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1	Barbu, D., Buse, C.; Tabassum, A.	Hyers-Ulam stability and discrete dichotomy	Journal of Mathematical Analysis and Applications Vol. 423 Issue:2 pp:1738-1752, DOI: 10.1016/j.jmaa.2014.10.082, ISSN: 0022-247X
2	Birtea, P., Comanescu, Dan	Hessian Operators on Constraint Manifolds	Journal of Nonlinear Science Vol.25 Issue:6, pp: 1285-1305, DOI: 10.1007/s00332-015-9256-7, ISSN: 0938-8974
3	Blaga R.,	One-photon pair production on the expanding de Sitter spacetime	Physical Review D, vol.92 Issue: 8 Article Number: 084054, DOI: 10.1103/PhysRevD.92.084054, ISSN: 1550-7998
4	Ciucanu I., Pilat L., Ciucanu C. I. et al.	Determination of Neutral Monosaccharides as Per-O-methylated Derivatives Directly from a Drop of Whole Blood by Gas	Analytical Chemistry vol.:87 Issue: 21 pp:10856-10861, DOI: 10.1021/acs.analchem.5b02252, ISSN: 0003-2700
5	Cotaescu I.I.	Acceleration in de Sitter spacetimes	EPL, vol.109 Issue:4 Article Number: 40002, DOI: 10.1209/0295-5075/109/40002, ISSN: 0295-5075
6	Craciunescu, C.; Ercuta, A.	Modulated interaction in double-layer shape memory-based micro-designed actuators	Science and Technology of Advanced Materials Vol.16 Issue: 6, ISSN: 1468-6996, DOI: 10.1088/1468-6996/16/6/065003
7	Csilik O., Evans I. S., Dragut, L.	Transformation (normalization) of slope gradient and surface curvatures, automated for statistical analyses from DEMs	Geomorphology, vol.232 pp. 65-77, DOI:10.1016/j.geomorph.2014.12.038 ISSN: 0169-555X
8	Gravila et al.	Determination of the Ratio of b-Quark Fragmentation Fractions $f(s)/f(d)$ in pp Collisions at root s=7 TeV with the ATLAS Detector	Physical Review Letters, vol. 115, Issue:26, Article Number:262001, DOI: 10.1103/PhysRevLett.115.262001, ISSN: 0031-9007
9	Gravila et al.	Measurement of the branching ratio $\Gamma(\text{Lambda}(0)(b) \rightarrow \text{Psi}(2S) \text{Lambda}(0)) / \Gamma(\text{Lambda}(0)(b) \rightarrow \text{J/Psi Lambda}(0))$ with the ATLAS detector	Physics Letters B, vol.751, pp: 63-80, DOI: 10.1016/j.physletb.2015.10.009, ISSN: 0370-2693
10	Gravila et al.	Measurement of the production of neighbouring jets in lead-lead collisions at root s(NN)=2.76 TeV with the ATLAS detector	Physics Letters B, vol. 751, pp. 376-395, DOI: 10.1016/j.physletb.2015.10.059, ISSN: 0370-2693
11	Gravila et al.	Measurement of four-jet differential cross sections in root s=8 TeV proton-proton collisions using the ATLAS detector	Journal of High Energy Physics, Issue: 12, Article Number:105, DOI: 10.1007/JHEP12(2015)105, ISSN: 1029-8479
12	Gravila et al.	Search for flavour-changing neutral current top quark decays $t \rightarrow \text{H}q$ in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics Issue:12, Article Number:061, DOI: 10.1007/JHEP12(2015)061, ISSN: 1029-8479
13	Gravila et al.	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at root s = TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 12, Article Number: 055, DOI: 10.1007/JHEP12(2015)055, ISSN: 1029-8479
14	Gravila et al.	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector	Journal of High Energy Physics Issue: 11, Article Number: 206 DOI: 10.1007/JHEP11(2015)206, ISSN: 1029-8479
15	Gravila et al.	Search for lepton-flavour-violating $H \rightarrow \mu\tau$ decays of the Higgs boson with the ATLAS detector	Journal of High Energy PHYSICS Issue: 11 Article Number: 211, DOI: 10.1007/JHEP11(2015)211, ISSN: 1029-8479
16	Gravila et al.	Measurement of the $t(\text{tover-bar}W)$ and $t(\text{tover-bar}Z)$ production cross sections in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 11, Article Number: 172, DOI: 10.1007/JHEP11(2015)172, ISSN: 1029-8479
17	Gravila et al.	Measurement of transverse energy-energy correlations in multi-jet events in pp collisions at root s=7 TeV using the ATLAS detector and determination of the strong coupling constant $\alpha_s(m_Z)$	Physics Letters B, vol.750, pp. 427-447, DOI: 10.1016/j.physletb.2015.09.050, ISSN: 0370-2693
18	Gravila et al.	Measurement of colour flow with the jet pull angle in $t(\text{tover-bar}b)$ events using the ATLAS detector at root s=8 TeV	Physics Letters B, vol.750, pp. 475-493, DOI: 10.1016/j.physletb.2015.09.051, ISSN: 0370-2693
19	Gravila et al.	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider	European Physical Journal C, vol.75, Issue: 10, Article Number:510 DOI:10.1140/epjc/s10052-015-3726-9, ISSN:1434-6044
20	Gravila et al.	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 10, Article Number:150, DOI: 10.1007/JHEP10(2015)150, ISSN: 1029-8479
21	Gravila et al.	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1-interpreted in the phenomenological MSSM	Journal of High Energy Physics, Issue: 10, Article Number: 134, DOI:10.1007/JHEP10(2015)134, ISSN: 1029-8479
22	Gravila et al.	Determination of the top-quark pole mass using $t(\text{tover-bar}b+1\text{-jet})$ events collected with the ATLAS experiment in 7 TeV pp collisions	Journal of High Energy Physics, Issue: 10, Article Number: 121, DOI: 10.1007/JHEP10(2015)121, ISSN:1029-8479
23	Gravila et al.	Summary of the searches for squarks and gluinos using root s=8 TeV pp collisions with the ATLAS experiment at the LHC	Journal of High Energy Physics, Issue: 10, DOI: 10.1007/JHEP10(2015)054, ISSN: 1029-8479
24	Gravila et al.	Measurement of exclusive $\gamma\gamma \rightarrow l^+l^-$ production in proton-proton collisions at root s=7 TeV with the ATLAS detector	Physics Letters B, vol. 749, pp. 242-261, DOI: 10.1016/j.physletb.2015.07.069, ISSN: 0370-2693
25	Gravila et al.	Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector	Physics Letters B, vol.749, pp 519-541, DOI: 10.1016/j.physletb.2015.07.079, ISSN: 0370-2693
26	Gravila et al.	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 10, DOI: 10.1140/epjc/s10052-015-3685-1, ISSN: 1434-6044
27	Gravila et al.	Two-particle Bose-Einstein correlations in pp collisions at root s=0.9 and 7 TeV measured with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 10, DOI: 10.1140/epjc/s10052-015-3644-x, ISSN: 1434-6044
28	Gravila et al.	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in pp Collisions at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol.115, Issue: 13, Article Number: 131801, DOI: 10.1103/PhysRevLett.115.131801, ISSN: 0031-9007
29	Gravila et al.	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number:108, DOI: 10.1007/JHEP09(2015)108, ISSN: 1029-8479
30	Gravila et al.	Search for Higgs boson pair production in the $b(\text{tover-bar}b)b(\text{tover-bar}b)$ final state from pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 9, Article Number: 412, DOI: 10.1140/epjc/s10052-015-3628-x, ISSN: 1434-6044
31	Gravila et al.	Measurement of charged-particle spectra in Pb plus Pb collisions at root s(NN)=2.76 TeV with the ATLAS detector at the LHC	Journal of High Energy Physics, Issue: 9, Article Number: 050, DOI: 10.1007/JHEP09(2015)050, ISSN: 1029-8479
32	Gravila et al.	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at root s=7 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number: 04, DOI: 10.1007/JHEP09(2015)049, ISSN: 1029-8479
33	Gravila et al.	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at root s=8 TeV using the ATLAS experiment	European Physical Journal C, vol. 75, Issue: 9, DOI: 10.1140/epjc/s10052-015-3609-0, ISSN: 1434-6044
34	Gravila et al.	Centrality and rapidity dependence of inclusive jet production in root(NN)-N-S=5.02 TeV proton-lead collisions with the ATLAS detector	Physics Letters B, vol. 748, pp. 392-413, DOI: 10.1016/j.physletb.2015.07.023, ISSN: 0370-2693
35	Gravila et al.	A search for $t(\text{tover-bar}b)$ resonances using lepton-plus-jets events in proton-proton collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 148, DOI: 10.1007/JHEP08(2015)148, ISSN: 1029-8479
36	Gravila et al.	Study of $(W/Z)H$ production and Higgs boson couplings using $H \rightarrow WW^*$ decays with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number:137, DOI: 10.1007/JHEP08(2015)137, ISSN: 1029-8479
37	Gravila et al.	Search for new phenomena in events with three or more charged leptons in pp collisions at TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 138, DOI: 10.1007/JHEP08(2015)138, ISSN: 1029-8479
38	Gravila et al.	Measurements of the Total and Differential Higgs Boson Production Cross Sections Combining the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ^* \rightarrow 4l$ Decay Channels at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol. 115, Issue: 9, Article Number: 09180, DOI: 10.1103/PhysRevLett.115.091801, ISSN: 0031-9007
39	Gravila et al.	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 105, DOI: 10.1007/JHEP08(2015)105, ISSN: 1029-8479
40	Gravila et al.	Search for heavy long-lived multi-charged particles in pp collisions at root s=8 TeV using the ATLAS detector	European Physical Journal C, vol.75, Issue: 8, Article Number: 362, DOI: 10.1140/epjc/s10052-015-3534-2, ISSN: 1434-6044
41	Gravila et al.	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at root s=8 TeV	Journal of High Energy Physics, Issue: 7, Article Number: 162, DOI: 10.1007/JHEP07(2015)162, ISSN: 1029-8479
42	Gravila et al.	A search for high-mass resonances decaying to $\tau^+\tau^-$ in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 7, Article Number: 157, DOI: 10.1007/JHEP07(2015)157, ISSN: 1029-8479
43	Gravila et al.	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into in collisions at with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 7, Article Number: 349, DOI: 10.1140/epjc/s10052-015-3543-1, ISSN: 1434-6044

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44	Gravila et.al	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 7, Article Number: 337, DOI: 10.1140/epjc/s10052-015-3551-1, ISSN: 1434-6044
45	Gravila et.al	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 7, Article Number: 335, DOI: 10.1140/epjc/s10052-015-3542-2, ISSN: 1434-6044
46	Gravila et.al	Measurement of the top quark mass in the $t(\bar{t})$ over lepton plus jets and $t(\bar{t})$ over dilepton channels using root s=7 TeV ATLAS data	European Physical Journal C, vol. 75, Issue: 7, Article Number: 330, DOI: 10.1140/epjc/s10052-015-3544-0 ISSN: 1434-6044
47	Gravila et.al	Evidence of W gamma gamma Production in pp Collisions at root s=8 TeV and Limits on Anomalous Quartic Gauge Couplings with the ATLAS Detector	Physical Review Letters, vol. 115, Issue: 3, Article Number: 031802, DOI: 10.1103/PhysRevLett.115.031802, ISSN: 0031-9007
48	Gravila et.al	Search for a Heavy Neutral Particle Decaying to e mu, e tau, or mu tau in pp Collisions at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol.115, Issue: 3, Article Number: 031801, DOI: 10.1103/PhysRevLett.115.031801 ISSN: 0031-9007
49	Gravila et.al	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in root s=8TeV pp collisions with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 7, Article Number: 318, DOI: 10.1140/epjc/s10052-015-3518-2 ISSN: 1434-6044
50	Gravila et.al	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at root s=8 TeV	Journal of High Energy Physics, Issue: 7, Article Number: 032, DOI: 10.1007/JHEP07(2015)032, ISSN: 1029-8479
51	Gravila et.al	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at root s=8 TeV	European Physical Journal C, vol. 75, Issue: 7, Article Number: 303, DOI: 10.1140/epjc/s10052-015-3500-z ISSN: 1434-6044
52	Gravila et.al	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $ll\nu\nu$ plus $b(\bar{b})$ over-bar final states with the ATLAS detector	European Physical Journal C vol. 75, Issue: 6, Article Number: 263 DOI: 10.1140/epjc/s10052-015-3474-x, ISSN: 1434-6044
53	Gravila et.al	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at root s=7 TeV in the ATLAS detector	Journal of High Energy Physics, Issue: 6, Article Number: UNSP 100, DOI: 10.1007/JHEP06(2015)100, ISSN: 1029-8479
54	Gravila et.al	Search for a Charged Higgs Boson Produced in the Vector-Boson Fusion Mode with Decay $H^{\pm} \rightarrow W(\pm)Z$ using pp Collisions at root s=8 TeV with the ATLAS Experiment	Physical Review Letters, vol. 114, Issue: 23, Article Number: 231801, DOI: 10.1103/PhysRevLett.114.231801 ISSN: 0031-9007
55	Gravila et.al	Search for New Phenomena in Dijet Angular Distributions in Proton-Proton Collisions at root s=8 TeV Measured with the ATLAS Detector	Physical Review Letters, vol. 114, Issue: 22, Article Number: 221802 DOI: 10.1103/PhysRevLett.114.221802 ISSN: 0031-9007
56	Gravila et.al	Determination of spin and parity of the Higgs boson in the $WW^* \rightarrow e\nu\mu\nu$ decay channel with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: UNSP 231, DOI: 10.1140/epjc/s10052-015-3436-3, ISSN: 1434-6044
57	Gravila et.al	Observation and measurements of the production of prompt and non-prompt J/psi mesons in association with a Z boson in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: 229, DOI: 10.1140/epjc/s10052-015-3406-9 ISSN: 1434-6044
58	Gravila et.al	Measurement of three-jet production cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: 228, DOI: 10.1140/epjc/s10052-015-3363-3, ISSN: 1434-6044
59	Gravila et.al	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at root s=7 TeV using the ATLAS detector	Journal of High Energy Physics, Issue: 5, Article Number: 061, DOI: 10.1007/JHEP05(2015)061, ISSN: 1029-8479
60	Gravila et.al	Search for production of WW/WZ resonances decaying to a lepton, neutrino and jets in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: 209, DOI: 10.1140/epjc/s10052-015-3425-6, ISSN: 1434-6044
61	Gravila et.al	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in root s=8 TeV pp collisions with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: UNSP 208, DOI: 10.1140/epjc/s10052-015-3408-7, ISSN: 1434-6044
62	Gravila et.al	Search for a CP-odd Higgs boson decaying to Zh in pp collisions at root s=8 TeV with the ATLAS detector	Physics Letters B, vol. 744, pp.163-183, DOI: 10.1016/j.physletb.2015.03.054 ISSN: 0370-2693
63	Gravila et.al	Search for $W^{\pm} \rightarrow tb \rightarrow q\bar{q}bb$ decays in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 4, Article Number: 165, DOI: 10.1140/epjc/s10052-015-3372-2, ISSN: 1434-6044
64	Gravila et.al	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at root s=7 TeV	European Physical Journal C, vol. 75, Issue: 4, Article Number: 158, DOI: 10.1140/epjc/s10052-015-3373-1 ISSN: 1434-6044
65	Gravila et.al	Search for Scalar Charm Quark Pair Production in pp Collisions at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol. 114, Issue: 16, Article Number: 161801, DOI: 10.1103/PhysRevLett.114.161801, ISSN: 0031-9007
66	Gravila et.al	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector	Journal of High Energy Physics, Issue: 4, Article Number: 117, DOI: 10.1007/JHEP04(2015)117, ISSN: 1029-8479
67	Gravila et.al	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 4, Article Number: UNSP 116, DOI: 10.1007/JHEP04(2015)116, ISSN: 1029-8479
68	Gravila et.al	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at root s=8 TeV	Physics Letters B, vol: 743, pp. 15-34, DOI: 10.1016/j.physletb.2015.02.015 ISSN: 0370-2693
69	Gravila et.al	Search for $W^{\pm} \rightarrow t(\bar{b})$ over-bar in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of root s=8 TeV with the ATLAS detector	Physics Letters B, vol. 743, pp. 235-255 DOI: 10.1016/j.physletb.2015.02.051, ISSN: 0370-2693
70	Gravila et.al	Measurement of Spin Correlation in Top-Antitop Quark Events and Search for Top Squark Pair Production in pp Collisions at root s=8 TeV Using the ATLAS Detector	Physical Review Letters, vol. 114, Issue: 14, Article Number: 142001, DOI: 10.1103/PhysRevLett.114.142001, ISSN: 0031-9007
71	Gravila et.al	Search for Higgs and Z Boson Decays to J/psi gamma and Upsilon(nS)gamma with the ATLAS Detector	Physical Review Letters, Vol.114, Issue: 12, Article Number: 121801, DOI: 10.1103/PhysRevLett.114.121801, ISSN: 0031-9007
72	Gravila et.al	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tau(\pm)\nu$ in fully hadronic final states using pp collision data at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 3, Article Number: 088, DOI: 10.1007/JHEP03(2015)088, ISSN: 1029-8479
73	Gravila et.al	Performance of the ATLAS muon trigger in pp collisions at root s=8 TeV	European Physical Journal C vol.75, Issue: 3, Article Number: 120, DOI: 10.1140/epjc/s10052-015-3325-9, ISSN: 1434-6044
74	Gravila et.al	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with root s=8 TeV pp collisions using the ATLAS detector	Journal of High Energy Physics, Issue: 3, Article Number: 041, DOI: 10.1007/JHEP03(2015)041, ISSN: 1029-8479
75	Gravila et.al	Search for Higgs Boson Pair Production in the gamma gamma $b(\bar{b})$ over-bar Final State Using pp Collision Data at root s=8 TeV from the ATLAS Detector	Physical Review Letters, vol. 114, Issue: 8, Article Number: 081802, DOI: 10.1103/PhysRevLett.114.081802 ISSN: 0031-9007
76	Gravila et.al	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector	European Physical Journal C, vol.75, Issue: 2, DOI: 10.1140/epjc/s10052-015-3306-z ISSN: 1434-6044,
77	Gravila et.al	Measurement of the inclusive jet cross-section in proton-proton collisions at root s=7 TeV using 4.5 fb ⁻¹ of data with the ATLAS detector	Journal of High Energy Physics, Issue: 2, Article Number: 153, DOI: 10.1007/JHEP02(2015)153 ISSN: 1029-8479
78	Gravila et.al	Measurements of the Nuclear Modification Factor for Jets in Pb plus Pb Collisions at root SNN=2.76 TeV with the ATLAS Detector	Physical Review Letters, vol.114, Issue: 7, Article Number: 072302, DOI: 10.1103/PhysRevLett.114.072302, ISSN: 0031-9007
79	Gravila et.al	Measurements of the W production cross sections in association with jets with the ATLAS detector	European Physical Journal C, vol.75, Issue: 2, Article Number: 82, DOI: 10.1140/epjc/s10052-015-3262-7, ISSN: 1434-6044
80	Gravila et.al	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 2, Article Number: 79, DOI: 10.1140/epjc/s10052-015-3261-8 ISSN: 1434-6044

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81	Gravila et.al	Search for resonant diboson production in the $l\bar{l}q(q)\bar{q}$ final state in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 2, Article Number: 69, DOI: 10.1140/epjc/s10052-015-3261-8 ISSN: 1434-6044
82	Gravila et.al	Measurement of the production and lepton charge asymmetry of W bosons in Pb plus Pb collisions at root s(NN)=2.76 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 1, Article Number: 23, DOI: 10.1140/epjc/s10052-014-3231-6, ISSN: 1434-6044
83	Gravila et.al	Jet energy measurement and its systematic uncertainty in proton-proton collisions at root s=7 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 1, article Number: 17, DOI: 10.1140/epjc/s10052-014-3190-y, ISSN: 1434-6044
84	Gravila et.al	Search for the b(b)over-bar decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector	Journal of High Energy Physics, Issue: 1, Article Number: 069, DOI: 10.1007/JHEP01(2015)069, ISSN: 1029-8479
85	Gravila et.al	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at root s=8 TeV	Journal of High Energy Physics, Issue: 1, Article Number: 068, DOI: 10.1007/JHEP01(2015)068, ISSN: 1029-8479
86	Gravila et.al	Measurement of the WW plus WZ 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 root s=7 TeV	Journal of High Energy Physics, Issue: 1, Article Number: 049, DOI: 10.1007/JHEP01(2015)049, ISSN: 1029-8479
87	Gravila et.al	Measurement of the t(t)over-bar production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector	Journal of High Energy Physics, Issue: 1, pp. 1-67, DOI: 10.1007/JHEP01(2015)020, ISSN: 1029-8479
88	Gravila et.al	Search for s-channel single top-quark production in proton-proton collisions at root s=8 TeV with the ATLAS detector	Physics Letters B, vol.740, pp.118-136, DOI: 10.1016/j.physletb.2014.11.042, ISSN: 0370-2693
89	Gravila et.al	Search for the X-b and other hidden-beauty states in the pi(+)-pi(-)-gamma(1S) channel at ATLAS	Physics Letters B, vol. 740, pp.199-217, DOI: 10.1016/j.physletb.2014.11.055, ISSN: 0370-2693
90	Gravila et.al	Search for H -> gamma gamma produced in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector	Physics Letters B, vol.740, pp. 222-242, DOI: 10.1016/j.physletb.2014.11.049, ISSN: 0370-2693
91	Gravila et.al	Determination of the Ratio of b-Quark Fragmentation Fractions f(s)/f(d) in pp Collisions at root s=7 TeV with the ATLAS Detector	Physical Review Letters, vol. 115, Issue: 26, Article Number: 262001, DOI: 10.1103/PhysRevLett.115.262001, ISSN: 0031-9007
92	Gravila et.al	Measurement of the branching ratio Gamma(Lambda(0)(b) -> Psi(2S)Lambda(0)))/Gamma(Lambda(0)(b) -> J/Psi Lambda(0)) with the ATLAS detector	Physics Letters B, vol. 751, pp. 63-80, DOI: 10.1016/j.physletb.2015.10.009, ISSN: 0370-2693
93	Gravila et.al	Measurement of the production of neighbouring jets in lead-lead collisions at root s(NN)=2.76 TeV with the ATLAS detector	Physics Letters B, vol. 751, pp. 376-395, DOI: 10.1016/j.physletb.2015.10.059, ISSN: 0370-2693
94	Gravila et.al	Measurement of four-jet differential cross sections in root s=8 TeV proton-proton collisions using the ATLAS detector	Journal of High Energy Physics, Issue: 12, Article Number: 105, DOI: 10.1007/JHEP12(2015)105, ISSN: 1029-8479
95	Gravila et.al	Search for flavour-changing neutral current top quark decays t -> Hq in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 12, Article Number: 061, DOI: 10.1007/JHEP12(2015)061, ISSN: 1029-8479
96	Gravila et.al	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at root s = TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 12, Article Number: 055, DOI: 10.1007/JHEP12(2015)055, ISSN: 1029-8479
97	Gravila et.al	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector	Journal of High Energy Physics, Issue: 11, Article Number: 206, DOI: 10.1007/JHEP11(2015)206, ISSN: 1029-8479
98	Gravila et.al	Search for lepton-flavour-violating H -> mu tau decays of the Higgs boson with the ATLAS detector	Journal of High Energy Physics, Issue: 11, Article Number: 211, DOI: 10.1007/JHEP11(2015)211, ISSN: 1029-8479
99	Gravila et.al	Measurement of the t(t)over-barW and t(t)over-barZ production cross sections in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 11, Article Number: 172, DOI: 10.1007/JHEP11(2015)172, ISSN: 1029-8479
100	Gravila et.al	Measurement of transverse energy-energy correlations in multi-jet events in pp collisions at root s=7 TeV using the ATLAS detector and determination of the strong coupling constant alpha(s)(m(Z))	Physics Letters B, vol.750 Pages: 427-447, DOI: 10.1016/j.physletb.2015.09.050 ISSN: 0370-2693
101	Gravila et.al	Measurement of colour flow with the jet pull angle in t(t)over-bar events using the ATLAS detector at root s=8 TeV	Physics Letters B, vol. 750, pp. 475-493, DOI: 10.1016/j.physletb.2015.09.051, ISSN: 0370-2693
102	Gravila et.al	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider	European Physical Journal C, vol. 75, Issue: 10, Article Number: 510, DOI: 10.1140/epjc/s10052-015-3726-9, ISSN: 1434-6044
103	Gravila et.al	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 10, Article Number: 150, DOI: 10.1007/JHEP10(2015)150, ISSN: 1029-8479
104	Gravila et.al	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1-interpreted in the phenomenological MSSM	Journal of High Energy Physics, Issue: 10, Article Number: 134, DOI: 10.1007/JHEP10(2015)134, ISSN: 1029-8479
105	Gravila et.al	Determination of the top-quark pole mass using t(t)over-bar+1-jet events collected with the ATLAS experiment in 7 TeV pp collisions	Journal of High Energy Physics, Issue: 10, Article Number: 121, DOI: 10.1007/JHEP10(2015)121, ISSN: 1029-8479
106	Gravila et.al	Summary of the searches for squarks and gluinos using root s=8 TeV pp collisions with the ATLAS experiment at the LHC	Journal of High Energy Physics, Issue: 10, DOI: 10.1007/JHEP10(2015)054, ISSN: 1029-8479
107	Gravila et.al	Measurement of exclusive gamma gamma -> l(+)-l(-) production in proton-proton collisions at root s=7 TeV with the ATLAS detector	Physics Letters B, vol.749, pp. 242-261, DOI: 10.1016/j.physletb.2015.07.069, ISSN: 0370-2693
108	Gravila et.al	Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector	Physics Letters B, vol.749, pp. 519-541, DOI: 10.1016/j.physletb.2015.07.079, ISSN: 0370-2693
109	Gravila et.al	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector	European Physical Journal C, vol.75, Issue:10, DOI: 10.1140/epjc/s10052-015-3685-1, ISSN: 1434-6044
110	Gravila et.al	Two-particle Bose-Einstein correlations in pp collisions at root s=0.9 and 7 TeV measured with the ATLAS detector	European Physical Journal C, vol.75, Issue: 10, DOI: 10.1140/epjc/s10052-015-3644-x, ISSN: 1434-6044
111	Gravila et.al	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in pp Collisions at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol. 115, Issue: 13, Article Number: 131801, DOI: 10.1103/PhysRevLett.115.131801 ISSN: 0031-9007
112	Gravila et.al	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number: 108, DOI: 10.1007/JHEP09(2015)108, ISSN: 1029-8479
113	Gravila et.al	Search for Higgs boson pair production in the b(b)over-barb(b)over-bar final state from pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 9, Article Number: 412, DOI: 10.1140/epjc/s10052-015-3628-x ISSN: 1434-6044
114	Gravila et.al	Measurement of charged-particle spectra in Pb plus Pb collisions at root s(NN)=2.76 TeV with the ATLAS detector at the LHC	Journal of High Energy Physics, Issue: 9, Article Number: 050, DOI: 10.1007/JHEP09(2015)050, ISSN: 1029-8479
115	Gravila et.al	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at root s=7 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number: 04, DOI: 10.1007/JHEP09(2015)049, ISSN: 1029-8479
116	Gravila et.al	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at root s=8 TeV using the ATLAS experiment	European Physical Journal C, vol.75, Issue: 9, DOI: 10.1140/epjc/s10052-015-3609-0, ISSN: 1434-6044
117	Gravila et.al	Centrality and rapidity dependence of inclusive jet production in root(NN)-N-S=5.02 TeV proton-lead collisions with the ATLAS detector	Physics Letters B, vol.748, pp. 392-413, DOI: 10.1016/j.physletb.2015.07.023, ISSN: 0370-2693
118	Gravila et.al	A search for t(t)over-bar resonances using lepton-plus-jets events in proton-proton collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 148, DOI: 10.1007/JHEP08(2015), ISSN: 1029-8479

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119	Gravila et.al	Study of W/Z production and Higgs boson couplings using $H \rightarrow WW^*$ decays with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 137, DOI: 10.1007/JHEP08(2015)137, ISSN: 1029-8479
120	Gravila et.al	Search for new phenomena in events with three or more charged leptons in pp collisions at TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 138, DOI: 10.1007/JHEP08(2015)138, ISSN: 1029-8479
121	Gravila et.al	Measurements of the Total and Differential Higgs Boson Production Cross Sections Combining the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ^* \rightarrow 4l$ Decay Channels at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol. 115, Issue: 9, Article Number: 09180, DOI: 10.1103/PhysRevLett.115.09180, ISSN: 0031-9007
122	Gravila et.al	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 105, DOI: 10.1007/JHEP08(2015), ISSN: 1029-8479
123	Gravila et.al	Search for heavy long-lived multi-charged particles in pp collisions at root s=8 TeV using the ATLAS detector	European Physical Journal C, vol. 75, Issue: 8, Article Number: 362, DOI: 10.1140/epjc/s10052-015-3534-2, ISSN: 1434-6044
124	Gravila et.al	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at root s=8 TeV	Journal of High Energy Physics, Issue: 7, Article Number: 162, DOI: 10.1007/JHEP07(2015)162, ISSN: 1029-8479
125	Gravila et.al	A search for high-mass resonances decaying to $\tau^+\tau^-$ in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 7, Article Number: 157, DOI: 10.1007/JHEP07(2015), ISSN: 1029-8479
126	Gravila et.al	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into in collisions at with the ATLAS detector	European Physical Journal C, vol. Issue: 7, Article Number: 349, DOI: 10.1140/epjc/s10052-015-3543-1, ISSN: 1434-6044
127	Gravila et.al	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in pp collisions at, root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 7, Article Number: 337, DOI: 10.1140/epjc/s10052-015-3551-1, ISSN: 1434-6044
128	Gravila et.al	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 7, Article Number: 335, DOI: 10.1140/epjc/s10052-015-3542-2, ISSN: 1434-6044
129	Gravila et.al	Measurement of the top quark mass in the $t(\bar{t})$ lepton plus jets and $t(\bar{t})$ dilepton channels using root s=7 TeV ATLAS data	European Physical Journal C, vol. 75, Issue: 7, Article Number: 330, DOI: 10.1140/epjc/s10052-015-3544-0, ISSN: 1434-6044
130	Gravila et.al	Evidence of W gamma gamma Production in pp Collisions at root s=8 TeV and Limits on Anomalous Quartic Gauge Couplings with the ATLAS Detector	Physical Review Letters, vol.115, Issue: 3, Article Number: 031802, DOI: 10.1103/PhysRevLett.115.031802, ISSN: 0031-9007
131	Gravila et.al	Search for a Heavy Neutral Particle Decaying to $e\mu$, $e\tau$, or $\mu\tau$ in pp Collisions at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol.115, Issue: 3, Article Number: 031801, DOI: 10.1103/PhysRevLett.115.031801, ISSN: 0031-9007
132	Gravila et.al	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in root s=8TeV pp collisions with the ATLAS detector	European Physical Journal C, vol.75, Issue: 7, Article Number: 318, DOI: 10.1140/epjc/s10052-015-3518-2, ISSN: 1434-6044
133	Gravila et.al	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at root s=8 TeV	Journal of High Energy Physics, Issue: 7, Article Number: 032, DOI: 10.1007/JHEP07(2015)032, ISSN: 1029-8479
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136	Gravila et.al	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at root s=7 TeV in the ATLAS detector	Journal of High Energy Physics, Issue: 6, Article Number: UNSP 100, DOI: 10.1007/JHEP06(2015)100, ISSN: 1029-8479
137	Gravila et.al	Search for a Charged Higgs Boson Produced in the Vector-Boson Fusion Mode with Decay $H^{\pm} \rightarrow W^{\pm}Z$ using pp Collisions at root s=8 TeV with the ATLAS Experiment	Physical Review Letters, vol.114, Issue: 23, Article Number: 231801, DOI: 10.1103/PhysRevLett.114.231801, ISSN: 0031-9007
138	Gravila et.al	Search for New Phenomena in Dijet Angular Distributions in Proton-Proton Collisions at root s=8 TeV Measured with the ATLAS Detector	Physical Review Letters, vol.114, Issue: 22, Article Number: 221802, DOI: 10.1103/PhysRevLett.114.221802, ISSN: 0031-9007
139	Gravila et.al	Determination of spin and parity of the Higgs boson in the $WW^* \rightarrow e\nu\mu\nu$ decay channel with the ATLAS detector	European Physical Journal C, vol.75, Issue: 5, Article Number: UNSP 231, DOI: 10.1140/epjc/s10052-015-3436-3, ISSN: 1434-6044
140	Gravila et.al	Observation and measurements of the production of prompt and non-prompt J/ψ mesons in association with a Z boson in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: 229, DOI: 10.1140/epjc/s10052-015-3406-9, ISSN: 1434-6044
141	Gravila et.al	Measurement of three-jet production cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector	European Physical Journal C vol.75, Issue: 5, Article Number: 228, DOI: 10.1140/epjc/s10052-015-3363-3, ISSN: 1434-6044
142	Gravila et.al	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at root s=7 TeV using the ATLAS detector	Journal of High Energy Physics, Issue: 5, Article Number: 061, DOI: 10.1007/JHEP05(2015)061, ISSN: 1029-8479
143	Gravila et.al	Search for production of WW/Z resonances decaying to a lepton, neutrino and jets in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: 209, DOI: 10.1140/epjc/s10052-015-3425-6, ISSN: 1434-6044
144	Gravila et.al	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in root s=8 TeV pp collisions with the ATLAS detector	European Physical Journal C, vol. 75, Issue: 5, Article Number: UNSP 208, DOI: 10.1140/epjc/s10052-015-3408-7, ISSN: 1434-6044
145	Gravila et.al	Search for a CP-odd Higgs boson decaying to Zh in pp collisions at root s=8 TeV with the ATLAS detector	Physics Letters B, vol. 744, pp.163-183, DOI: 10.1016/j.physletb.2015.03.054, ISSN: 0370-2693
146	Gravila et.al	Search for $W' \rightarrow t\bar{b}$ decays in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol.75, Issue: 4, Article Number: 165, DOI: 10.1140/epjc/s10052-015-3372-2, ISSN: 1434-6044
147	Gravila et.al	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at root s=7 TeV	European Physical Journal C, vol.75, Issue: 4, Article Number: 158, DOI: 10.1140/epjc/s10052-015-3373-1, ISSN: 1434-6044
148	Gravila et.al	Search for Scalar Charm Quark Pair Production in pp Collisions at root s=8 TeV with the ATLAS Detector	Physical Review Letters, vol. 114, Issue: 16, Article Number: 161801, DOI: 10.1103/PhysRevLett.114.161801, ISSN: 0031-9007
149	Gravila et.al	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector	Journal of High Energy Physics, Issue: 4, Article Number: 117, DOI: 10.1007/JHEP04(2015)117, ISSN: 1029-8479
150	Gravila et.al	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 4, Article Number: UNSP 116, DOI: 10.1007/JHEP04(2015)116, ISSN: 1029-8479
151	Gravila et.al	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at root s=8 TeV	Physics Letters B, vol.743, pp.15-34, DOI: 10.1016/j.physletb.2015.02.015 ISSN: 0370-2693
152	Gravila et.al	Search for $W' \rightarrow t(\bar{b})$ in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of root s=8 TeV with the ATLAS detector	Physics Letters B, vol.743, pp.235-255 DOI: 10.1016/j.physletb.2015.02.051 ISSN: 0370-2693
153	Gravila et.al	Measurement of Spin Correlation in Top-Antitop Quark Events and Search for Top Squark Pair Production in pp Collisions at root s=8 TeV Using the ATLAS Detector	Physical Review Letters, vol.114, Issue: 14, Article Number: 142001, DOI: 10.1103/PhysRevLett.114.142001, ISSN: 0031-9007
154	Gravila et.al	Search for Higgs and Z Boson Decays to J/ψ gamma and $Upsilon(nS)$ gamma with the ATLAS Detector	Physical Review Letters, vol.114, Issue: 12, Article Number: 121801, DOI: 10.1103/PhysRevLett.114.121801, ISSN: 0031-9007
155	Gravila et.al	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tau^+(\mp)\nu$ in fully hadronic final states using pp collision data at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 3, Article Number: 088, DOI: 10.1007/JHEP03(2015)088, ISSN: 1029-8479

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156	Gravila et.al	Performance of the ATLAS muon trigger in pp collisions at root s=8 TeV	European Physical Journal C , vol. 75, Issue: 3, Article Number: 120, DOI: 10.1140/epjc/s10052-015-3325-9, ISSN: 1434-6044
157	Gravila et.al	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with root s=8 TeV pp collisions using the ATLAS detector	Journal of High Energy Physics, Issue: 3, Article Number: 041, DOI: 10.1007/JHEP03(2015)041, ISSN: 1029-8479
158	Gravila et.al	Search for Higgs Boson Pair Production in the gamma gamma b(b)over-bar Final State Using pp Collision Data at root s=8 TeV from the ATLAS Detector	Physical Review Letters, vol.114, Issue: 8, Article Number: 081802, DOI: 10.1103/PhysRevLett.114.081802, ISSN: 0031-9007
159	Gravila et.al	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector	European Physical Journal C , vol.75, Issue: 2, DOI: 10.1140/epjc/s10052-015-3306-z, ISSN: 1434-6044
160	Gravila et.al	Measurement of the inclusive jet cross-section in proton-proton collisions at root s=7 TeV using 4.5 fb ⁻¹ of data with the ATLAS detector	Journal of High Energy Physics, Issue: 2, Article Number: 153, DOI: 10.1007/JHEP02(2015)153, ISSN: 1029-8479
161	Gravila et.al	Measurements of the Nuclear Modification Factor for Jets in Pb plus Pb Collisions at root SNN=2.76 TeV with the ATLAS Detector	Physical Review Letters, vol.114, Issue: 7, Article Number: 072302, DOI: 10.1103/PhysRevLett.114.072302, ISSN: 0031-9007
162	Gravila et.al	Measurements of the W production cross sections in association with jets with the ATLAS detector	European Physical Journal C , vol.75, Issue: 2, Article Number: 82, DOI: 10.1140/epjc/s10052-015-3262-7, ISSN: 1434-6044
163	Gravila et.al	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C , vol.75, Issue: 2, Article Number: 79, DOI: 10.1140/epjc/s10052-015-3261-8, ISSN: 1434-6044
164	Gravila et.al	Search for resonant diboson production in the llq(q)over-bar final state in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C vol.75, Issue: 2, Article Number: 69, DOI: 10.1140/epjc/s10052-015-3261-8, ISSN: 1434-6044
165	Gravila et.al	Measurement of the production and lepton charge asymmetry of W bosons in Pb plus Pb collisions at root s(NN)=2.76 TeV with the ATLAS detector	European Physical Journal C , vol. 75, Issue:1, Article Number: 23, DOI: 10.1140/epjc/s10052-014-3231-6, ISSN: 1434-6044
166	Gravila et.al	Jet energy measurement and its systematic uncertainty in proton-proton collisions at root s=7 TeV with the ATLAS detector	European Physical Journal C vol. 75, Issue:1, Article Number: 17, DOI: 10.1140/epjc/s10052-014-3190-y, ISSN: 1434-6044
167	Gravila et.al	Search for the b(b)over-bar decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector	Journal of High Energy Physics, Issue: 1, Article Number: 069, DOI: 10.1007/JHEP01(2015)069, ISSN: 1029-8479
168	Gravila et.al	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at root s=8 TeV	Journal of High Energy Physics, Issue: 1, Article Number: 068, DOI: 10.1007/JHEP01(2015)068, ISSN: 1029-8479
169	Gravila et.al	Measurement of the WW plus WZ 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 root s=7 TeV	Journal of High Energy Physics, Issue: 1, Article Number: 049, DOI: 10.1007/JHEP01(2015)049, ISSN: 1029-8479
170	Gravila et.al	Measurement of the t(t)over-bar production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector	Journal of High Energy Physics, Issue: 1, pp.1-67, DOI: 10.1007/JHEP01(2015)020, ISSN: 1029-8479
171	Gravila et.al	Search for s-channel single top-quark production in proton-proton collisions at root s=8 TeV with the ATLAS detector	Physics Letters B , vol.740, pp.118-136, DOI: 10.1016/j.physletb.2014.11.042, ISSN: 0370-2693
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173	Gravila et.al	Search for H -> gamma gamma produced in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector	Physics Letters B, vol.740, pp. 222-242, DOI: 10.1016/j.physletb.2014.11.049, ISSN: 0370-2693
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