

Abner Soffer

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.

760

papers

27,534

citations

71

h-index

126

g-index

794

ext. papers

33,116

ext. citations

5.1

avg, IF

4.17

L-index

#	Paper	IF	Citations
760	Performance of the ATLAS Level-1 topological trigger in Run2. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
759	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
758	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 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
757	Combined analysis of Belle and Belle II data to determine the CKM angle γ using $B^+ \rightarrow D\{K\}_S^0 \{h+h\}$ decays. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
756	Search for Darkonium in e^+e^- Collisions.. <i>Physical Review Letters</i> , 2022 , 128, 021802	7.4	
755	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
754	AtlFast3: The Next Generation of Fast Simulation in ATLAS. <i>Computing and Software for Big Science</i> , 2022 , 6, 1	6	0
753	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
752	The ATLAS inner detector trigger performance in pp collisions at 13 TeV during LHC Run 2. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	
751	Search for Lepton Flavor Violation in $\tau(3S) \rightarrow e^+ \mu^- \nu$.. <i>Physical Review Letters</i> , 2022 , 128, 091804	7.4	
750	B-flavor tagging at Belle II. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
749	Search for an Axionlike Particle in B Meson Decays.. <i>Physical Review Letters</i> , 2022 , 128, 131802	7.4	0
748	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	1
747	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using ($\sqrt{s} = 13$ TeV) proton-proton collision data. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
746	Probing charged lepton flavor violation with axion-like particles at Belle II. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
745	Measurement of the $t(\bar{t})t(\bar{t})$ production cross section 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
744	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2

743	Search for type-III seesaw heavy leptons in dilepton 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
742	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	5
741	Averages of b-hadron, c-hadron, and (τ)-lepton properties as of 2018. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	68
740	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
739	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
738	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
737	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	5
736	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
735	Search for heavy resonances decaying into a pair of Z bosons in the ($\ell^+ \ell^- \ell'^+ \ell'^-$) and ($\ell^+ \ell^- \nu \bar{\nu}$) final states using 139 fb 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
734	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
733	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the ($\ell \ell \bar{b} b$) and ($\ell \ell W W$) final states in pp collisions at ($\sqrt{s} = 13$) TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
732	Probing the $\Delta C = 0$ rule in three body charm decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
731	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
730	Measurements of $W+W$ 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
729	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
728	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at ($\sqrt{s} = 13$ TeV). <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
727	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
726	Search for supersymmetry in events with four or more charged leptons in 139 fb of ($\sqrt{s} = 13$ TeV) pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2

725	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W and Z boson production in association with jets. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
724	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
723	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
722	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
721	Measurement of hadronic event shapes in high- p_T 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
720	Long-lived light neutralinos at Belle II. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
719	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
718	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
717	Measurements of WH and ZH production in the $(H \rightarrow b\bar{b})$ decay channel in pp collisions at $(13, \text{TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
716	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
715	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
714	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
713	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
712	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
711	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
710	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
709	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
708	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

707	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
706	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
705	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
704	Configuration and performance of the ATLAS b-jet triggers in Run 2. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
703	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
702	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
701	Precision Measurement of the Ratio $B(\tau \rightarrow 3S) \rightarrow \tau^+ \tau^-) / B(\tau \rightarrow 3S) \rightarrow \tau^+ \tau^-)$. <i>Physical Review Letters</i> , 2020 , 125, 241801	7.4	0
700	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
699	Search for a Dark Leptophilic Scalar in e^+e^- Collisions. <i>Physical Review Letters</i> , 2020 , 125, 181801	7.4	4
698	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
697	Measurements of the Absolute Branching Fractions of $B^{\pm} \rightarrow K^{\pm} X_{cc}$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7.4	4
696	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb of data collected with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
695	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
694	Measurement of the integrated luminosity of the Phase 2 data of the Belle II experiment. <i>Chinese Physics C</i> , 2020 , 44, 021001	2.2	8
693	The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	58
692	Search for Rare or Forbidden Decays of the D^0 Meson. <i>Physical Review Letters</i> , 2020 , 124, 071802	7.4	2
691	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
690	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

689	Transverse momentum and process dependent azimuthal anisotropies in $(\sqrt{s}=8.16)$ TeV p+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
688	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	30
687	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $(\sqrt{s}=13)$ (text {TeV}) pp collisions using the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	50
686	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
685	Evidence for $(\bar{t}t)$ production in the multilepton final state in proton-proton collisions at $(\sqrt{s}=13)$ (text {TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
684	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
683	Search for light long-lived neutral particles produced in pp collisions at $(\sqrt{s} = 13)$ 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
682	Search for a scalar partner of the top quark in the all-hadronic $(\bar{t}t)$ 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
681	Alignment of the ATLAS Inner Detector in Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
680	Determination of jet calibration and energy resolution in proton-proton collisions at $(\sqrt{s} = 8)$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
679	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
678	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
677	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
676	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
675	Searching for a sterile neutrino that mixes predominantly with τ at B factories. <i>Physical Review D</i> , 2020 , 101,	4.9	13
674	Measurements of inclusive and differential cross-sections of combined $(\overline{t}t)\gamma$ and tW production in the $e\tau$ channel at 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
673	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
672	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

671	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
670	Fluctuations of anisotropic flow in Pb+Pb collisions at $(\sqrt{s_{NN}}) = 5.02$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	13
669	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
668	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
667	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
666	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
665	Search for the $HH \rightarrow (\overline{b}b)$ 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
664	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
663	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
662	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1112
661	Probing the Higgs-strange-quark coupling at e+e- colliders using light-jet flavor tagging. <i>Physical Review D</i> , 2020 , 101,	4.9	3
660	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
659	Measurements of top-quark pair spin correlations in the $(\mu\mu)$ 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
658	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $(\sqrt{s}=8\text{--}13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	11
657	Extraction of form Factors from a Four-Dimensional Angular Analysis of $B \rightarrow D^{(*)} \ell \ell$. <i>Physical Review Letters</i> , 2019 , 123, 091801	7.4	8
656	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
655	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
654	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

653	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
652	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
651	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
650	Collider searches for long-lived particles beyond the Standard Model. <i>Progress in Particle and Nuclear Physics</i> , 2019 , 106, 210-255	10.6	50
649	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
648	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
647	Measurements of inclusive and differential fiducial cross-sections of $(\text{t}\bar{\text{t}}\gamma)$ production in leptonic final states at $(\sqrt{s}=13\text{~text~}\{\text{TeV}\})$ in ATLAS. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
646	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
645	Observation of the Decay $D^0 \rightarrow K^+ \pi^+ e^- e^-$. <i>Physical Review Letters</i> , 2019 , 122, 081802	7.4	4
644	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
643	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
642	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
641	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
640	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
639	Measurement of the top quark mass in the $(\text{t}\bar{\text{t}} \rightarrow \text{lepton+jets})$ 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
638	Search for a Stable Six-Quark State at BABAR. <i>Physical Review Letters</i> , 2019 , 122, 072002	7.4	7
637	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
636	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

635	Search for long-lived neutral particles in pp collisions at ($\sqrt{s} = 13 \text{ TeV}$) that decay into displaced hadronic jets in the ATLAS calorimeter. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	18
634	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at ($\sqrt{s} = 13 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
633	Search for large missing transverse momentum in association with one top-quark 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	7
632	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
631	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
630	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
629	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
628	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
627	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
626	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
625	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
624	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
623	Measurement of the top-quark mass in (t) + 1-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
622	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
621	Measurement of ZZ production in the $\mu\mu$ 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
620	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
619	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
618	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

617	Measurement of ($W^{\pm} \mu \nu$) 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
616	ATLAS b-jet identification performance and efficiency measurement with ($t\bar{t}$) events in pp collisions at ($\sqrt{s}=13$) TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	43
615	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
614	Measurements of top-quark pair differential and double-differential cross-sections in the ($\ell\ell$)+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
613	The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2019 , 2019,	5.4	163
612	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
611	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
610	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
609	Measurement of the W -boson mass in pp collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 110	4.2	59
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607	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
606	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
605	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
604	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
603	Search for heavy resonances in the WZ and $W\gamma$ 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
602	A search for pair-produced resonances in four-jet final states at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 250	4.2	28
601	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
600	Search for heavy resonances decaying into WZ in the final state in collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 24	4.2	47

599	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
598	Search for W W/W Z resonance production in $\bar{b}q$ 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
597	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
596	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
595	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
594	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
593	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
592	Searches for heavy ZZ and ZW resonances in the $\bar{b}q$ and $\bar{b}q$ 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
591	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
590	Measuring CP violation in $b \rightarrow c\bar{c}\ell$ using excited charm mesons. <i>Physical Review D</i> , 2018 , 98,	4.9	4
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588	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
587	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
586	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
585	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
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583	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
582	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

581	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
580	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
579	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
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577	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
576	Search for Higgs boson pair production in the ($\mu^+ \mu^- \gamma \gamma$) 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
575	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
574	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
573	Search for the decay mode $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	1
572	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
571	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
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569	Operation and performance of the ATLAS Tile Calorimeter in Run 1. <i>European Physical Journal C</i> , 2018 , 78, 987	4.2	13
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567	Measurement of the spectral function for the $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ decay. <i>Physical Review D</i> , 2018 , 98,	4.9	12
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564	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

563	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
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561	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
560	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
559	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
558	Measurements of b-jet tagging efficiency with the ATLAS detector using (\overline{t}) events at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	31
557	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
556	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
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554	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\mu\mu$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 625	4-2	15
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548	Measurement of the boson polarisation in $\mu\mu$ 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
547	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
546	Measurements of top-quark pair differential cross-sections in the $\mu\mu$ channel in collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 292	4-2	13

545	Performance of algorithms that reconstruct missing transverse momentum in [Formula: see text]=8 TeV proton-proton collisions in the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 241	4.2	38
544	Search for $B^+ \rightarrow K^+ \mu^+ \mu^-$ at the BaBar Experiment. <i>Physical Review Letters</i> , 2017 , 118, 031802	7.4	24
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541	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
540	Fiducial, total and differential cross-section measurements of γ -channel single top-quark production in collisions at 8 TeV using data collected by the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 531	4.2	27
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537	Jet reconstruction and performance using particle flow with the ATLAS Detector. <i>European Physical Journal C</i> , 2017 , 77, 466	4.2	42
536	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
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534	Measurement of lepton differential distributions and the top quark mass in production in collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 804	4.2	11
533	Measurement of the inclusive electron spectrum from B meson decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2017 , 95,	4.9	9
532	Measurement of the ($\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
531	Measurement of the $D^{*+}(2010) \rightarrow D^+ \pi^0$ Mass Difference. <i>Physical Review Letters</i> , 2017 , 119, 202003	7.4	1
530	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
529	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
528	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in [Formula: see text] [Formula: see text] [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 144	4.2	8

527	Measurement of the ZZ production cross section in proton-proton collisions at ($\sqrt{s}=8$) TeV using the ZZ $\rightarrow \mu\mu^+$ 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
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523	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
522	Performance of the ATLAS trigger system in 2015. <i>European Physical Journal C</i> , 2017 , 77, 317	4.2	272
521	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
520	Measurements of the production cross section of a [Formula: see text] boson in association with jets in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 361	4.2	26
519	Precision measurement and interpretation of inclusive τ and production cross sections with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 367	4.2	56
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517	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
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515	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
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512	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
511	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
510	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

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503	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
502	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
501	Study of $t\bar{t}$ production in collisions at $\sqrt{s}=8$ TeV and search for anomalous quartic gauge couplings with the ATLAS experiment. <i>European Physical Journal C</i> , 2017 , 77, 646	4-2	11
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499	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
498	Top-quark mass measurement in the all-hadronic ($t\bar{t}$) decay channel at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	6
497	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
496	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
495	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
494	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
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492	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

491	Evidence for the $(H \rightarrow b\bar{b})$ decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	50
490	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
489	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
488	Time-dependent analysis of $B^0 \rightarrow K_S^0 \mu^+ \mu^-$ decays and studies of the $K^+ \mu^-$ system in $B^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	10
487	Measurement of angular asymmetries in the decays $B \rightarrow K^* \mu^+ \mu^-$ <i>Physical Review D</i> , 2016 , 93,	4.9	20
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485	Observation of $B \rightarrow D^{(*)} \mu^+ \mu^- \mu^+ \mu^-$ Decays in $e^+ e^-$ Collisions at the $(4S)$ Resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7.4	8
484	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 295	4.2	28
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482	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
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480	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
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474	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

473	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
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471	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
470	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
469	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
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467	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
466	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
465	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
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460	A search for prompt lepton-jets in pp collisions at $(\sqrt{\text{mathrm{s}}}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	22
459	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
458	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 199	4.2	39
457	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
456	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

455	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
454	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 154	4-2	44
453	Search for new phenomena in events with at least three photons collected in collisions at [Formula: see text] = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 210	4-2	53
452	Probing lepton flavour violation via neutrinoless [Formula: see text] decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 232	4-2	12
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449	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
448	Search for anomalous couplings in the W tb 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
447	Searches for scalar leptoquarks in collisions at [Formula: see text] = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 5	4-2	68
446	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
445	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
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443	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
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436	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
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429	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
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426	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
425	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
424	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
423	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
422	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
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420	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

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417	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
416	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
415	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
414	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
413	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
412	Measurements of the [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
411	Search for dark matter in events with heavy quarks and missing transverse momentum in [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 92	4.2	60
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408	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
407	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
406	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
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404	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
403	Search for production of [Formula: see text] resonances decaying to a lepton, neutrino and jets in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 209	4.2	73
402	Performance of the ATLAS muon trigger in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2015 , 75, 120	4.2	51

401	Search for Higgs boson pair production in the $[Formula: see text]$ final state from collisions at $[Formula: see text]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 412	4.2	66
400	Determination of spin and parity of the Higgs boson in the $[Formula: see text]$ decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 231	4.2	15
399	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in collisions at $[Formula: see text]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 299	4.2	202
398	Search for a new resonance decaying to a or boson and a Higgs boson in the $[Formula: see text]$ final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 263	4.2	46
397	Measurement of three-jet production cross-sections in $[Formula: see text]$ collisions at $7[Formula: see text]$ centre-of-mass energy using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 228	4.2	18
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395	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in collisions at $[Formula: see text]$ $[Formula: see text]$. <i>European Physical Journal C</i> , 2015 , 75, 303	4.2	49
394	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
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390	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
389	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
388	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
387	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
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385	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
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382	A search for (\overline{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
381	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
380	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
379	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
378	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
377	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
376	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
375	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
374	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
373	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
372	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
371	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
370	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
369	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
368	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
367	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
366	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

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364	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
363	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
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361	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
360	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
359	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
358	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
357	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
356	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
355	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
354	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
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352	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
351	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
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349	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
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345	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
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339	Measurement of τ_1 and τ_2 production with $(\sqrt{s}) = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
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337	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
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310	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
309	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
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304	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
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301	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
300	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
299	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
298	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
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284	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
283	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
282	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
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280	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
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278	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
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276	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

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267	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
266	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
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260	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
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257	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
256	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
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251	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $(\sqrt{\mathbf{s}}=7\text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	18
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242	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
241	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
240	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

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223	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow Xc\ell$ <i>Physical Review D</i> , 2010 , 81,	4.9	22
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218	Measurements of the semileptonic decays $B \rightarrow D^* \ell^+ \ell^-$ and $B \rightarrow D^* \ell^+ \nu$ using a global fit to $D^* \ell^+ \ell^-$ final states. <i>Physical Review D</i> , 2009 , 79,	4-9	43
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213	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K^{(*)} \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2009 , 102, 091803	7-4	58
212	Dalitz plot analysis of $B \rightarrow \pi \pi \pi$ decays. <i>Physical Review D</i> , 2009 , 79,	4-9	42
211	Measurement of D^0 - \overline{D}^0 mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K^+ \pi^- \pi^0$ decays. <i>Physical Review Letters</i> , 2009 , 103, 211801	7-4	34
210	Dalitz plot analysis of $B \rightarrow D^+ \pi^-$ <i>Physical Review D</i> , 2009 , 79,	4-9	41
209	Observation of B meson decays to K^* and improved measurements for $\ell^+ \ell^-$ and $\ell \nu$. <i>Physical Review D</i> , 2009 , 79,	4-9	14
208	Branching fractions and CP-violating asymmetries in radiative B decays to $K \pi$ <i>Physical Review D</i> , 2009 , 79,	4-9	5
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203	Search for Lepton Flavor Violating Decays $B \rightarrow l\bar{l}s0$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9
202	Evidence for $B \rightarrow K^*0K^*$. <i>Physical Review D</i> , 2009 , 79,	4.9	5
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200	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
199	Search for the rare leptonic decays $B \rightarrow l^+l^-$ ($l=e,\mu$) <i>Physical Review D</i> , 2009 , 79,	4.9	14
198	An estimate of the branching fraction of $B \rightarrow \eta$ <i>Physical Review D</i> , 2009 , 80,	4.9	18
197	Measurement of time-dependent CP asymmetry in $B0 \rightarrow cc\bar{K}^*0$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
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195	Measurement of the branching fractions of the rare decays $B0 \rightarrow Ds^*+ \pi^- B0 \rightarrow Ds^*+ \pi^0$ and $B0 \rightarrow Ds^*0 \bar{K}^*+$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
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193	Time-dependent Dalitz plot analysis of $B0 \rightarrow D^*K0\eta$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	7
192	Dalitz plot analysis of the decay $B0(B^0) \rightarrow K\eta\eta$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
191	Observation of $B0 \rightarrow \eta K^*0$ and evidence for $B \rightarrow \eta K^*$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
190	Isospin analysis of $D0$ decay to three pions. <i>Physical Review D</i> , 2008 , 78,	4.9	19
189	Measurement of time-dependent CP asymmetry in $B0 \rightarrow KS0\eta$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
188	Search for the rare charmless hadronic decay $B \rightarrow a0\pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	5
187	Study of $B \rightarrow X(3872)K$, with $X(3872) \rightarrow J/\psi\pi\pi$ <i>Physical Review D</i> , 2008 , 77,	4.9	75
186	Estimate of the branching fraction $B \rightarrow \pi$ the $a0(\eta80)$, and nonstandard weak interactions. <i>Physical Review D</i> , 2008 , 78,	4.9	19

185	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
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182	Measurement of the $B \rightarrow X_s \gamma$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , 2008 , 77,	4.9	55
181	Study of resonances in exclusive B decays to $D^0(*) D^0(*) K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
180	Time-dependent and time-integrated angular analysis of $B \rightarrow \bar{K}^0 S^0$ and $\bar{K}^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
179	Searches for the decays $B^0 \rightarrow \ell \pi^0$ and $B^+ \rightarrow \ell^+ \pi^0$ using hadronic tag reconstruction. <i>Physical Review D</i> , 2008 , 77,	4.9	20
178	Measurements of branching fractions for $B^+ \rightarrow \pi^+ B^0 \rightarrow \pi^0$ and $B^0 \rightarrow \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
177	Search for $B^0 \rightarrow K^+ K^* \pi^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
176	Observation of $B^+ \rightarrow b^1 K^0$ and search for B-meson decays to $b^1 0 K^0$ and $b^1 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
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169	Search for the highly suppressed decays $B^0 \rightarrow K^+ \pi^-$ and $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	12
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166	Measurement of the decay $B^0 \rightarrow D^{*0} e^+ \nu_e$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15
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164	Study of excited charm-strange baryons with evidence for new baryons $\Xi(3055)^+$ and $\Xi(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
163	Measurement of the absolute branching fraction of $D^0 \rightarrow K \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 051802	7.4	8
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161	Observation of $B^+ \rightarrow a_1^+(1260) K^0$ and $B^0 \rightarrow a_1^-(1260) K^+$. <i>Physical Review Letters</i> , 2008 , 100, 051803	7.4	15
160	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , 2008 , 100,	7.4	2
159	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\text{flavor}} \rightarrow D^* K_{\text{flavor}}$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	7
158	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
157	Measurement of the branching fractions of exclusive $B \rightarrow D^{(*)}(\pi) l \nu_l$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 100, 151802	7.4	20
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154	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K^1_{+/-}$ and $B^{+/-} \rightarrow \phi K^2_{*+/-}$. <i>Physical Review Letters</i> , 2008 , 101, 161801	7.4	21
153	Searches for B meson decays to $\phi\pi^0$, $\phi\rho^0$, $\phi f_0(980)$, and $f_0(980)f_0(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8
152	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
151	Observation of $B_{\text{flavor}} \rightarrow K_{\text{flavor}} K^0$ and Search for $B_{\text{flavor}} \rightarrow K_{\text{flavor}} K^0 K^0$. <i>Physical Review Letters</i> , 2008 , 100, 081801	7.4	21
150	Measurements of $B \rightarrow \{\pi, \eta, \eta', \dots\} \nu_l$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22

149	Measurement of the branching fractions of $B \rightarrow D^{**}(\ell) \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 101, 261802	7.4	28
148	Search for lepton flavor violating decays $\tau_{+/-} \rightarrow l_{+/-} \omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15
147	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
146	Measurement of decay amplitudes of $B \rightarrow J/\psi^*, (\psi(2S))K^*$, and $B^1 K^*$ with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	33
145	Observation of $B^+ \rightarrow \mu^0 K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4.9	7
144	Study of $B^0 \rightarrow \mu^0 \mu^0$, $B^{\pm} \rightarrow \mu^0 \mu^0$, and $B^{\pm} \rightarrow K^0 \mu^0$ decays, and isospin analysis of $B \rightarrow \mu^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
143	Measurement of the $B \rightarrow K^0 \mu^0$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
142	Search for the decay $B^+ \rightarrow K^0(892)K^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	9
141	Search for neutral B-meson decays to $a_0 \mu^0 K^0$, μ^0 , and μ^0 . <i>Physical Review D</i> , 2007 , 75,	4.9	10
140	Measurement of CP asymmetry in $B^0 \rightarrow K_S^0 \mu^0 \mu^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10
139	Search for $D^0 D^0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , 2007 , 76,	4.9	28
138	Measurements of the branching fractions of $B^0 \rightarrow K^0 K^+ K^-$, $B^0 \rightarrow K^0 \mu^+ K^-$, $B^0 \rightarrow K^0 K^+ \mu^-$ and $B^0 \rightarrow K^0 \mu^+ \mu^-$. <i>Physical Review D</i> , 2007 , 76,	4.9	11
137	Search for $B^0 \rightarrow \mu^0(K^+ \mu^-)$ decays with large $K^+ \mu^-$ invariant mass. <i>Physical Review D</i> , 2007 , 76,	4.9	13
136	Measurement of the $B^{\pm} \rightarrow \mu^0 \mu^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
135	Branching fraction measurement of $B^0 \rightarrow D^{(*)} \mu^0$ and $B^{\pm} \rightarrow D^{(*)} \mu^0$ and isospin analysis of $B^{\pm} \rightarrow D^{(*)} \mu^0$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
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133	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11
132	Measurement of B decays to $\mu^0 K^0$. <i>Physical Review D</i> , 2007 , 75,	4.9	7

131	Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to \bar{K}^0 , \bar{K}^* , \bar{K}^0 , \bar{K}^* , and \bar{K}^0 . <i>Physical Review D</i> , 2007 , 76,	4.9	14
130	Study of $B^0 \rightarrow \pi^0 \pi^0$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2007 , 76,	4.9	46
129	Amplitude analysis of the $B^+ \rightarrow \phi K^*(892)^+ / -$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
128	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
127	Measurements of CP-violating asymmetries in the decay $B^0 \rightarrow K^+ K^- K^0$. <i>Physical Review Letters</i> , 2007 , 99, 161802	7.4	32
126	Evidence for charged B meson decays to $a_1^{+/-}(1260)\pi^0$ and $a_1(0)(1260)\pi^{+/-}$. <i>Physical Review Letters</i> , 2007 , 99, 261801	7.4	12
125	Measurement of CP-violating asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
124	Observation of a Charmed Baryon Decaying to $D_s^0 p$ at a Mass Near $2.94 \text{ GeV}/c^2$. <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
123	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi^0$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
122	Search for lepton flavor violating decays $\tau^{+/-} \rightarrow l^{+/-} \pi^0$, $l^{+/-} \eta$, $l^{+/-} \eta'$. <i>Physical Review Letters</i> , 2007 , 98, 061803	7.4	33
121	Search for the rare decay $B \rightarrow \pi l^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 051801	7.4	17
120	Measurement of $\cos 2\beta$ in $B_s^0 \rightarrow D_s^{(*)} h_s^0$ decays with a time-dependent Dalitz plot analysis of $D \rightarrow K_{s1}^0 \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2007 , 99, 231802	7.4	17
119	Measurement of CP violation parameters with a Dalitz plot analysis of $B^{+/-} \rightarrow D^0 \pi^+ \pi^- K^{+/-}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	31
118	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
117	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^{*+/-} D^{+/-}$. <i>Physical Review Letters</i> , 2007 , 99, 071801	7.4	19
116	Measurements of CP-violating asymmetries in $B^0 \rightarrow a_1^{+/-}(1260)\pi^{+/-}$ decays. <i>Physical Review Letters</i> , 2007 , 98, 181803	7.4	25
115	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$. <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
114	Evidence for the $B^0 \rightarrow \rho^0 \rho^0$ and $B^+ \rightarrow \rho^+ K^+$ decays and study of the decay dynamics of B meson decays into $\rho \rho$ final states. <i>Physical Review D</i> , 2007 , 76,	4.9	28

113	Measurement of the hadronic form factor in $D^0 \rightarrow K^0 \pi^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
112	Measurement of branching fractions and resonance contributions for $B^0 \rightarrow D^0 K^+ \pi^-$ and search for $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 011803	7.4	13
111	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$. <i>Physical Review Letters</i> , 2006 , 97, 171805	7.4	52
110	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. <i>Physical Review D</i> , 2006 , 73,	4.9	40
109	Measurements of the absolute branching fractions of $B^{+/-} \rightarrow K^{+/-} X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
108	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a K^* meson. <i>Physical Review Letters</i> , 2006 , 97, 201802	7.4	18
107	Measurement of the B^0 lifetime and the B^0 oscillation frequency using partially reconstructed $B^0 \rightarrow D^{*+} \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
106	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho^0 K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , 2006 , 97, 201801	7.4	41
105	Observation of Upsilon(4S) decays to $\pi^+ \pi^-$ Upsilon(1S) and $\pi^+ \pi^-$ Upsilon(2S). <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39
104	Observation of an excited charm baryon Omega c^* decaying to Omega c^0 gamma. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
103	Dalitz plot analysis of the decay $B^0 \rightarrow K^0 K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
102	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$. <i>Physical Review D</i> , 2006 , 73,	4.9	119
101	Measurement of the absolute branching fractions $B \rightarrow D^0 D^{*+} \pi^-$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
100	Measurement of the branching fraction and photon energy moments of $B \rightarrow X_s \gamma$ and $A(\text{CP})(B \rightarrow X(s+d) \gamma)$. <i>Physical Review Letters</i> , 2006 , 97, 171803	7.4	52
99	Observation of a new Ds meson decaying to DK at a mass of 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117
98	Search for the rare decay $B^0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
97	Observation of B^0 meson decay to a $1^+/(1260) \pi^+ / \pi^-$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
96	Search for T, CP, and CPT violation in B^0 - B^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2006 , 96, 251802	7.4	65

95	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)}D^{(*)}$, and implications for the Cabibbo-Kobayashi-Maskawa angle α <i>Physical Review D</i> , 2006 , 73,	4.9	20
94	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$ <i>Physical Review D</i> , 2006 , 74,	4.9	12
93	Search for the decay $B^0 \rightarrow K_S^0 K_S^0 K_L^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
92	Measurement of the $B^0 \rightarrow D^0 K^{*0}$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
91	Branching fraction measurements of charged B decays to $K^{*+} K^+ K^0$, $K^{*+} K^+ K^0$, $K^{*+} K^+ \pi^0$ and $K^{*+} \pi^+ \pi^0$ final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10
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89	Measurement of the branching fraction and time-dependent CP asymmetry in the decay $B^0 \rightarrow D^{*+} D^{*0} K_S^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
88	Search for rare quark-annihilation decays, $B^0 \rightarrow D_s^{(*)} \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
87	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $cc\bar{c}$ production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	35
86	Search for the rare decays $B^0 \rightarrow D_s^{(*)} a_0(2) \pi^0$ <i>Physical Review D</i> , 2006 , 73,	4.9	5
85	Search for the decay of a B^0 or B^0 meson to $K^{*0} K^0$ or $K^{*0} K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
84	Measurement of $B^0 \rightarrow D^{(*)} K^0 K^{*0}$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
83	Measurement of branching fractions in radiative B decays to $K^0 \pi^0$ and search for B decays to $K^0 K^0$ <i>Physical Review D</i> , 2006 , 74,	4.9	10
82	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} \pi^0$ and $B^0 \rightarrow D \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	18
81	Search for $B^+ \rightarrow \pi^+ \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14
80	Study of $B \rightarrow D^{(*)} D_s(J)^{(*)}$ decays and measurement of $D_s \pi^0$ and $D_s J(2460) \pi^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29
79	Search for B meson decays to $\pi^+ K^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
78	Search for $B^+ \rightarrow X(3872) K^+$, $X(3872) \rightarrow J/\psi \pi^0$ <i>Physical Review D</i> , 2006 , 74,	4.9	106

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