. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 19-29		73
161	A test of CP-invariance in $Z^0 \rightarrow B\bar{B}$ using optimal observables. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 31-44		17
160	A search for lepton flavour violating Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 555-563		64
159	A measurement of the QCD colour factor ratios C_A/C_F and T_F/C_F from angular correlations in four-jet events. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 367-377		28
158	Comparisons of the properties of final state photons in hadronic Z^0 decays with predictions from matrix element calculations. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 15-26		5
157	A measurement of the production of $D^{*\pm}$ mesons on the Z^0 resonance. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 27-44		45
156	Measurement of the hadronic decay current in $B \rightarrow \ell \ell^+ \ell^- \nu$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 45-55		11
155	A study of charm meson production in semileptonic B decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 57-68		28

154	Search for heavy charged particles and for particles with anomalous charge in $e+e^-$ collisions at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 203-211		32
153	Measurement of the tau lepton polarization and its forward-backward asymmetry from Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 1-16		9
152	Measurement of $(\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons}))$ using a double tagging method. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 17-30		23
151	Measurement of single photon production in $e+e^-$ collisions near the Z^0 resonance. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 47-65		33
150	Determination of an upper limit for the mass of the \tilde{e} neutrino at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 183-188		6
149	Measurement of the leptonic branching ratios of the τ lepton. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 543-554		9
148	A study of B meson oscillations using dilepton events. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 555-565		15
147	Inclusive strange vector and tensor meson production in hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 1-11		20
146	A measurement of the forward-backward asymmetry of $e+e^- \rightarrow b\bar{b}$ by applying a jet charge algorithm to lifetime tagged events. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 365-378		13
145	Improved measurements of the B^0 and B^+ meson lifetimes. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 379-388		14
144	The production of neutral kaons in Z^0 decays and their Bose-Einstein correlations. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 389-401		24
143	Determination of event shape distributions and $\tau \rightarrow b\bar{s}$ from $(Z^0 \rightarrow b\bar{b})$ events at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 31-45		6
142	Measurement of the average b-baryon lifetime and the product branching ratio $(\Gamma(b \rightarrow \Lambda_b^-) \cdot \text{BR}(\Lambda_b^- \rightarrow \Lambda_b^- \ell^+ \bar{\nu}_\ell))$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 195-214		4
141	A comparison of b and uds quark jets to gluon jets. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 543-560		1
140	Measurement of the $\Gamma \rightarrow h_{\text{CP}}$ and $\Gamma \rightarrow h_{\text{CP}}^*$ branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 328, 207-222	4.2	8
139	Measurement of the time dependence of mixing using leptons and D^{*0} mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 336, 585-598	4.2	16
138	Measurements of the inclusive branching ratios of τ leptons to K^0 s and charged $K^*(892)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 339, 278-292	4.2	4
137	Multiplicity and transverse momentum correlations in multihadronic final states in $e+e^-$ interactions at $\sqrt{s} = 91.2$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 320, 417-430	4.2	27

136	Search for the minimal standard model Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 327, 397-410	4.2	23
135	Measurement of the time dependence of mixing using a jet charge technique. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 327, 411-424	4.2	46
134	Updated measurement of the τ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 338, 497-506	4.2	14
133	Search for rare hadronic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 337, 393-404	4.2	10
132	Observation of exclusive decays of B mesons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 337, 196-206	4.2	5
131	Search for a scalar top quark using the OPAL detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 337, 207-218	4.2	14
130	Measurement of the production rates of charged hadrons in e^+e^- annihilation at the Z ⁰ . <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 63, 181-195		79
129	QCD studies using a cone-based jet finding algorithm for e^+e^- collisions at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 63, 197-211		63
128	Measurement of the photon structure function F_2^γ in the reaction $e^+e^- \rightarrow e^+e^- + \text{hadrons}$ at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 61, 199-208		23
127	Studies of charged particle multiplicity in b quark events. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 61, 209-221		25
126	Measurement of $\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons})$ using impact parameters and leptons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 61, 357-369		6
125	Search for neutral Higgs bosons in the minimal supersymmetric extension of the standard model. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 64, 1-13		13
124	A study of mean sub-jet multiplicities in two- and three-jet hadronic Z ⁰ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 63, 363-375		10
123	Improved measurements of the neutral current from hadron and lepton production at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 61, 19-34		36
122	Measurement of the B ⁰ and B ⁺ lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 247-261	4.2	23
121	A measurement of the average lifetime of b-flavoured baryons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 316, 435-447	4.2	10
120	A study of the electric charge distributions of quark and gluon jets in hadronic Z ⁰ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 302, 523-532	4.2	3
119	Search for anomalous production of high mass photon pairs in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 391-407	4.2	29

118	Measurement of the B^0 lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 312, 501-510	4.2	14
117	A measurement of $(892)\pi$ production in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 305, 407-414	4.2	25
116	Evidence for chain-like production of strange baryon pairs in jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 305, 415-427	4.2	38
115	Search for massive, unstable photinos that violate R parity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 333-340	4.2	10
114	A study of $K^0\bar{K}^0$ Bose-Einstein correlations in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 456-468	4.2	17
113	Measurements of $(B^0 - \bar{B}^0)$ mixing, $\left(\frac{\Gamma(Z^0 \rightarrow b\bar{b})}{\Gamma(Z^0 \rightarrow \text{hadrons})}\right)$ and semileptonic branching ratios for b -flavoured hadrons in hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 189-214		57
112	Measurement of the average b hadron lifetime in Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 217-228		18
111	Measurement of $(\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons}))$ using leptons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 58, 523-539		37
110	A determination of $s((M_{Z^0}))$ at LEP using resummed QCD calculations. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 59, 1-19		59
109	A study of differences between quark and gluon jets using vertex tagging of quark jets. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 58, 387-403		68
108	Studies of strong and electroweak interactions using final state photon emission in hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 58, 405-418		12
107	A measurement of $(\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons}))$ using an impact parameter technique. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 579-592		9
106	A study of muon pair production and evidence for tau pair production in photon-photon collisions at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 593-600		11
105	A measurement of the forward-backward asymmetry of $(e^+ + e^- \rightarrow c\bar{c})$ and $(e^+ + e^- \rightarrow b\bar{b})$ at centre of mass energies on and near the Z^0 peak using D^* mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 601-612		17
104	A test of the flavour independence of the strong interaction for five flavours. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 397-420		13
103	QCD coherence studies using two particle azimuthal correlations. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 58, 207-217		6
102	Precision measurements of the neutral current from hadron and lepton production at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 58, 219-237		15
101	Measurement of the τ lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 59, 183-194		16

100	The forward-backward asymmetry of($e^+ + e^-$ to $b\bar{b}$ and $e^+ + e^-$ to $c\bar{c}$) using leptons in hadronicZ 0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 19-35		13
99	Properties of multihadronic events with a final state photon at($\sqrt{s} = M_{Z^0}$). <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 54, 193-209		18
98	The detector simulation program for the OPAL experiment at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 317, 47-74	1.2	252
97	A measurement of strange baryon production in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 291, 503-518	4.2	45
96	A measurement of the forward-backward charge asymmetry in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 436-450	4.2	21
95	A search for doubly charged Higgs production in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 347-356	4.2	22
94	Inclusive neutral vector meson production in hadronicZ 0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 56, 521-535		37
93	A measurement of electron production in hadronicZ 0 decays and a determination of($\Gamma(Z^0$ to $b\bar{b}$)). <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 55, 191-207		17
92	A global determination of($\alpha_s(M_{Z^0})$) at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 55, 1-24		57
91	A study of charged particle multiplicities in hadronic decays of theZ 0. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 539-554		78
90	Measurement of B_0^0 mixing in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 276, 379-392	4.2	18
89	Search for free gluons in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 278, 485-494	4.2	3
88	A test of higher order electroweak theory in Z0 decays to two leptons with an associated pair of charged particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 287, 389-400	4.2	7
87	A study of two-particle momentum correlations in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 287, 401-412	4.2	19
86	Evidence for b-flavoured baryon production in Z0 decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 281, 394-404	4.2	42
85	Test of CP-invariance in $e^+e^- \rightarrow Z^0 \rightarrow \mu^+\mu^-$ and a limit on the weak dipole moment of the μ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 281, 405-415	4.2	47
84	An improved measurement of $\Gamma_S(M_{Z^0})$ using energy correlations with the OPAL detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 276, 547-564	4.2	24
83	Measurement of the average B hadron lifetime in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 274, 513-525	4.2	12

82	Evidence for the existence of the strange b-flavoured meson B_s^0 in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 357-370	4.2	37
81	A study of the recombination scheme dependence of jet production rates and of $\theta_s ((M_{Z^0}))$ in hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 49, 375-384		65
80	A direct measurement of the Z^0 invisible width by single photon counting. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 50, 373-384		17
79	Measurement of the Z^0 line shape parameters and the electroweak couplings of charged leptons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 52, 175-207		31
78	Measurement of three-jet distributions sensitive to the gluon spin in e^+e^- annihilations at $(\sqrt{s} = 91)$ GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 52, 543-550		3
77	Measurement and analysis of the reaction $\bar{p}p \rightarrow 3\pi$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 51, 531-540		4
76	Searches for neutral Higgs bosons in e^+e^- collisions at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 49, 1-15		26
75	A comparison of measured jet cross sections with QCD calculations for e^+e^- annihilation. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 49, 29-41		4
74	A study of angular correlations in 4-jet final states of hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 49, 49-57		20
73	A model independent observation of the string effect using quark tagging at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 261, 334-346	4.2	41
72	A study of K_S^0 production in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 264, 467-475	4.2	43
71	A search for lepton flavour violation in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 254, 293-302	4.2	16
70	A study of Bose-Einstein correlations in e^+e^- annihilations at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 267, 143-153	4.2	54
69	A study of heavy flavour production using muons in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 263, 311-324	4.2	50
68	A measurement of the electroweak couplings of up and down type quarks using final state photons in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 264, 219-232	4.2	27
67	Measurement of branching ratios and polarization from $\bar{p}p \rightarrow e^+e^-$ and $\bar{p}p \rightarrow (K)\bar{K}$ decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 266, 201-217	4.2	69
66	Decay mode independent search for a light Higgs boson and new scalars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 268, 122-136	4.2	33
65	Observation of J/ψ production in multihadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 266, 485-496	4.2	18

64	A study of in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 262, 341-350	4.2	30
63	Intermittency in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 262, 351-361	4.2	32
62	A measurement of photon radiation in lepton pair events from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 273, 338-354	4.2	20
61	Measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 273, 355-366	4.2	21
60	A search for scalar leptoquarks in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 263, 123-134	4.2	45
59	Search for the minimal standard model Higgs boson in e+e ⁻ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 253, 511-523	4.2	92
58	Measurement of the cross sections of the reactions e+e ⁻ → $\tau^+\tau^-$ and e+e ⁻ → $\tau^+\tau^-$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 531-540	4.2	58
57	A study of photon production in hadronic events from e ⁺ e ⁻ annihilation. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990 , 46, 1-7		18
56	A measurement of global event shape distributions in the hadronic decays of the Z0. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990 , 47, 505-521		146
55	Final results on muon and tau pair production by the JADE Collaboration at PETRA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990 , 46, 547-553		6
54	Measurement of resonance production in the reactions $e^+e^- \rightarrow \tau^+\tau^-$ and $e^+e^- \rightarrow \tau^+\tau^-$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990 , 47, 343-351		54
53	Measurement of two photon production of $\tau^+\tau^-$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990 , 48, 393-400		3
52	A measurement of the average lifetime of B-hadrons produced by e ⁺ e ⁻ collision at (\sqrt{s} rightangle = 36.3 GeV). <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990 , 48, 401-409		10
51	A direct search for neutralino production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 248, 211-219	4.2	28
50	Limits on a light Higgs boson in e+e ⁻ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 251, 211-222	4.2	24
49	Search for excited leptons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 135-142	4.2	24
48	A direct search for new charged heavy leptons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 240, 250-260	4.2	30
47	A search for acoplanar pairs of leptons or jets in Z0 decays. Mass limits on supersymmetric particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 240, 261-270	4.2	76

46	Mass limits for a standard model Higgs Boson in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 224-232	4.2	72
45	Search for pair produced stable singly charged heavy particles in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 290-300	4.2	15
44	Limits on neutral heavy lepton production from Z^0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 448-457	4.2	41
43	Analysis of Z^0 couplings to charged leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 458-472	4.2	25
42	A search for the top and $b^?$ quarks in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 364-374	4.2	49
41	A measurement of energy correlations and a determination of $\Gamma_s(M_{Z^0})$ e^+e^- annihilations at $\sqrt{s}=91$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 159-169	4.2	38
40	A combined analysis of the hadronic and leptonic decays of the Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 240, 497-512	4.2	70
39	Evidence for final state photons in multihadronic decays of the Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 246, 285-296	4.2	40
38	A search for technipions and charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 242, 299-308	4.2	49
37	A study of the reaction $e^+e^- \rightarrow \tau^+\tau^-$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 133-140	4.2	17
36	A study of coherence of soft gluons in hadron jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 617-628	4.2	108
35	Measurements of the decay of the Z^0 into lepton pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 235, 379-388	4.2	38
34	A study of jet production rates and a test of QCD on the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 235, 389-398	4.2	88
33	Observation of spin 1 resonance formation in the final state $K\bar{K}^*$ produced in tagged two-photon collisions. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989 , 42, 355-360		16
32	A measurement of the charmed quark asymmetry in e^+e^- annihilation. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989 , 44, 567-571		8
31	A measurement of the charge asymmetry of hadronic events in electron positron annihilation. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989 , 42, 1-6		8
30	A measurement of the τ lepton lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989 , 42, 7-15		10
29	Measurement of the Z^0 mass and width with the opal detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 231, 530-538	4.2	204

28	Comparison of the particle flow in $(q\bar{q} \rightarrow \gamma\gamma)$ and $(q\bar{q} \rightarrow qg)$ events from e^+e^- annihilations at PETRA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988 , 39, 1-6		8
27	Experimental investigation of the energy dependence of the strong coupling strength. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 213, 235-241	4.2	265
26	Limits on the Flux of Supermassive Relics. <i>Europhysics Letters</i> , 1987 , 3, 39-44	1.6	2
25	Observation of charmed mesons in photon-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 184, 288-292	4.2	33
24	Search for supermassive relics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 183, 395-399	4.2	12
23	Determination of semi-muonic branching ratios and fragmentation functions of heavy quarks in e^+e^- annihilation at $\sqrt{s}=34.6$ GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1987 , 33, 339-349		25
22	A new scanning system for large area track-etch detectors. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1986 , 18, 307-310	1.2	3
21	Exclusive production of proton-antiproton pairs in photon-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 174, 350-356	4.2	13
20	Measurement of the branching fractions for $B \rightarrow e^+e^- \mu^+\mu^-$ and $B \rightarrow \mu^+\mu^- \mu^+\mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 182, 216-220	4.2	6
19	Experimental studies on multijet production in e^+e^- annihilation at PETRA energies. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986 , 33, 23-31		331
18	Tests of the standard model in leptonic reactions at PETRA energies. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986 , 30, 371-380		21
17	Lepton pair production in double tagged two-photon interactions. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986 , 30, 545-549		12
16	Determination of the B lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986 , 31, 349-358		14
15	Radiative Υ pair production and search for new particles decaying into Υ . <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986 , 31, 359-365		14
14	A study of photon production in hadronic e^+e^- annihilation. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1985 , 28, 343-356		29
13	A search for the supersymmetric chargino in e^+e^- annihilation at PETRA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1985 , 29, 505-512		22
12	A measurement of the Υ radiative width Γ_{rad} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 160, 421-429	4.2	19
11	A measurement of the mean semi-muonic branching ratio of B hadrons produced at PETRA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 163, 277-281	4.2	6

10	Tau-lepton production and decay at Petra energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 161, 188-196	4.2	24
9	Inclusive neutral D* production and limits on F* production in e+e- annihilations at petra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 161, 197-202	4.2	20
8	Comparison of three-jet events with QCD shower models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 157, 340-344	4.2	25
7	A measurement of the Γ radiative width Γ_{γ} <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 158, 511-518	4.2	7
6	A measurement of the total cross section and a study of inclusive muon production for the process e+e- \rightarrow hadrons in the energy range between 39.79 GeV and 46.78 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 160, 337-342	4.2	37
5	Search for massive magnetic monopoles using plastic track detectors characteristics of CR-39 plastic for detecting monopoles. <i>International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements</i> , 1984 , 8, 609-615		4
4	An underground search for fractionally charged penetrating particles. <i>Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica</i> , 1984 , 41, 604-608		6
3	An underground search for anomalous slow penetrating particles. <i>Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica</i> , 1984 , 41, 315-319		5
2	An underground search for anomalous penetrating particles such as massive magnetic monopoles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 128, 327-332	4.2	23
1	Search for Slow Monopoles and Quarks. <i>Journal of the Physical Society of Japan</i> , 1982 , 51, 3067-3068	1.5	8