

# Llusa-Maria Mir

## 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.

728  
papers

27,629  
citations

76  
h-index

125  
g-index

746  
ext. papers

30,784  
ext. citations

5.2  
avg, IF

3.09  
L-index

#	Paper	IF	Citations
728	Performance of the ATLAS Level-1 topological trigger in Run2. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	0
727	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> , <b>2022</b> , 2022, 1	5.4	0
726	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> , <b>2022</b> , 82, 1	4.2	0
725	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 <sup>-1</sup> of pp collision data at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
724	AtlFast3: The Next Generation of Fast Simulation in ATLAS. <i>Computing and Software for Big Science</i> , <b>2022</b> , 6, 1	6	0
723	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> , <b>2022</b> , 82, 1	4.2	0
722	The ATLAS inner detector trigger performance in pp collisions at 13 TeV during LHC Run 2. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	
721	Measurement of the stray light in the Advanced Virgo input mode cleaner cavity using an instrumented baffle. <i>Classical and Quantum Gravity</i> , <b>2022</b> , 39, 115011	3.3	0
720	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> , <b>2022</b> , 82, 1	4.2	1
719	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> , <b>2021</b> , 81, 1	4.2	2
718	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> , <b>2021</b> , 2021, 1	5.4	0
717	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> , <b>2021</b> , 2021, 1	5.4	2
716	Determination of the light exposure on the photodiodes of a new instrumented baffle for the Virgo input mode cleaner end-mirror. <i>Classical and Quantum Gravity</i> , <b>2021</b> , 38, 045002	3.3	1
715	Searches for compact binary coalescence events using neural networks in the LIGO/Virgo second observation period. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	3
714	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at ( $\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	7
713	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb <sup>-1</sup> of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	5
712	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> , <b>2021</b> , 2021, 1	5.4	1

711	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> , <b>2021</b> , 2021, 1	5.4	6
710	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> , <b>2021</b> , 2021, 1	5.4	8
709	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> , <b>2021</b> , 81, 1	4.2	5
708	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	2
707	Search for heavy resonances decaying into a pair of Z bosons in the ( $e^+e^-e^+e^-$ ) and ( $e^+e^-e^+\nu_{\bar{\nu}}$ ) final states using 139 fb <sup>-1</sup> of proton-proton collisions at ( $\sqrt{s}$ = 13,)TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	8
706	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> , <b>2021</b> , 2021, 1	5.4	6
705	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the ( $e^+e^-bb$ ) and ( $e^+e^-WW$ ) final states in pp collisions at ( $\sqrt{s}$ =13) (text {TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	7
704	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> , <b>2021</b> , 2021, 1	5.4	3
703	Measurements of $W+W\gamma$ jet production cross-sections in pp collisions at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
702	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> , <b>2021</b> , 2021, 1	5.4	8
701	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> , <b>2021</b> , 81, 1	4.2	0
700	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> , <b>2021</b> , 2021, 1	5.4	6
699	Search for supersymmetry in events with four or more charged leptons in 139 fb <sup>-1</sup> of ( $\sqrt{s}$ ) = 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
698	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W\gamma$ and Z boson production in association with jets. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
697	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> , <b>2021</b> , 2021, 1	5.4	0
696	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> , <b>2021</b> , 2021, 1	5.4	1
695	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> , <b>2021</b> , 81, 1	4.2	13
694	Measurement of hadronic event shapes in high-p <sub>T</sub> multijet final states at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	3

693	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb <sup>-1</sup> of ( $\sqrt{s}$ ) = 13 TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	8
692	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> , <b>2021</b> , 81, 1	4.2	5
691	Measurements of WH and ZH production in the ( $H \rightarrow b\bar{b}$ ) decay channel in pp collisions at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	7
690	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> , <b>2021</b> , 2021, 1	5.4	5
689	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> , <b>2021</b> , 81, 1	4.2	0
688	Measurement of single top-quark production in association with a W boson in the single-lepton channel at ( $\sqrt{s}$ ) = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
687	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> , <b>2021</b> , 81, 1	4.2	11
686	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> , <b>2021</b> , 81, 1	4.2	1
685	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> , <b>2021</b> , 81, 1	4.2	4
684	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> , <b>2021</b> , 2021, 1	5.4	2
683	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> , <b>2021</b> , 81, 1	4.2	1
682	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> , <b>2021</b> , 2021, 1	5.4	0
681	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> , <b>2021</b> , 2021, 1	5.4	0
680	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> , <b>2021</b> , 2021, 1	5.4	0
679	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> , <b>2021</b> , 81, 1	4.2	1
678	Configuration and performance of the ATLAS b-jet triggers in Run 2. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
677	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> , <b>2021</b> , 2021, 1	5.4	0
676	Higgs boson production cross-section measurements and their EFT interpretation in the ( $4\ell$ ) decay channel at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	12

675	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> , <b>2020</b> , 2020, 1	5.4	8
674	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb <sup>-1</sup> of data collected with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
673	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	30
672	Search for top squarks in events with a Higgs or Z boson using 139 fb <sup>-1</sup> of pp collision data at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	1
671	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> , <b>2020</b> , 80, 1	4.2	8
670	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> , <b>2020</b> , 80, 1	4.2	4
669	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> , <b>2020</b> , 80, 1	4.2	17
668	Alignment of the ATLAS Inner Detector in Run 2. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	4
667	Determination of jet calibration and energy resolution in proton-proton collisions at $(\sqrt{s} = 8\text{-}13)$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	3
666	Search for $(\bar{t}t)$ 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> , <b>2020</b> , 2020, 1	5.4	6
665	Reconstruction and identification of boosted di-photon systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	3
664	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
663	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	9
662	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4(\ell\ell)$ decay channel at $(\sqrt{s}) = 13$ TeV. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	9
661	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> , <b>2020</b> , 80, 1	4.2	13
660	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> , <b>2020</b> , 2020, 1	5.4	5
659	Search for the $HH \rightarrow (\bar{b}b)$ 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> , <b>2020</b> , 2020, 1	5.4	5
658	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> , <b>2020</b> , 2020, 1	5.4	5

657	Measurements of top-quark pair spin correlations in the (emu) channel at ( $\sqrt{s} = 13$ ) TeV using pp collisions in the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	8
656	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> , <b>2019</b> , 79, 1	4.2	11
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> , <b>2019</b> , 79, 1	4.2	37
654	Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of ( $\sqrt{s} = 13$ ) TeV with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	15
653	Measurement of $VH, (H \rightarrow \overline{b}b)$ 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> , <b>2019</b> , 2019, 1	5.4	8
652	Performance of top-quark and ( $W$ )-boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	19
651	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P03017-P03017	1	25
650	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> , <b>2019</b> , 79, 1	4.2	26
649	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> , <b>2019</b> , 2019, 1	5.4	5
648	Search for pair production of Higgs bosons in the ( $\overline{b}b$ ) final state using proton-proton collisions at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	31
647	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> , <b>2019</b> , 2019, 1	5.4	31
646	Measurement of fiducial and differential ( $W^+W^-$ ) production cross-sections at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	16
645	Measurement of ( $W^{\pm}$ )-boson and Z-boson production cross-sections in pp collisions at ( $\sqrt{s}=2.76$ ) TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	2
644	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> , <b>2019</b> , 79, 1	4.2	4
643	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> , <b>2019</b> , 79, 1	4.2	43
642	Measurements of top-quark pair differential and double-differential cross-sections in the ( $ell$ )+jets channel with pp collisions at ( $\sqrt{s}=13$ ) TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	13
641	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb <sup>-1</sup> of pp collisions at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	81
640	Measurement of the $W$ -boson mass in pp collisions at with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 110	4.2	59

639	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> , <b>2018</b> , 78, 102	4.2	7
638	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> , <b>2018</b> , 78, 154	4.2	23
637	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at and 5.02 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 142	4.2	35
636	Measurement of quarkonium production in proton-lead and proton-proton collisions at with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 171	4.2	35
635	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> , <b>2018</b> , 78, 186	4.2	5
634	Search for heavy resonances in the and final states using proton-proton collisions at $\sqrt{s}$ with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 293	4.2	41
633	A search for pair-produced resonances in four-jet final states at with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 250	4.2	28
632	Search for heavy resonances decaying into in the final state in collisions at with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 24	4.2	47
631	Direct top-quark decay width measurement in the lepton+jets channel at with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2018</b> , 78, 129	4.2	11
630	Search for W W/W Z resonance production in $\bar{d}q$ final states in pp collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	22
629	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> , <b>2018</b> , 2018, 1	5.4	36
628	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> , <b>2018</b> , 2018, 1	5.4	12
627	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 18	4.2	32
626	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> , <b>2018</b> , 78, 199	4.2	55
625	Measurement of polarisation in decays in proton-proton collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 163	4.2	3
624	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> , <b>2018</b> , 2018, 1	5.4	7
623	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> , <b>2018</b> , 78, 1007	4.2	21
622	Measurement of colour flow using jet-pull observables in events with the ATLAS experiment at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 847	4.2	5

621	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> , <b>2018</b> , 2018, 1	5.4	21
620	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> , <b>2018</b> , 78, 997	4.2	21
619	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , <b>2018</b> , 78, 903	4.2	66
618	Operation and performance of the ATLAS Tile Calorimeter in Run 1. <i>European Physical Journal C</i> , <b>2018</b> , 78, 987	4.2	13
617	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb <sup>-1</sup> of ( $\sqrt{s}=13$ ) TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	33
616	Prompt and non-prompt and suppression at high transverse momentum in Pb+Pb collisions with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2018</b> , 78, 762	4.2	23
615	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> , <b>2018</b> , 2018, 1	5.4	31
614	Measurement of the inclusive and fiducial production cross-sections in the lepton+jets channel in collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 487	4.2	5
613	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> , <b>2018</b> , 78, 565	4.2	34
612	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> , <b>2018</b> , 2018, 1	5.4	101
611	Measurement of the [ $\sigma_{\text{see text}}$ ] and [ $\sigma_{\text{see text}}$ ] production cross sections in multilepton final states using 3.2 fb <sup>-1</sup> of [ $\sigma_{\text{see text}}$ ] collisions at [ $\sigma_{\text{see text}}$ ] = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 40	4.2	14
610	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> , <b>2017</b> , 77, 26	4.2	22
609	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> , <b>2017</b> , 2017, 1	5.4	22
608	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 [ $\sigma_{\text{see text}}$ ] TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 220	4.2	5
607	Measurement of the boson polarisation in [ $\sigma_{\text{see text}}$ ] events from collisions at [ $\sigma_{\text{see text}}$ ] = 8 TeV in the lepton+jets channel with ATLAS. <i>European Physical Journal C</i> , <b>2017</b> , 77, 264	4.2	19
606	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , <b>2017</b> , 77, 195	4.2	61
605	Measurements of top-quark pair differential cross-sections in the [ $\sigma_{\text{see text}}$ ] channel in collisions at [ $\sigma_{\text{see text}}$ ] TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 292	4.2	13
604	Performance of algorithms that reconstruct missing transverse momentum in [ $\sigma_{\text{see text}}$ ] = 8 TeV proton-proton collisions in the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 241	4.2	38



603	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> , <b>2017</b> , 77, 76	4.2	47
602	Search for triboson $tt\bar{t}$ production in collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 141	4.2	13
601	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. <i>European Physical Journal C</i> , <b>2017</b> , 77, 490	4.2	177
600	Fiducial, total and differential cross-section measurements of $t\bar{t}$ channel single top-quark production in collisions at $\sqrt{s}=13$ TeV using data collected by the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 531	4.2	27
599	Measurements of electroweak $t\bar{t}$ production and constraints on anomalous gauge couplings with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 474	4.2	14
598	Jet reconstruction and performance using particle flow with the ATLAS Detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 466	4.2	42
597	Measurement of multi-particle azimuthal correlations in pp, p $\bar{p}$ -Pb and low-multiplicity Pb-Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 428	4.2	48
596	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> , <b>2017</b> , 2017, 1	5.4	25
595	Measurement of lepton differential distributions and the top quark mass in production in collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 804	4.2	11
594	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> , <b>2017</b> , 2017, 1	5.4	7
593	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> , <b>2017</b> , 2017, 1	5.4	6
592	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. <i>European Physical Journal C</i> , <b>2017</b> , 77, 673	4.2	33
591	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $t\bar{t}$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 144	4.2	8
590	Measurement of the ZZ production cross section in proton-proton collisions at $(\sqrt{s}=8)$ TeV using the $ZZ \rightarrow \mu\mu^+\mu\mu^-$ and $(ZZt\bar{t} \rightarrow \mu\mu^+\mu\mu^-\nu\bar{\nu})$ decay channels with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	9
589	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> , <b>2017</b> , 2017, 1	5.4	11
588	Measurements of $\chi(3512)$ and $X(3872) \rightarrow J/\psi \eta'$ production in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	15
587	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> , <b>2017</b> , 2017, 1	5.4	7
586	Search for lepton-flavour-violating decays of the Higgs and bosons with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 70	4.2	52

585	Performance of the ATLAS trigger system in 2015. <i>European Physical Journal C</i> , <b>2017</b> , 77, 317	4.2	272
584	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. <i>European Physical Journal C</i> , <b>2017</b> , 77, 332	4.2	29
583	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> , <b>2017</b> , 77, 361	4.2	26
582	Precision measurement and interpretation of inclusive , and production cross sections with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 367	4.2	56
581	Measurement of jet fragmentation in Pb+Pb and collisions at TeV with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2017</b> , 77, 379	4.2	35
580	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> , <b>2017</b> , 77, 393	4.2	52
579	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> , <b>2017</b> , 2017, 1	5.4	9
578	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> , <b>2017</b> , 77, 898	4.2	19
577	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> , <b>2017</b> , 2017, 1	5.4	7
576	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in collisions at TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 765	4.2	10
575	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> , <b>2017</b> , 2017, 1	5.4	5
574	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> , <b>2017</b> , 2017, 1	5.4	13
573	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> , <b>2017</b> , 2017, 1	5.4	12
572	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> , <b>2017</b> , 2017, 1	5.4	27
571	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 580	4.2	16
570	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> , <b>2017</b> , 77, 563	4.2	15
569	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> , <b>2017</b> , 2017, 1	5.4	7
568	Searches for the Z 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> , <b>2017</b> , 2017, 1	5.4	20

567	Studies of $Z\bar{t}$ 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> , <b>2017</b> , 2017, 1	5.4	7
566	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> , <b>2017</b> , 2017, 1	5.4	12
565	Search for top quark decays $t \rightarrow qH$ , with $H \rightarrow \bar{\nu}\nu$ in $(\sqrt{s}=13)$ TeV pp collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	12
564	Study of $t\bar{t}$ production in collisions at $\sqrt{s}=13$ TeV and search for anomalous quartic gauge couplings with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2017</b> , 77, 646	4.2	11
563	Measurements of top quark spin observables in $(\overline{t})$ events using dilepton final states in $(\sqrt{s}=8)$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	12
562	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> , <b>2017</b> , 2017, 1	5.4	8
561	Top-quark mass measurement in the all-hadronic $(\overline{t})$ decay channel at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	6
560	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	16
559	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> , <b>2017</b> , 2017, 1	5.4	30
558	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> , <b>2017</b> , 2017, 1	5.4	29
557	Measurement of the $k_t$ splitting scales in $Z \rightarrow \ell\bar{\ell}$ events in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	3
556	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> , <b>2017</b> , 2017, 1	5.4	7
555	Evidence for the $(H \rightarrow \overline{b}b)$ decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	50
554	Search for new high-mass phenomena in the dilepton final state using 36 $\text{fb}^{-1}$ of proton-proton collision data at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	126
553	Determination of the strong coupling constant from transverse energy-energy correlations in multijet events at $\sqrt{s}=13$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 872	4.2	19
552	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2016</b> , 76, 295	4.2	28
551	Performance of pile-up mitigation techniques for jets in $(\sqrt{s}=13)$ TeV collisions at $(\sqrt{s}=13)$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 581	4.2	148
550	Measurement of the charged-particle multiplicity inside jets from $(\sqrt{s}=13)$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 322	4.2	35

549	Measurement of jet activity in top quark events using the e <sup>l</sup> 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> , <b>2016</b> , 2016, 1	5.4	4
548	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> , <b>2016</b> , 76, 291	4.2	63
547	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to WW $\rightarrow e\mu$ with the ATLAS detector at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
546	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> , <b>2016</b> , 2016, 1	5.4	13
545	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> , <b>2016</b> , 2016, 1	5.4	10
544	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> , <b>2016</b> , 2016, 1	5.4	13
543	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> , <b>2016</b> , 18, 073021	2.9	1
542	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05013-P05013	1	8
541	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> , <b>2016</b> , 76, 538	4.2	48
540	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> , <b>2016</b> , 76, 283	4.2	42
539	Luminosity determination in collisions at [Formula: see text] = 8 TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2016</b> , 76, 653	4.2	188
538	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> , <b>2016</b> , 76, 683	4.2	7
537	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> , <b>2016</b> , 2016, 1	5.4	20
536	Searches for heavy diboson resonances in pp collisions at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	20
535	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> , <b>2016</b> , 2016, 1	5.4	16
534	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> , <b>2016</b> , 2016, 1	5.4	16
533	Measurement of the CP-violating phase $\phi_s$ 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> , <b>2016</b> , 2016, 1	5.4	10
532	Search for squarks and gluinos in final states with jets and missing transverse momentum at [Formula: see text] = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 392	4.2	53

531	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> , <b>2016</b> , 2016, 1	5.4	24
530	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> , <b>2016</b> , 2016, 1	5.4	22
529	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> , <b>2016</b> , 2016, 1	5.4	12
528	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> , <b>2016</b> , 76, 199	4.2	39
527	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> , <b>2016</b> , 2016, 1	5.4	12
526	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> , <b>2016</b> , 2016, 1	5.4	14
525	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at [Formula: see text] TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 154	4.2	44
524	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> , <b>2016</b> , 76, 210	4.2	53
523	Probing lepton flavour violation via neutrinoless [Formula: see text] decays with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 232	4.2	12
522	A new method to distinguish hadronically decaying boosted bosons from bosons using the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 238	4.2	6
521	Search for supersymmetry at [Formula: see text] TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 259	4.2	48
520	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> , <b>2016</b> , 2016, 1	5.4	45
519	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> , <b>2016</b> , 2016, 1-46	5.4	12
518	Searches for scalar leptoquarks in collisions at [Formula: see text] = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 5	4.2	68
517	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> , <b>2016</b> , 76, 6	4.2	185
516	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> , <b>2016</b> , 76, 11	4.2	21
515	Study of the [Formula: see text] and [Formula: see text] decays with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 4	4.2	13
514	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> , <b>2016</b> , 76, 45	4.2	152

513	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 55	4.2	28
512	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 <b>2016</b> , 76, 1		1
511	The Laser calibration of the ATLAS Tile Calorimeter during the LHC run 1. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, T10005-T10005	1	13
510	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> , <b>2016</b> , 2016, 1	5.4	21
509	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> , <b>2016</b> , 2016, 1	5.4	8
508	Measurement of event-shape observables in [Formula: see text] events in collisions at [Formula: see text] [Formula: see text] with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2016</b> , 76, 375	4.2	5
507	Charged-particle distributions in interactions at [Formula: see text] measured with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 403	4.2	19
506	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> , <b>2016</b> , 76, 502	4.2	37
505	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> , <b>2016</b> , 76, 547	4.2	25
504	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> , <b>2016</b> , 76, 585	4.2	28
503	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. <i>European Physical Journal C</i> , <b>2016</b> , 76, 666	4.2	53
502	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> , <b>2016</b> , 76, 670	4.2	7
501	The performance of the jet trigger for the ATLAS detector during 2011 data taking. <i>European Physical Journal C</i> , <b>2016</b> , 76, 526	4.2	16
500	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> , <b>2016</b> , 76, 541	4.2	7
499	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> , <b>2016</b> , 76, 605	4.2	16
498	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at [Formula: see text]=13 TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 292	4.2	263
497	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> , <b>2016</b> , 76, 658	4.2	26
496	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at [Formula: see text] = 13 Te V with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 565	4.2	20

495	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> , <b>2016</b> , 2016, 1	5-4	25
494	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> , <b>2016</b> , 2016, 1	5-4	59
493	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> , <b>2016</b> , 76, 12	4-2	16
492	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> , <b>2016</b> , 76, 87	4-2	18
491	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> , <b>2016</b> , 76, 81	4-2	7
490	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> , <b>2016</b> , 2016, 1	5-4	33
489	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> , <b>2016</b> , 76, 513	4-2	27
488	Search for supersymmetry in a final state containing two photons and missing transverse momentum in [Formula: see text] TeV [Formula: see text] collisions at the LHC using the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 517	4-2	17
487	Search for resonances in diphoton events at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	49
486	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> , <b>2016</b> , 76, 442	4-2	24
485	Measurement of the relative width difference of the ( $B^0$ ) system with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	5
484	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> , <b>2015</b> , 75, 17	4-2	194
483	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> , <b>2015</b> , 75, 79	4-2	21
482	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> , <b>2015</b> , 75, 69	4-2	62
481	Measurements of the [Formula: see text] production cross sections in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 82	4-2	54
480	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> , <b>2015</b> , 75, 92	4-2	60
479	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> , <b>2015</b> , 2015, 1	5-4	14
478	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> , <b>2015</b> , 2015, 1	5-4	12

477	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> , <b>2015</b> , 2015, 1	5.4	29
476	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> , <b>2015</b> , 2015, 1	5.4	64
475	Measurement of the inclusive jet cross-section in proton-proton collisions at ( $\sqrt{s}=7$ ) TeV using 4.5 fb <sup>-1</sup> of data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	27
474	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> , <b>2015</b> , 2015, 1	5.4	45
473	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> , <b>2015</b> , 2015, 1	5.4	56
472	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> , <b>2015</b> , 75, 209	4.2	73
471	Performance of the ATLAS muon trigger in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , <b>2015</b> , 75, 120	4.2	51
470	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> , <b>2015</b> , 75, 412	4.2	66
469	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> , <b>2015</b> , 75, 231	4.2	15
468	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> , <b>2015</b> , 75, 299	4.2	202
467	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> , <b>2015</b> , 75, 263	4.2	46
466	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> , <b>2015</b> , 75, 228	4.2	18
465	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> , <b>2015</b> , 75, 335	4.2	56
464	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> , <b>2015</b> , 75, 303	4.2	49
463	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 476	4.2	104
462	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> , <b>2015</b> , 75, 229	4.2	38
461	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> , <b>2015</b> , 75, 349	4.2	94
460	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> , <b>2015</b> , 75, 318	4.2	44



459	Search for heavy long-lived multi-charged particles in collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 362	4.2	22
458	Two-particle Bose-Einstein correlations in collisions at $\sqrt{s}=0.9$ and 7 TeV measured with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 466	4.2	28
457	Measurement of the top quark mass in the $t\bar{t}$ and $t\bar{t}b\bar{b}$ channels using $t\bar{t}$ ATLAS data. <i>European Physical Journal C</i> , <b>2015</b> , 75, 330	4.2	32
456	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. <i>European Physical Journal C</i> , <b>2015</b> , 75, 510	4.2	109
455	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> , <b>2015</b> , 2015, 1	5.4	2
454	A search for high-mass resonances decaying to $t\bar{t}$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
453	Search for lepton-flavour-violating $H \rightarrow \tau\mu$ decays of the Higgs boson with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	46
452	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> , <b>2015</b> , 2015, 1-76	5.4	5
451	A search for $t\bar{t}$ 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> , <b>2015</b> , 2015, 1	5.4	57
450	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> , <b>2015</b> , 2015, 1	5.4	18
449	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> , <b>2015</b> , 2015, 1	5.4	49
448	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> , <b>2015</b> , 2015, 1	5.4	26
447	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> , <b>2015</b> , 2015, 1-39	5.4	66
446	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	65
445	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> , <b>2015</b> , 2015, 1	5.4	54
444	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> , <b>2015</b> , 2015, 1	5.4	16
443	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> , <b>2015</b> , 2015, 1	5.4	55
442	Determination of the top-quark pole mass using $t\bar{t}+1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	15

441	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> , <b>2015</b> , 2015, 1	5.4	16
440	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> , <b>2015</b> , 2015, 1-65	5.4	18
439	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> , <b>2015</b> , 2015, 1	5.4	22
438	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> , <b>2015</b> , 2015, 1	5.4	37
437	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	74
436	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> , <b>2015</b> , 75, 165	4.2	25
435	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> , <b>2015</b> , 75, 158	4.2	8
434	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> , <b>2015</b> , 75, 208	4.2	50
433	Study of $(W/Z)H$ production and Higgs boson couplings using $H \rightarrow WW^*$ decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
432	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> , <b>2015</b> , 75, 407	4.2	18
431	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> , <b>2015</b> , 75, 23	4.2	31
430	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector <b>2015</b> , 75, 1		3
429	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider <b>2015</b> , 75, 1		3
428	Measurement of the inclusive jet cross-section in proton-proton collisions at $(\sqrt{s}=7)$ TeV using 4.5 fb <sup>-1</sup> of data with the ATLAS detector <b>2015</b> , 2015, 1		3
427	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> , <b>2014</b> , 2014, 1	5.4	24
426	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> , <b>2014</b> , 2014, 1	5.4	29
425	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> , <b>2014</b> , 74, 2895	4.2	12
424	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2941	4.2	160

423	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> , <b>2014</b> , 74, 1	4.2	18
422	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> , <b>2014</b> , 74, 2982	4.2	18
421	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> , <b>2014</b> , 74, 3023	4.2	46
420	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> , <b>2014</b> , 2014, 1	5.4	14
419	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> , <b>2014</b> , 2014, 1	5.4	76
418	Measurement of the production cross section of prompt $J/\psi$ 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> , <b>2014</b> , 2014, 1	5.4	24
417	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> , <b>2014</b> , 2014, 1	5.4	17
416	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> , <b>2014</b> , 2014, 1	5.4	120
415	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> , <b>2014</b> , 2014, 1	5.4	39
414	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> , <b>2014</b> , 2014, 1	5.4	52
413	Measurement of $\tau_1$ and $\tau_2$ production with $(\sqrt{s}) = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	26
412	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> , <b>2014</b> , 2014, 1	5.4	40
411	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> , <b>2014</b> , 74, 2883	4.2	41
410	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> , <b>2014</b> , 2014, 1	5.4	67
409	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> , <b>2014</b> , 74, 3130	4.2	166
408	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
407	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> , <b>2014</b> , 74, 3117	4.2	17
406	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> , <b>2014</b> , 74, 3168	4.2	16

405	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> , <b>2014</b> , 2014, 1	5.4	30
404	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb <sup>-1</sup> of ( $\sqrt{s}$ ) = 8 TeV proton-proton collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	9
403	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> , <b>2014</b> , 2014, 1	5.4	108
402	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> , <b>2014</b> , 74, 3109	4.2	107
401	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> , <b>2014</b> , 2014, 1	5.4	54
400	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> , <b>2014</b> , 74, 3034	4.2	45
399	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	160
398	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> , <b>2014</b> , 74, 3134	4.2	31
397	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> , <b>2014</b> , 74, 3157	4.2	52
396	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> , <b>2014</b> , 74, 3195	4.2	21
395	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> , <b>2014</b> , 2014, 1	5.4	36
394	Measurement of the Z/ $\gamma$ boson transverse momentum distribution in pp collisions at ( $\sqrt{s}=7$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	79
393	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> , <b>2014</b> , 2014, 1	5.4	31
392	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> , <b>2014</b> , 2014, 1	5.4	26
391	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> , <b>2014</b> , 2014, 1	5.4	38
390	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> , <b>2014</b> , 2014, 1	5.4	29
389	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> , <b>2013</b> , 2013, 1	5.4	50
388	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> , <b>2013</b> , 2013, 1	5.4	34

387	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> , <b>2013</b> , 2013, 1	5.4	30
386	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> , <b>2013</b> , 2013, 1	5.4	124
385	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> , <b>2013</b> , 2013, 1	5.4	45
384	Search for charged Higgs bosons through the violation of lepton universality in ( $\overline{t}$ ) events using pp collision data at ( $\sqrt{s}=7$ ) TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	14
383	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> , <b>2013</b> , 2013, 1	5.4	47
382	Measurement of splitting scales in $\rightarrow$ events at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2432	4.2	8
381	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> , <b>2013</b> , 73, 2465	4.2	76
380	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> , <b>2013</b> , 2013, 1	5.4	92
379	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> , <b>2013</b> , 2013, 1	5.4	64
378	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> , <b>2013</b> , 2013, 1	5.4	24
377	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> , <b>2013</b> , 2013, 1	5.4	43
376	Improved luminosity determination in collisions at [Formula: see text] using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2518	4.2	276
375	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> , <b>2013</b> , 73, 2509	4.2	71
374	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> , <b>2013</b> , 73, 2362	4.2	25
373	Jet energy measurement with the ATLAS detector in proton-proton collisions at ( $\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	209
372	Measurement of jet shapes in top-quark pair events at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2676	4.2	18
371	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> , <b>2013</b> , 2013, 1	5.4	143
370	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> , <b>2013</b> , 2013, 1	5.4	15

369	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> , <b>2013</b> , 2013, 1	5.4	72
368	Measurement of isolated-photon pair production in pp collisions at ( $\sqrt{s}=7$ ;TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	44
367	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> , <b>2013</b> , 2013, 1	5.4	55
366	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at ( $\sqrt{s}=7$ ;mathrm{TeV}) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	15
365	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 729, 615-701	1.2	125
364	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at ( $\sqrt{s} = 7$ mbox{TeV}). <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	55
363	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at ( $\sqrt{s} = 7$ mbox{TeV}). <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	44
362	Measurement of the flavour composition of dijet events in pp collisions at ( $\sqrt{s}=7$ mbox{TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	12
361	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	41
360	Jet energy resolution in proton-proton collisions at [Formula: see text] recorded in 2010 with the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2306	4.2	153
359	Measurement of the [Formula: see text] production cross section in the tau + jets channel using the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2328	4.2	30
358	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , <b>2013</b> , 15, 043009	2.9	15
357	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	14
356	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at ( $\sqrt{s} = 7$ mbox{TeV}) with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	31
355	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> , <b>2012</b> , 72, 2039	4.2	78
354	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> , <b>2012</b> , 72, 2040	4.2	10
353	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> , <b>2012</b> , 72, 2046	4.2	42
352	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> , <b>2012</b> , 72, 2056	4.2	78

351	Measurement of polarization in $\rightarrow$ decays with the ATLAS detector in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2062	4.2	17
350	Measurement of the cross section for top-quark pair production in pp collisions at $(\sqrt{s} = 7; \text{TeV})$ with the ATLAS detector using final states with two high-p T leptons. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	43
349	Jet mass and substructure of inclusive jets in $(\sqrt{s} = 7; \text{TeV})$ pp collisions with the ATLAS experiment. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	67
348	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	10
347	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb of $(\sqrt{s} = 7; \text{TeV})$ proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	48
346	A search for $(\overline{t})$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $(\sqrt{s} = 7) \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	39
345	Search for the Standard Model Higgs boson in the $H \rightarrow \tau \tau$ decay mode in $(\sqrt{s} = 7; \text{TeV})$ pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	37
344	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $(\sqrt{s} = 7; \text{TeV})$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	31
343	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $(\sqrt{s} = 7) \text{ TeV}$ with ATLAS. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	11
342	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> , <b>2012</b> , 2012, 1	5.4	53
341	Search for high-mass resonances decaying to dilepton final states in pp collisions at $(\sqrt{s} = 7) \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	49
340	Search for anomalous production of prompt like-sign lepton pairs at $(\sqrt{s} = 7; \text{TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	16
339	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> , <b>2012</b> , 2012, 1	5.4	45
338	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> , <b>2012</b> , 2012, 1	5.4	13
337	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	199
336	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$ . <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	70
335	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> , <b>2012</b> , 72, 1	4.2	13
334	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> , <b>2012</b> , 72, 2043	4.2	82

333	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> , <b>2012</b> , 72, 2083	4.2	14
332	Search for second generation scalar leptoquarks in pp collisions at ( $\sqrt{s}=7\sim\text{TeV}$ ) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	35
331	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	13
330	Measurement of $W \mp Z$ production in proton-proton collisions at ( $\sqrt{s}=7\sim\text{TeV}$ ) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	54
329	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> , <b>2012</b> , 72, 1	4.2	24
328	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> , <b>2012</b> , 72, 1	4.2	18
327	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> , <b>2012</b> , 72, 1	4.2	11
326	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> , <b>2012</b> , 72, 1	4.2	31
325	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> , <b>2012</b> , 72, 1	4.2	34
324	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> , <b>2012</b> , 72, 1	4.2	104
323	A microfluidic device with removable packaging for the real time visualisation of intracellular effects of nanosecond electrical pulses on adherent cells. <i>Lab on A Chip</i> , <b>2012</b> , 12, 4709-15	7.2	13
322	Performance of missing transverse momentum reconstruction in proton-proton collisions at ( $\sqrt{s} = 7\sim\text{TeV}$ ) with ATLAS. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	217
321	Performance of the ATLAS Trigger System in 2010. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	232
320	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at ( $\sqrt{s} = 7\text{ TeV}$ ) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	34
319	Search for charged Higgs bosons decaying via $H \mp \rightarrow \bar{\nu}_n (\overline{t})$ events using pp collision data at ( $\sqrt{s} = 7\text{ TeV}$ ) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	112
318	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	52
317	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	23
316	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> , <b>2011</b> , 71, 1	4.2	103



315	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> , <b>2011</b> , 71, 1	4.2	138
314	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	16
313	Luminosity determination in pp collisions at ( $\sqrt{s} = 7$ ) TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	167
312	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> , <b>2011</b> , 71, 1	4.2	30
311	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> , <b>2011</b> , 71, 1	4.2	18
310	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in ( $\sqrt{s}=7\sim\text{mbox{TeV}}$ ) proton-proton collisions with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	41
309	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> , <b>2011</b> , 71, 1	4.2	37
308	Search for diphoton events with large missing transverse energy with 36 pb <sup>-1</sup> of 7 TeV proton-proton collision data with the ATLAS detector. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	15
307	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	44
306	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> , <b>2011</b> , 71, 1	4.2	51
305	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb <sup>-1</sup> of ATLAS data. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	13
304	Search for massive colored scalars in four-jet final states in ( $\sqrt{s}=7\sim\text{mbox{TeV}}$ ) proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	37
303	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at ( $\sqrt{s}=7\sim\text{TeV}$ ) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	53
302	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> , <b>2011</b> , 2011, 1	5.4	11
301	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> , <b>2011</b> , 2011, 1	5.4	31
300	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> , <b>2011</b> , 2011, 1	5.4	60
299	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , <b>2010</b> , 70, 723-753	4.2	41
298	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , <b>2010</b> , 70, 787-821.	4.2	70

297	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C</i> , <b>2010</b> , 70, 755-785	4.2	12
296	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C</i> , <b>2010</b> , 70, 875-916	4.2	14
295	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , <b>2010</b> , 70, 823-874	4.2	817
294	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , <b>2010</b> , 70, 1193-1236	4.2	82
293	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5.4	14
292	Measurement of the $W \rightarrow \ell$ and $Z/\ell \rightarrow \ell$ production cross sections in proton-proton collisions at ( $\sqrt{s} = 7$ ;{text{TeV}}) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5.4	58
291	Search for $B^+ \rightarrow \mu^+ \ell$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	62
290	Search for the rare charmless hadronic decay $B^+ \rightarrow a_0^+ \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	5
289	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K_S^0 \pi^0$ and of the branching fraction $B^0 \rightarrow K^0 \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	9
288	Study of $B^+ \rightarrow \pi^+ c \bar{c}$ and $B^+ \rightarrow \pi^+ c \bar{s}$ decays at BABAR. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	32
287	Study of resonances in exclusive B decays to $D^0(*) D^0(*) K$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	100
286	Measurement of the $B \rightarrow \mu^+ \mu^-$ branching fraction and a search for a second-class current in the $B \rightarrow \rho(958) \mu^+ \mu^-$ decay. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	24
285	Search for the decays $B^0 \rightarrow e^+ e^- \pi^0$ and $B^0 \rightarrow \mu^+ \mu^- \pi^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	4
284	Determination of the form factors for the decay $B^0 \rightarrow D^{*+} \pi^-$ and of the CKM matrix element $ V_{cb} $ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	43
283	Measurements of $e^+ e^- \rightarrow K^+ K^- K^0 K^0$ , and $K_S^0 K^0 \pi^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	127
282	Search for decays of $B^0$ mesons into $e^+ e^- \pi^0 \pi^0$ and $e^+ e^- \pi^0$ final states. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	14
281	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi \pi^0 \nu$ tau, and into $\phi K^0 \nu$ tau. <i>Physical Review Letters</i> , <b>2008</b> , 100, 011801	7.4	55
280	Observation of the semileptonic decays $B^+ \rightarrow D^+ \tau^+ \nu_\tau$ and evidence for $B^+ \rightarrow D^+ \tau^+ \nu_\tau$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 021801	7.4	79

279	Study of excited charm-strange baryons with evidence for new baryons $\bar{\Lambda}(3055)^+$ and $\bar{\Lambda}(3123)^+$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	61
278	Measurements of partial branching fractions for $B \rightarrow X_{\text{charm}} \nu \mu$ and determination of $ V_{ub} $ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 171802	7.4	15
277	Measurement of the absolute branching fraction of $D_0 \rightarrow K \pi^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 051802	7.4	8
276	Search for CP violation in the decays $D_0 \rightarrow K^- K^+$ and $D_0 \rightarrow \pi^- \pi^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 061803	7.4	60
275	Observation of $B^+ \rightarrow a_1^+(1260) K^0$ and $B^0 \rightarrow a_1^-(1260) K^+$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 051803	7.4	15
274	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K \pi$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , <b>2008</b> , 100,	7.4	2
273	Observation of tree-level B decays with $s\bar{s}$ production from gluon radiation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 171803	7.4	15
272	Observation of $B; \{0\} \rightarrow K; (*0) K[\text{over } ](*0)$ and Search for $B; (0) \rightarrow K; (*0) K; (*0)$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 081801	7.4	21
271	Observation of $Y(3940) \rightarrow J/\psi \omega$ in $B \rightarrow J/\psi \omega K$ at BABAR. <i>Physical Review Letters</i> , <b>2008</b> , 101, 082001	7.4	111
270	Search for CPT and lorentz violation in $B_0 - \bar{B}_0$ oscillations with dilepton events. <i>Physical Review Letters</i> , <b>2008</b> , 100, 131802	7.4	45
269	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 091801	7.4	6
268	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$ , $(\psi) K^*$ , and $\bar{\Lambda}^1 K^*$ with an angular analysis. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	33
267	Observation of $B^+ \rightarrow \psi K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
266	Study of $B_0 \rightarrow \psi \psi$ , $B^+ \rightarrow \psi \psi$ , and $B^+ \rightarrow K \psi \psi$ decays, and isospin analysis of $B \rightarrow \psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
265	Study of the exclusive initial-state-radiation production of the $D\bar{D}^*$ system. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	73
264	Inclusive $\bar{\Lambda}^+$ production in $e^+e^-$ annihilations at $\sqrt{s}=10.54$ GeV and in $(\psi) S$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	15
263	Measurement of the $B \rightarrow K \psi$ branching fraction. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
262	Search for prompt production of $\bar{\Lambda}$ and $X(3872)$ in $e^+e^-$ annihilations. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	2

261	Search for the decay $B^+ \rightarrow K^*0(892)K^+$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
260	Measurement of the relative branching fractions of $B^+ \rightarrow D/D^*/D^{**}l^+$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	9
259	Search for neutral B-meson decays to $a_0 \pi a_0 K$ , $\pi$ , and $\pi\pi$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
258	Measurement of CP asymmetry in $B^0 \rightarrow K_S0 \pi\pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	10
257	Search for $D^0D^0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
256	Search for the reactions $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow e^+\pi^-$ <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	8
255	Measurements of the branching fractions of $B^0 \rightarrow K^*0K+K^-$ , $B^0 \rightarrow K^*0\pi^+K^-$ , $B^0 \rightarrow K^*0K^+ \pi^-$ and $B^0 \rightarrow K^*0\pi^+\pi^-$ <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
254	Search for $B^0 \rightarrow ?(K^+\pi^-)$ decays with large $K^+\pi^-$ invariant mass. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	13
253	$e^+e^- \rightarrow K^+K^-\pi^+K^-\pi^0$ and $K^+K^-\pi^+K^-\pi^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	86
252	Measurement of the $B^+ \rightarrow \pi^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	11
251	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^*+D^-\pi^0$ <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	7
250	Measurement of CP asymmetries in $B^0 \rightarrow K_S0K_S0K_S0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	5
249	Branching fraction measurement of $B^0 \rightarrow D(*)^+\pi^-$ and $B^+ \rightarrow D(*)^0\pi^+$ and isospin analysis of $B^+ \rightarrow D(*)^+\pi^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
248	Improved measurements of the branching fractions for $B^0 \rightarrow \pi^+\pi^-$ and $B^0 \rightarrow K^+\pi^-$ and a search for $B^0 \rightarrow K^+K^-\pi^0$ <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	33
247	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	11
246	Study of inclusive $B^+$ and $B^0$ decays to flavor-tagged D, Ds, and $\bar{B}^+$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
245	Measurement of B decays to $\eta K^0$ <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
244	Study of $e^+e^- \rightarrow \pi^+\pi^0$ , $\pi^+\pi^0\pi^0$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	81

243	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> , <b>2007</b> , 76,	4.9	14
242	The $e^+e^- \rightarrow 2(\pi^0\pi^0)$ , $2(\pi^0\pi^0)K+K\pi^0$ and $K+K\pi^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	111
241	Study of $B^0 \rightarrow \pi^0\pi^0$ decays and constraints on the CKM angle $\beta$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	46
240	Amplitude analysis of the $B^+ \rightarrow \pi^0 \rho^+(770) \rightarrow \pi^0 \pi^+ \pi^-$ decay. <i>Physical Review Letters</i> , <b>2007</b> , 99, 201802	7.4	24
239	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 221801	7.4	36
238	Improved limits on the lepton-flavor violating decays $\tau^- \rightarrow \nu_\tau \nu_\mu \nu_e$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251803	7.4	36
237	Measurements of CP-violating asymmetries in the decay $B^0 \rightarrow K^+ K^- K^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 161802	7.4	32
236	Evidence for charged B meson decays to $a_1^+(1260)\pi^0$ and $a_1(0)(1260)\pi^+/-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 261801	7.4	12
235	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> , <b>2007</b> , 76,	4.9	28
234	Measurements of $B^+$ branching fractions of Cabibbo-suppressed decay modes involving $\bar{K}^0$ and $\bar{K}^*$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
233	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow [K^+ \pi^0] D K^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	4
232	Search for $B^+ \rightarrow \pi^0 \pi^+$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	39
231	Observation of a Charmed Baryon Decaying to $D; \{0\}p$ at a Mass Near $2.94 \text{ GeV}/c; \{2\}$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 012001	7.4	97
230	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98,	7.4	4
229	Measurement of the CP asymmetry and branching fraction of $B^0 \rightarrow \rho^0 K^0$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051803	7.4	6
228	Improved measurement of CP violation in neutral B decays to $c\bar{c}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 171803	7.4	31
227	Search for the Decay $B^+ \rightarrow K^+ \tau^- / \mu^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 201801	7.4	12
226	Amplitude analysis of the decay $D^0 \rightarrow K^+ K^- \pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	24

225	Evidence of a broad structure at an invariant mass of 4.32 GeV/c <sup>2</sup> in the reaction e <sup>+</sup> e <sup>-</sup> → π <sup>+</sup> π <sup>-</sup> ψ(2S) measured at BABAR. <i>Physical Review Letters</i> , <b>2007</b> , 98, 212001	7.4	200
224	Observation of decays B <sup>0</sup> → D <sub>s</sub> (*) <sup>+</sup> π <sup>-</sup> and B <sup>0</sup> → D <sub>s</sub> (*) <sup>-</sup> K <sup>+</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 081801	7.4	9
223	Measurement of the Time-Dependent CP Asymmetry in B <sub>CP;(*)h</sub> Decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 081801	7.4	8
222	Observation of CP violation in B(0) → K(+)π(-) and B(0) → π(+)π(-). <i>Physical Review Letters</i> , <b>2007</b> , 99, 021603	7.4	54
221	Measurement of the pseudoscalar decay constant f <sub>D</sub> s using charm-tagged events in e <sup>+</sup> e <sup>-</sup> collisions at square root s=10.58 GeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 141801	7.4	39
220	Search for lepton flavor violating decays τ(±) → l(±)π0, l(±)η, l(±)η'. <i>Physical Review Letters</i> , <b>2007</b> , 98, 061803	7.4	33
219	Measurement of cos2β in B <sub>CP;(*)h</sub> decays with a time-dependent Dalitz plot analysis of D → K <sub>s</sub> π <sup>+</sup> π <sup>-</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 231802	7.4	17
218	Measurement of CP violation parameters with a Dalitz plot analysis of B <sub>CP;(*)h</sub> → Dπ <sup>+</sup> π <sup>-</sup> K <sub>s</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 251801	7.4	31
217	Vector-tensor and vector-vector decay amplitude analysis of B <sup>0</sup> → φK <sup>0</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051801	7.4	40
216	Measurement of branching fractions and mass spectra of B → Kπγ. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211804	7.4	7
215	Evidence for D <sup>0</sup> -D <sup>0</sup> mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211802	7.4	186
214	Production and decay of Ω <sub>c</sub> <sup>0</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 062001	7.4	21
213	Measurement of the B <sup>0</sup> → π(-)l(±)ν form-factor shape and branching fraction, and determination of  V <sub>ub</sub>   with a loose neutrino reconstruction technique. <i>Physical Review Letters</i> , <b>2007</b> , 98, 091801	7.4	52
212	Evidence for B(0) → ρ(0)ρ(0) decays and implications for the Cabibbo-Kobayashi-Maskawa angle α. <i>Physical Review Letters</i> , <b>2007</b> , 98, 111801	7.4	11
211	Observation of B → η'K <sup>*</sup> and evidence for B <sup>+</sup> → η'ρ <sup>+</sup> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 051802	7.4	7
210	Branching fraction measurements of B <sup>+</sup> → ρ <sup>+</sup> γ, B <sup>0</sup> → ρ <sup>0</sup> γ, and B <sup>0</sup> → ωγ. <i>Physical Review Letters</i> , <b>2007</b> , 98, 151802	7.4	22
209	Measurement of CP-violating asymmetries in B <sup>0</sup> → D <sup>*</sup> (±)D(∓). <i>Physical Review Letters</i> , <b>2007</b> , 99, 071801	7.4	19
208	Measurements of CP-violating asymmetries in B <sup>0</sup> → a <sub>1</sub> (±)(1260)π(∓) decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 181803	7.4	25

207	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031801	7.4	21
206	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 241803	7.4	15
205	Evidence for the $B^0 \rightarrow \rho \pi K^0$ and $B^+ \rightarrow \rho K^+$ decays and study of the decay dynamics of B meson decays into $\rho \pi$ final states. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
204	Measurement of the hadronic form factor in $D^0 \rightarrow K \bar{B}$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	42
203	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> , <b>2006</b> , 96, 011803	7.4	13
202	Measurement of the spin of the omega(-) hyperon. <i>Physical Review Letters</i> , <b>2006</b> , 97, 112001	7.4	17
201	Observation of $e^+ e^-$ annihilation into the $C = +1$ hadronic final states $\rho(0) \rho(0)$ and $\phi \rho(0)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 112002	7.4	8
200	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 171805	7.4	52
199	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> , <b>2006</b> , 73,	4.9	40
198	Measurements of the absolute branching fractions of $B^+ / - \rightarrow K^+ / - X(cc)$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 052002	7.4	60
197	Structure at 2175 MeV in $e^+ e^- \rightarrow f_0(980)$ observed via initial-state radiation. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	102
196	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a $K^*$ meson. <i>Physical Review Letters</i> , <b>2006</b> , 97, 201802	7.4	18
195	Measurements of neutral B decay branching fractions to $K_S^0 \pi \pi$ final states and the charge asymmetry of $B^0 \rightarrow K^* \pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	26
194	Measurement of the $B_{D^*}$ lifetime and the $B^0 B_{D^*}^0$ oscillation frequency using partially reconstructed $B_{D^*}^0 \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	14
193	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 97, 201801	7.4	41
192	Observation of Upsilon(4S) decays to $\pi^+ \pi^- \text{Upsilon}(1S)$ and $\pi^+ \pi^- \text{Upsilon}(2S)$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 232001	7.4	39
191	Study of $e^+ e^- \rightarrow \rho \pi$ using initial state radiation with BABAR. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	180
190	Measurement of the $B \rightarrow \pi l \nu$ branching fraction and determination of absolute value of $V_{ub}$ with tagged B mesons. <i>Physical Review Letters</i> , <b>2006</b> , 97, 211801	7.4	36

189	Observation of an excited charm baryon Omega c* decaying to Omega c0gamma. <i>Physical Review Letters</i> , <b>2006</b> , 97, 232001	7.4	86
188	Observation of B(+)->phipiK(+) and evidence for B(0)->phipiK(0) below eta(c) threshold. <i>Physical Review Letters</i> , <b>2006</b> , 97, 261803	7.4	4
187	Search for D0-D0 mixing and branching-ratio measurement in the decay D0->K+ pi- pi0. <i>Physical Review Letters</i> , <b>2006</b> , 97, 221803	7.4	17
186	Search for lepton flavor violation in the decay tau+/->e+/-gamma. <i>Physical Review Letters</i> , <b>2006</b> , 96, 041801	7.4	91
185	Measurements of branching fraction, polarization, and charge asymmetry of B(+/-)->rho(+/-)rho(0) and a search for B(+/-)->rho(+/-)f(0)(980). <i>Physical Review Letters</i> , <b>2006</b> , 97, 261801	7.4	23
184	Dalitz plot analysis of the decay B+->K+K- pi0. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	52
183	Measurement of the B and B transition form factors at q2=112 GeV2. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	59
182	Measurement of the absolute branching fractions B->D D* D** with a missing mass method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
181	Measurement of the branching fraction and photon energy moments of B->Xs gamma and A(CP)(B-> X(s+d gamma)). <i>Physical Review Letters</i> , <b>2006</b> , 97, 171803	7.4	52
180	Observation of a new Ds meson decaying to DK at a mass of 2.86 GeV/c2. <i>Physical Review Letters</i> , <b>2006</b> , 97, 222001	7.4	117
179	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , <b>2006</b> , 96, 221801	7.4	20
178	Search for the rare decay B0->tau+tau- at BABAR. <i>Physical Review Letters</i> , <b>2006</b> , 96, 241802	7.4	27
177	Observation of B0 meson decay to a 1 +/(1260)pi +/- . <i>Physical Review Letters</i> , <b>2006</b> , 97, 051802	7.4	39
176	Search for T, CP, and CPT violation in B0-B0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2006</b> , 96, 251802	7.4	65
175	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to D(*)D(*) , and implications for the Cabibbo-Kobayashi-Maskawa angle phi. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	20
174	Study of the decay B0->D*+ pi0. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
173	Search for the decay B0->KS0KS0KL0. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
172	Measurement of the D+>pi0 and D+>K+pi0 branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10



171	Measurement of the $B \rightarrow D^0 K^* \pi$ branching fraction. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	6
170	Precise branching ratio measurements of the decays $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow K_S^0 \pi^0$ relative to the $D^0 \rightarrow K_S^0 \pi^0$ decay. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
169	Branching fraction measurements of charged B decays to $K^* + K + K$ , $K^* + \pi + K$ , $K^* + K + \pi$ and $K^* + \pi + \pi$ final states. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
168	Searches for $B^0$ decays to $K^0$ , $\pi^0 \pi^0$ , $\pi^0 \pi^+$ , and $\pi^0 \pi^-$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
167	Study of the X(3872) and Y(4260) in $B^0 \rightarrow J/\psi K^0$ and $B \rightarrow J/\psi K$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	76
166	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> , <b>2006</b> , 74,	4.9	20
165	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
164	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	7
163	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> , <b>2006</b> , 74,	4.9	35
162	Search for the rare decays $B^0 \rightarrow D_s^{(*)} + a_0(2) \pi$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	5
161	Search for the decay of a $B^0$ or $B^{\pm}$ meson to $K^{\pm} 0 K^0$ or $K^* 0 K^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
160	Measurements of CP-violating asymmetries and branching fractions in B decays to $K$ and $\pi$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
159	Branching fraction limits for $B^0$ decays to $\pi^0 \pi^0$ and $\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
158	Measurement of $B^{\pm} \rightarrow D^{(*)} 0 K^{\pm} (*) 0$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	15
157	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^0)$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
156	Measurement of branching fractions in radiative B decays to $K^{\pm} \gamma$ and search for B decays to $\pi^0 K^{\pm}$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	10
155	Search for doubly charmed baryons $\Xi_{cc}^+$ and $\Xi_{cc}^{++}$ in BABAR. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	116
154	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> , <b>2006</b> , 73,	4.9	18

153	Measurements of the $B \rightarrow D^*$ form factors using the decay $B \rightarrow D^* + e$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	20
152	Search for $B^+ \rightarrow \pi^0$ and $B^0 \rightarrow \pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
151	Measurements of the decays $B^0 \rightarrow D^0 \pi^0$ , $B^0 \rightarrow D^* \pi^0$ , $B^0 \rightarrow D^0 \pi^+$ , and $B^0 \rightarrow D^* \pi^+$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	27
150	Study of $B \rightarrow D^{(*)} D_s(J)^{(*)}$ decays and measurement of $D_s$ and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	29
149	Search for the decay $B^+ \rightarrow \pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
148	Observation of the exclusive reaction $e^+e^- \rightarrow \pi^0$ at $s=10.58$ GeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	8
147	Search for B meson decays to $\pi^0 K$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	3
146	Search for $B^+ \rightarrow X(3872) K^+$ , $X(3872) \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	106
145	Search for the charmed pentaquark candidate $\Theta(3100)^0$ in $e^+e^-$ annihilations at $s=10.58$ GeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	10
144	Search for the decay $B^0 \rightarrow a_1 \pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	12
143	Measurement of CP observables for the decays $B^0 \rightarrow D^0 \pi^0 K^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	12
142	Search for the decay $B^0 \rightarrow 3\pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	4
141	B meson decays to $K^*$ , $\rho$ , and $\omega$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
140	Search for the rare decay $B^0 \rightarrow D^* \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	1
139	Measurement of the total width, the electronic width, and the mass of the $\Upsilon(10580)$ resonance. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	23
138	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K$ . A measurement of $\cos 2\alpha$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	72
137	Amplitude analysis of the decay $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	30
136	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	18

135	Search for the radiative decay $B^0 \rightarrow \gamma \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	6
134	Measurements of B meson decays to $K^* \pi$ and $\rho \pi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	5
133	Study of $B \rightarrow \pi \pi$ and $B \rightarrow \pi \rho$ decays and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	27
132	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	12
131	$e^+e^- \rightarrow \mu^+\mu^- K^+K^-$ and $K^+K^0 K^-K^0$ cross sections at center-of-mass energies 0.54–1.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	109
130	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	22
129	Measurement of CP observables for the decays $B_{\pm}^0 \rightarrow D^0 K^{\pm}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	12
128	Search for $b \rightarrow u$ transitions in $B_{\pm}^0 \rightarrow D^0 K^{\pm}$ and $B_{\pm}^0 \rightarrow D^{*0} K^{\pm}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	19
127	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	7
126	Evidence for the decay $B_{\pm}^0 \rightarrow K^* \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	10
125	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X K$ , $X \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	71
124	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow K_S^0 \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	19
123	Study of the $B \rightarrow 3h \pi^+ \pi^-$ decay. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	13
122	Measurement of CP asymmetries in $B^0 \rightarrow \eta K^0$ and $B^0 \rightarrow K^+ K^- K_S^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	36
121	Search for the decay $B \rightarrow 4\pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	9
120	Measurement of the branching fraction and decay rate asymmetry of $B_{\pm}^0 \rightarrow D^{\pm} K^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
119	Dalitz-plot analysis of the decays $B_{\pm}^0 \rightarrow K^0 \pi^{\pm}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	89
118	Study of $b \rightarrow c$ interference in the decay $B_{\pm}^0 \rightarrow [K^+ \pi^-] D K^{\pm}$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	8

117	Study of the $B \rightarrow J/\psi D$ decay and measurement of the $B \rightarrow X(3872)K$ branching fraction. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	333
116	Measurement of the $B_0 \rightarrow D^* D_s^{*+}$ and $D_s^{*+} \rightarrow \eta$ branching fractions. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	25
115	Measurement of double charmonium production in $e^+e^-$ annihilations at $s=10.6$ GeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	136
114	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K \bar{K}^+ \eta$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	16
113	Measurement of the branching ratios $(D_s^{*+} \rightarrow D_s + \eta)/(D_s^{*+} \rightarrow D_s + \eta)$ and $(D^{*0} \rightarrow D_0 \eta)/(D^{*0} \rightarrow D_0 \eta)$ <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	11
112	Measurement of the ratio $B(B \rightarrow D^* K^0)/B(B \rightarrow D^* 0)$ and of the CP asymmetry of $B \rightarrow DCP^+ K^0$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	13
111	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	8
110	Precision measurement of the $\Xi^+$ baryon mass. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	30
109	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^* + D^{*-}$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 151804	7.4	9
108	Search for the rare leptonic decay $B \rightarrow \tau \nu_\tau$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 041804	7.4	14
107	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 111801	7.4	20
106	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B_0 B_0$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 042004	7.4	12
105	Measurements of the branching fraction and CP-violation asymmetries in $B_0 \rightarrow f_0(980) K_0 S$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 041802	7.4	20
104	Limit on the $B_0 \rightarrow \rho^0 \rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 131801	7.4	20
103	Branching fraction and CP asymmetries of $B_0 \rightarrow K_0(S) K_0(S) K_0(S)$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 011804	7.4	12
102	Measurements of the $B \rightarrow X_s \gamma$ branching fraction and photon spectrum from a sum of exclusive final states. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	86
101	Improved measurement of CP asymmetries in $B_0 \rightarrow (cc)K(0^*)$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 161803	7.4	92
100	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \eta$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	23

99	Observation of a broad structure in the $\pi^+\pi^- J/\psi$ mass spectrum around 4.26 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2005</b> , 95, 142001	7.4	526
98	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)\pm} K^{\mp}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 131802	7.4	7
97	Search for radiative penguin decays $B^+ \rightarrow \rho^+ \gamma$ , $B^0 \rightarrow \rho^0 \gamma$ , and $B^0 \rightarrow \omega \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 011801	7.4	11
96	Search for lepton-flavor and lepton-number violation in the decay $\tau^- \rightarrow l^+ h^- h'^-$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 191801	7.4	32
95	Production and decay of $\chi(c)0$ at BABAR. <i>Physical Review Letters</i> , <b>2005</b> , 95, 142003	7.4	9
94	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , <b>2005</b> , 94, 141801	7.4	26
93	Improved measurements of CP-violating asymmetry amplitudes in $B^0 \rightarrow \pi^+\pi^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 151803	7.4	26
92	Measurement of branching fractions and charge asymmetries in $B^+$ decays to $\eta \pi^+$ , $\eta K^+$ , $\eta \rho^+$ , and $\eta' \pi^+$ , and search for $B^0$ decays to $\eta K^0$ and $\eta \omega$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 131803	7.4	16
91	Measurements of branching fractions and time-dependent CP-violating asymmetries in $B \rightarrow \eta' K$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 191802	7.4	36
90	Search for lepton flavor violation in the decay $\tau^{\pm} \rightarrow \mu^{\pm} \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 041802	7.4	121
89	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle $\alpha$ using $B^0(B) \rightarrow \rho^+\rho^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 041805	7.4	31
88	Evidence for $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$ , and measurement of the branching fraction and search for direct CP violation in $B^+ \rightarrow K^0 \pi^+$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 221801	7.4	8
87	Search for factorization-suppressed $B \rightarrow \chi(c) K^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 171801	7.4	11
86	Branching fractions and CP asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ , $B^+ \rightarrow \pi^+ \pi^0$ , and $B^+ \rightarrow K^+ \pi^0$ decays and isospin analysis of the $B \rightarrow \pi \pi$ system. <i>Physical Review Letters</i> , <b>2005</b> , 94, 181802	7.4	36
85	Search for decays of $B^0 \rightarrow e^+ e^-$ , $B^0 \rightarrow \mu^+ \mu^-$ , $B^0 \rightarrow e^+ \mu^- / \mu^+ e^-$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 221803	7.4	12
84	Search for the decay $B^+ \rightarrow K^+ \nu \nu$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 101801	7.4	34
83	Search for strange-pentaquark production in $e^+e^-$ annihilation at $\sqrt{s} = 10.58$ GeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 042002	7.4	27
82	Measurement of the Cabibbo-Kobayashi-Maskawa angle $\gamma$ in $B^+ \rightarrow D^* K^+$ decays with a Dalitz analysis of $D \rightarrow K^0(S) \pi^+ \pi^+$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 121802	7.4	65

81	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0B^0$ oscillations. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	36
80	Bound on the ratio of decay amplitudes for $-B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^*0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 081801	7.4	4
79	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	34
78	Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of $ V_{ub} $ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 071802	7.4	35
77	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} +/\pi^-/+$ decays and constraints on $\sin(2\beta + \gamma)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 251801	7.4	12
76	Study of the decay $B^0(B^-) \rightarrow \rho^+\rho^-$ , and constraints on the Cabibbo-Kobayashi-Maskawa angle $\alpha$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 231801	7.4	35
75	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^*0\gamma(K^*0 \rightarrow K(0)\pi^0)$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 201801	7.4	13
74	Measurement of branching fractions of color-suppressed decays of the $B^0$ meson to $D^{(*)}0\bar{0}$ , $D^{(*)}0\bar{0}D^{(*)}0\bar{0}$ and $D^0\bar{0}$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	20
73	Measurement of the branching fraction for $B_{\Xi} \rightarrow \Xi^0 K_{\Xi}$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	11
72	Search for lepton-flavor violation in the decay $\tau^- \rightarrow l^- l^+ l^-$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 121801	7.4	65
71	Measurements of CP-violating asymmetries in $B^0 \rightarrow K(0)(s)\pi^0$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 131805	7.4	18
70	Study of high momentum $\eta'$ production in $B \rightarrow \eta' X_s$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 061801	7.4	10
69	Search for $B^0$ decays to invisible final states and to $\nu\bar{\nu}\gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 091802	7.4	10
68	Observation of $B^0 \rightarrow \omega K^0$ , $B^{+-} \rightarrow \eta \pi^+$ , and $B^{+-} \rightarrow \eta K^+$ and study of related decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 061801	7.4	18
67	Observation of a narrow meson decaying to $D_s + D^*$ at a mass of $2.458\text{GeV}/c^2$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	71
66	Measurement of the $B^+/B^0$ production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	31
65	Searches for $B^0$ decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , <b>2004</b> , 93, 181806	7.4	11
64	Branching fractions and CP asymmetries in $B^0 \rightarrow K^+ K^- K^0 S$ and $B^{+-} \rightarrow K^+ K^0 S K^0 S$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 181805	7.4	15

63	Measurement of branching fractions and charge asymmetries in $B^+ \rightarrow \rho^+ \pi^0$ and $B^+ \rightarrow \rho^0 \pi^+$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 051802	7.4	24
62	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 021804	7.4	25
61	Observation of the decay $B^0 \rightarrow \mu^+ \mu^-$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	26
60	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$ <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	47
59	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , <b>2004</b> , 92, 181801	7.4	30
58	Search for the rare leptonic decay $B^+ \rightarrow \mu^+ \nu(\mu)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 221803	7.4	5
57	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 041801	7.4	50
56	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B^0 \rightarrow \omega \gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 111801	7.4	7
55	Measurement of the average $\Gamma$ multiplicity in B meson decay. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	1
54	Determination of the Branching Fraction for $B \rightarrow X_c \pi$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , <b>2004</b> , 93,	7.4	57
53	Measurements of branching fractions in $B \rightarrow \bar{K}^0$ and $B \rightarrow \bar{K}^*$ and search for direct CP violation in $B \rightarrow \bar{K}^0$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	17
52	Measurement of the $B^0 \rightarrow \phi K^0$ decay amplitudes. <i>Physical Review Letters</i> , <b>2004</b> , 93, 231804	7.4	66
51	Measurement of the branching fractions for inclusive $B \rightarrow \bar{D}^0$ and $B \rightarrow \bar{D}^+$ decays to flavor-tagged D, Ds, and $\bar{D}$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
50	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D^0 \rightarrow l^+ l^-$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 191801	7.4	14
49	Study of $B \rightarrow D^{(*)} s J \rightarrow D^{(*)}$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 181801	7.4	48
48	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 201802	7.4	12
47	Search for $D^0 \bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	20
46	Branching fraction measurements of $B \rightarrow \bar{B} K$ decays. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9

45	Search for $B^+ \rightarrow [K(-/+)\pi(+/-)](D)K^+/-$ and upper limit on the $b \rightarrow u$ amplitude in $B^+ \rightarrow DK^+/-$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 131804	7.4	5
44	Measurement of the branching fraction and polarization for the decay $B^+ \rightarrow D^0 K^+/-$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 141801	7.4	8
43	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , <b>2004</b> , 93, 071801	7.4	17
42	Direct CP violating asymmetry in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 131801	7.4	136
41	Measurement of $\sin 2\alpha$ with hadronic and previously unused muonic $J/\psi$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	2
40	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*+} \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 251802	7.4	12
39	Measurements of the branching fractions of charged B decays to $K^0 \pi^0$ final states. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	23
38	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	59
37	Measurement of the $B^0 \rightarrow K_2^*(1430)^0$ and $B^+ \rightarrow K_2^*(1430)^+ \pi^-$ branching fractions. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	24
36	Measurement of the branching fraction for $B^+ \rightarrow D^0 K^+ \pi^-$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	3
35	Search for the decay $B^0 \rightarrow J/\psi \pi^0$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
34	$J/\psi$ production via initial state radiation in $e^+ e^- \rightarrow \mu^+ \mu^- J/\psi$ at an $e^+ e^-$ center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	44
33	Measurement of the branching fractions and CP asymmetry of $B^+ \rightarrow D(0) K^+$ decays with the BABAR detector. <i>Physical Review Letters</i> , <b>2004</b> , 92, 202002	7.4	10
32	Search for the decay $B^0 \rightarrow \rho^+ \pi^-$ . <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	24
31	Measurements of the mass and width of the $\eta(c)$ meson and of an $\eta(c)(2S)$ candidate. <i>Physical Review Letters</i> , <b>2004</b> , 92, 142002	7.4	76
30	Measurement of the $B^0 \rightarrow J/\psi \pi^+ \pi^-$ branching fraction. <i>Physical Review Letters</i> , <b>2003</b> , 90, 091801	7.4	11
29	Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta' K$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 161801	7.4	33
28	Search for $D^0$ - $D^0(-)$ mixing and a measurement of the doubly Cabibbo-suppressed decay rate in $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 171801	7.4	36



27	Study of time-dependent CP asymmetry in neutral B decays to $J/\psi \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 061802	7.4	9
26	Observation of a narrow meson state decaying to $D^{(*)} \pi^0$ at a mass of 2.32 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2003</b> , 90, 242001	7.4	509
25	Observation of a significant excess of $\pi^0 \pi^0$ events in B meson decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 241801	7.4	34
24	Limits on $D^0$ - $\bar{D}^0$ mixing and CP violation from the ratio of lifetimes for decay to $K \pi^+$ , $K \pi^+$ , and $\pi^- \pi^+$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 121801	7.4	33
23	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^{(\pm)} h^{(\mp)}$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 201802	7.4	46
22	Measurement of the $B^0$ meson lifetime with partial reconstruction of $B^0 \rightarrow D^{*0} \pi^0$ and $B^0 \rightarrow D^{*0} \pi^+$ decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	5
21	Measurement of $B^0 \rightarrow D_s^{(*)} D^{*0}$ branching fractions and $B^0 \rightarrow D_s^{(*)} D^{*0}$ polarization with a partial reconstruction technique. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	14
20	Measurement of the branching fractions for the exclusive decays of $B^0$ and $B^+$ to $D^{(*)} D^{(*)} K$ . <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	21
19	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	24
18	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-} D^{-/+}$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 221801	7.4	15
17	Simultaneous measurement of the $B^0$ meson lifetime and mixing frequency with $B^0 \rightarrow D^{*0} \pi^0$ decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	10
16	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 171802	7.4	117
15	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element $V_{ub}$ with $B \rightarrow \rho \nu$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 90, 181801	7.4	22
14	Rare B decays into states containing a $J/\psi$ meson and a meson with $s^{(-)}$ quark content. <i>Physical Review Letters</i> , <b>2003</b> , 91, 071801	7.4	17
13	Study of the rare decays $B^0 \rightarrow D^{(*)+} (s) \pi^-$ and $B^0 \rightarrow D^{(*)-} (s) K^+$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 181801	7.4	23
12	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	59
11	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{(*)+} D^{(*)-}$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 131801	7.4	13
10	Observation of the decay $B^+ \rightarrow \pi^+ \pi^0$ , study of $B^+ \rightarrow K^+ \pi^0$ , and search for $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 021801	7.4	26

9	Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 051801	7.4	19
8	Evidence for $B^{+-} \rightarrow J/\psi p(-)\Lambda$ ; and search for $B^0 \rightarrow J/\psi p(-)p$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 231801	7.4	13
7	Operational experience with the DIRC detector. <i>IEEE Transactions on Nuclear Science</i> , <b>2002</b> , 49, 1071-1076	7.4	17
6	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with $B^0$ mesons. <i>Physical Review Letters</i> , <b>2002</b> , 89, 201802	7.4	228
5	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \pi^+\pi^-$ , $K^+\pi^-$ , $K^+K^-$ decays. <i>Physical Review Letters</i> , <b>2002</b> , 89, 281802	7.4	119
4	High-efficiency gene transfer into skeletal muscle mediated by electric pulses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 4262-7	11.5	789
3	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 399, 329-341	4.2	9
2	B physics in ATLAS. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1996</b> , 50, 303-310	4.2	1
1	Measurement of hadron and lepton-pair production from $e^+e^-$ annihilation at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 378, 373-384	4.2	18