



Autori	Titlu Articolului	Jurnalul
Baio, MA; Crucean, C; Popescu, D	Scalar pair production in a magnetic field in de Sitter universe	European Physical Journal C, Vol.78, Issue.5, Article No.398, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5890-1
Bica, I.; Antas, EM	Magnetolectric effects in membranes based on magnetorheological bio-suspensions	Materials & Design, Vol.155, pp.317-324, ISSN:0264-1275, DOI: 10.1016/j.matdes.2018.06.005
Bica, I.; Antas, EM	Magnetic field intensity effect on electrical conductivity of magnetorheological bio-suspensions based on honey, turmeric and carbonyl iron	Journal of Industrial And Engineering Chemistry, Vol. 64 pp.276-283, ISSN:1226-086X, DOI: 10.1016/j.jiec.2018.03.025
Bica, I.; Antas, EM; Lu, Q.; Choi, HJ	Effect of magnetic field intensity and gamma-Fe2O3 nanoparticle additive on electrical conductivity and viscosity of magnetorheological carbonyl iron suspension-based membranes	Smart Materials and Structures, Vol.27, Issue.9, Article No.095021, ISSN:0964-1726,DOI:10.1088/1361-665x/aa5a5e
Blaga, R.; Paulescu, M	Quantifiers for the solar irradiance variability: A new perspective	Solar Energy, Vol.174, pp.606-616, ISSN:0038-092X, DOI:10.1016/j.solener.2018.09.034
Calinrou, D.; Sibici, N.; Borila, K.; Blagi, R.; Pop, N.; Paulescu, E.; Sabadus, A.; Paulescu, J.	Parametric modeling: A simple and versatile route to solar irradiance	Energy Conversion And Management, Vol.164, pp.175-187, ISSN: 0196-8904, DOI:10.1016/j.enconman.2018.02.077
Carretero, J.; Garcia-Bias, J.; Antoniu, G.; Petcu, D	New directions in mobile, hybrid, and heterogeneous clouds for cyberinfrastructures	Future Generation Computer Systems-The International Journal of Science, Vol.87, pp.615-617, ISSN:0167-739X, DOI:10.1016/j.future.2018.05.073
Chiriac, MA; Dornik, A.; Urdas, P	Analysis of recent changes in natural habitat types in the Apuseni Mountains (Romania), using multi-temporal Landsat satellite imagery (1986-2015)	Applied Geography, Vol.87, pp.161-175, ISSN:0143-8228, DOI: 10.1016/j.apgeog.2018.05.007
Cirica, C. et al.	Philosophy of language and accounting	Accounting Auditing&Accountability Journal, Vol.31 Issue.7 Special Issue SI, pp.1957-1980, ISSN:0951-3874, DOI:10.1108/AAA-06-2017-2979
Cotescu, II	Integral representation of the Feynman propagator of the Dirac fermions on the de Sitter expanding universe	European Physical Journal C, Vol.78, Issue.9, Article No.789, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6258-2
Cotescu, II	de Sitter relativity in static charts	European Physical Journal C, Vol.78, Issue.2, Article Number.95, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5582-x
Gravila et al.	Search for pair and single production of vectorlike quarks in final states with at least one Z boson decaying into a pair of electrons or muons in pp collision data collected with the ATLAS detector at root s=13 TeV	Physical Review D, Vol.98, Issue.11, Article No.112010, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.112010
Gravila et al.	Search for Higgs boson pair production in the WW* channel using pp collision data recorded at v s=13 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue.12, Article No.1007, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6457-x
Gravila et al.	Search for resonant W Z production in the fully leptonic final state in proton-proton collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, Vol.787, pp.68-88, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.10.021
Gravila et al.	Measurement of the azimuthal anisotropy of charged particles produced in root s=NN=5.02 TeV Pb-Pb collisions with the ATLAS detector	European Physical Journal C, Vol.78, Issue.12, Article No.997, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6468-7
Gravila et al.	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue.12, Article No.039, ISSN:1029-8479, DOI:10.1007/JHEP12(2018)039
Gravila et al.	Search for electroweak production of supersymmetric particles in final states with two or three leptons at root s=13 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue.12, Article No.995, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6423-7
Gravila et al.	Combination of the Searches for Pair-Produced Vectorlike Partners of the Third-Generation Quarks at root s=13 TeV with the ATLAS Detector	Physical Review Letters, Vol.121, Issue.21, Article No.211801, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.211801
Gravila et al.	Search for chargino-neutralino production using recursive jigsaw reconstruction in final states with two or three charged leptons in proton-proton collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.9, Article No. 092012, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092012
Gravila et al.	Observation of Centrality-Dependent Acoplanarity for Muon Pairs Produced via Two-Photon Scattering in Pb plus Pb Collisions at root s(NN)=5.02 TeV with the ATLAS Detector	Physical Review Letters, Vol. 121, Issue.21, Article No.212301, ISSN: 0031-9007, DOI:10.1103/PhysRevLett.121.212301
Gravila et al.	Search for lepton-flavor-violating decays of the Z boson into a l lepton and a light lepton with the ATLAS detector	Physical Review D, Vol.98, Issue.9, Article No.092010, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092010
Gravila et al.	Search for charged Higgs bosons decaying into top and bottom quarks at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue.11, Article No.085, ISSN:1029-8479, DOI:10.1007/JHEP11(2018)085
Gravila et al.	Search for lepton-flavor violation in different-flavor, high-mass final states in pp collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.9, Article No.092008, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092008
Gravila et al.	Observation of H -> b(b)over-bar decays and V H production with the ATLAS detector	Physics Letters B, Vol.786, pp.59-86, ISSN:0370-2693, DOI:10.1103/PhysRevD.98.092010
Gravila et al.	Combined measurement of differential and total cross sections in the H -> gamma gamma and the H -> ZZ* -> 4l decay channels at root s=13 TeV with the ATLAS detector	Physics Letters B, Vol.786 pp.114-133, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.09.019
Gravila et al.	Searches for off-shell Higgs and Z boson decays into J/psi gamma, psi(2S) gamma, and Upsilon(nS) gamma at root s=13 TeV with the ATLAS detector	Physics Letters B, Vol.786, pp.134-155, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.09.024
Gravila et al.	Constraints on exclusive Higgs boson production and the Higgs boson total width in ZZ -> 4l and ZZ -> 2l nu final states with the ATLAS detector	Physics Letters B, Vol.786, pp.223-244, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.09.048
Gravila et al.	Search for pair production of heavy vectorlike quarks decaying into hadronic final states in pp collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.9, Article No.092005, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092005
Gravila et al.	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb-1 of root s = 13 TeV pp collisions with the ATLAS detector (vol.3, 174, 2018)	Journal of High Energy Physics, Issue.11, Article No.051, ISSN:1029-8479, DOI:10.1007/JHEP11(2018)051
Gravila et al.	Search for Higgs boson pair production in the gamma gamma b(b)over-bar final state with 13 TeV pp collision data collected by the ATLAS experiment	Journal of High Energy Physics, Issue.11, Article No.040, ISSN:1029-8479, DOI:10.1007/JHEP11(2018)040
Gravila et al.	Measurement of the azimuthal decorrelations in pp collisions at root s=13 TeV with the ATLAS detector and determination of the strong coupling	Physical Review D, Vol.98, Issue.9, Article No.092004, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092004
Gravila et al.	Search for Resonant and Nonresonant Higgs Boson Pair Production in the b(b)over-bar tau+ tau- (tau+) Decay Channel in pp Collisions at root s=13 TeV with the ATLAS Detector	Physical Review Letters, Vol.121, Issue.19, Article No. 191801, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.191801
Gravila et al.	Measurement of the W-boson mass in pp collisions at root s = 7 TeV with the ATLAS detector (vol.78, 110, 2018)	European Physical Journal C, Vol.78, Issue.11, Article No.898, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6354-3
Gravila et al.	Search for pair production of Higgsinos in final states with at least three b-tagged jets in root s=13 TeV pp collisions using the ATLAS detector	Physical Review D, Vol.98, Issue.9, Article No.092002, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092002
Gravila et al.	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue.10, Article No.180, ISSN:1029-8479, DOI:10.1007/JHEP10(2018)180
Gravila et al.	Measurement of colour flow using jet-pull observables in tt(b)over-bar events with the ATLAS experiment at root s=13 TeV	European Physical Journal C, Vol.78, Issue. 10, Article No.847, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6290-2
Gravila et al.	Probing the Quantum Interference Between Singly and Doubly Resonant Top-Quark Production in pp Collisions at root s=13 TeV with the ATLAS Detector	Physical Review Letters, Vol.121, Issue.15, Article No.152002, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.152002
Gravila et al.	Search for R-parity-violating supersymmetric particles in multi-jet final states produced in pp collisions at root s=13 TeV using the ATLAS detector at the LHC	Physics Letters B, Vol.785, pp.136-158, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.08.021
Gravila et al.	Angular analysis of B-0(l) -> K* mu+ mu- decays in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue.10, Article No.047, ISSN:1029-8479, DOI:10.1007/JHEP10(2018)047
Gravila et al.	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the H -> aa -> 4b channel in pp collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue.10, Article No.031, ISSN:1029-8479, DOI:10.1007/JHEP10(2018)031
Gravila et al.	Prompt and non-prompt J/psi elliptic flow in Pb plus Pb collisions at root s=NN=5.02 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue.9, Article No.784, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6243-9
Gravila et al.	Combination of searches for heavy resonances decaying into bosonic and leptonic final states using 36 fb-1 of proton-proton collision data at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.5, Article No.052008, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.052008
Gravila et al.	Search for charged Higgs bosons decaying via H+-> tau+ nu(tau) in the tau plus jets and tau plus lepton final states with 36 fb-1 of pp collision data recorded at root s=13 TeV with the ATLAS experiment	Journal of High Energy Physics, Issue.9, Article No.139, ISSN:1029-8479, DOI:10.1007/JHEP09(2018)139
Gravila et al.	Prompt and non-prompt J/psi and psi(2S) suppression at high transverse momentum in 5.02 TeV Pb+Pb collisions with the ATLAS experiment	European Physical Journal C, Vol.78, Issue.9, Article No. 782, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6219-9
Gravila et al.	Observation of Higgs boson production in association with a top quark pair at the LHC with the ATLAS detector	Physics Letters B, Vol.784, pp.173-191, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.07.035
Gravila et al.	Measurement of the Higgs boson mass in the H -> ZZ* -> 4l and H -> gamma gamma channels with root s=13 TeV pp collisions using the ATLAS detector	Physics Letters B, Vol.784, pp.345-366, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.07.050
Gravila et al.	Search for Higgs bosons produced via vector-boson fusion and decaying into bottom quark pairs in root s=13 TeV pp collisions with the ATLAS detector	Physical Review D, Vol.98, Issue.5, Article No.052003, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.052003
Gravila et al.	Search for resonances in the mass distribution of jet pairs with one or two jets identified as b-jets in proton-proton collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.3, Article No.032016, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032016
Gravila et al.	Search for heavy resonances decaying to a photon and a hadronically decaying ZWH boson in pp collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.3, Article No.032015, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032015
Gravila et al.	Measurement of the So -Drop Jet Mass in pp Collisions at root s=13 TeV with the ATLAS Detector	Physical Review Letters, Vol.121, Issue.9, Article No. 092001, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.092001
Gravila et al.	Search for Low-Mass Dijet Resonances Using Trigger-Level Jets with the ATLAS Detector in pp Collisions at root s=13 TeV	Physical Review Letters, Vol.121, Issue.8, Article No.081801, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.081801
Gravila et al.	Measurements of b-jet tagging efficiency with the ATLAS detector using tt(b)over-bar events at root s=13 TeV	Journal of High Energy Physics, Issue.8, Article No.089, ISSN: 1029-8479, DOI:10.1007/JHEP08(2018)089
Gravila et al.	Search for top squarks decaying to tau sleptons in pp collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.3, Article No.032008, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032008
Gravila et al.	Search for supersymmetry in events with four or more leptons in root s=13 TeV pp collisions with ATLAS	Physical Review D, Vol.98, Issue.3, Article No.032009, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032009
Gravila et al.	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the llbb final state in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, Vol.783, pp.392-414, ISSN: 0370-2693, DOI:10.1016/j.physletb.2018.07.006
Gravila et al.	Search for pair production of heavy vector-like quarks decaying into high-PT W bosons and top quarks in the lepton-plus-jets final state in pp collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue.8, Article No.048, ISSN:1029-8479, DOI:10.1007/JHEP08(2018)048
Gravila et al.	Search for flavor-changing neutral currents in top quark decays t -> Hc and t -> Hu in multilepton final states in proton-proton collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol.98, Issue.3, Article No.032002, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032002
Gravila et al.	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in root s=13 TeV pp collisions with the ATLAS detector	European Physical Journal C, Vol.78, Issue.8, Article No.625, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6081-9
Gravila et al.	Search for flavour-changing neutral current top-quark decays t -> qZ in proton-proton collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue. 7, Article No.176, ISSN:1029-8479, DOI:10.1007/JHEP07(2018)176
Gravila et al.	Search for exclusive Higgs and Z boson decays to phi gamma and rho gamma with the ATLAS detector	Journal of High Energy Physics, Issue.7, Article No.127, ISSN:1029-8479, DOI:10.1007/JHEP07(2018)127
Gravila et al.	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector	Journal of High Energy Physics, Issue.7, Article No.089, ISSN:1029-8479, DOI:10.1007/JHEP07(2018)089
Gravila et al.	Search for Higgs boson decays into pairs of light (pseudo)scalar particles in the gamma gamma ll final state in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, Vol.782, pp.750-767, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.06.011
Gravila et al.	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at root s=13 TeV	Journal of High Energy Physics, Issue. 6, Article No.166, ISSN: 1029-8479, DOI:10.1007/JHEP06(2018)166
Gravila et al.	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue.6, Article Number.107, ISSN:1029-8479, DOI:10.1007/JHEP06(2018)107
Gravila et al.	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb-1 of root s=13 TeV pp collision data with the ATLAS detector	Journal of High Energy Physics, Issue.6, Article No.108, ISSN:1029-8479, DOI:10.1007/JHEP06(2018)108
Gravila et al.	Measurement of the inclusive and fiducial tt(b)over-bar production cross-sections in the lepton plus jets channel in pp collisions at root s=13 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue.6, Article No.487, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5904-2

Gravila et al.	Measurement of the production cross section of three isolated photons in pp collisions at root s=8 TeV using the ATLAS detector	Physics Letters B Vol.781, pp.55-76, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.057
Gravila et al.	Search for $W \rightarrow tb$ decays in the hadronic final state using pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B Vol.781, pp.327-348, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.036
Gravila et al.	Search for squarks and gluinos in final states with jets and missing transverse momentum using 36 fb ⁻¹ of root s=13 TeV pp collision data with the ATLAS detector	Physical Review D Volume: 97 Issue: 11 Article Number: 112001, ISSN: 2470-0010, DOI:10.1103/PhysRevD.97.112001
Gravila et al.	Search for long-lived charginos based on a disappearing-track signature in pp collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics Issue:6 Article No:022, ISSN:1029-8479, DOI:10.1007/JHEP06(2018)022
Gravila et al.	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue:5 Article No:195, ISSN:1029-8479, DOI:10.1007/JHEP05(2018)195
Gravila et al.	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb ⁻¹ of pp collisions root s=13 TeV with the ATLAS experiment	European Physical Journal C, Vol.78, Issue:5, Article No:401, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5877-y
Gravila et al.	Search for the Decay of the Higgs Boson to Charm Quarks with the ATLAS Experiment	Physical Review Letters, Vol.120, Issue:21, Article No:211802, ISSN:0031-9007, DOI:10.1103/PhysRevLett.120.211802
Gravila et al.	Search for photonic signatures of gauge-mediated supersymmetry in 13 TeV pp collisions with the ATLAS detector	Physical Review D, Vol.97, Issue:9, Article No:092006, ISSN:2470-0010, DOI:10.1103/PhysRevD.97.092006
Gravila et al.	Search for a Structure in the B=0(p(+)) Invariant Mass Spectrum with the ATLAS Experiment	Physical Review Letters, Vol.120, Issue:20, Article No:202007, ISSN:0031-9007, DOI:10.1103/PhysRevLett.120.202007
Gravila et al.	Measurement of differential cross sections and W+W- cross-section ratios for W boson production in association with jets at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue:5, Article No:077, ISSN:1029-8479, DOI:10.1007/JHEP05(2018)077
Gravila et al.	Measurement of the production cross-section of a single top quark in association with a Z boson in proton-proton collisions at 13 TeV with the ATLAS detector	Physics Letters B, Vol.780, pp:557-577, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.023
Gravila et al.	Measurement of the cross section for isolated-photon plus jet production in pp collisions at root s=13 TeV using the ATLAS detector	Physics Letters B, Vol.780, pp:579-602, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.035
Gravila et al.	Search for the standard model Higgs boson produced in association with top quarks and decaying into a b(anti)b(anti) pair in pp collisions at root s=13 TeV with the ATLAS detector	Physical Review D, Vol. 97, Issue:7, Article No:072016, ISSN:2470-0010, DOI:10.1103/PhysRevD.97.072016
Gravila et al.	Search for High-Mass Resonances Decaying to tau nu in pp Collisions at root s=13 TeV with the ATLAS Detector	Physical Review Letters, Vol.120, Issue:16, Article No:161802, ISSN:0031-9007, DOI:10.1103/PhysRevLett.120.161802
Gravila et al.	Search for heavy ZZ resonances in the l(+)-l(-)l(+)-l(-) and l(+)-l(-) nu(nu)/anti-nu(anti-nu) final states using proton-proton collisions at root s=13 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue:4, Article No:293, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5686-3
Gravila et al.	A search for resonances decaying into a Higgs boson and a new particle X in the XH -> qqbb final state with the ATLAS detector	Physics Letters B, Vol.778, pp:24-45, ISSN: 0370-2693, DOI:10.1016/j.physletb.2018.01.042
Gravila et al.	Combination of inclusive and differential t(anti)t(anti) charge asymmetry measurements using ATLAS and CMS data at root s=7 and 8 TeV	Journal of High Energy Physics, Issue:4, Article No:033, ISSN:1029-8479, DOI:10.1007/JHEP04(2018)033
Gravila et al.	Evidence for the associated production of the Higgs boson and a top quark pair with the ATLAS detector	Physical Review D, Vol.97, Issue:7 Article No: 072003, ISSN: 2470-0010, DOI:10.1103/PhysRevD.97.072003
Gravila et al.	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb ⁻¹ of root s=13 TeV pp collisions with the ATLAS detector	Journal of High Energy Physics, Issue:3, Article No:174, ISSN:1029-8479, DOI:10.1007/JHEP03(2018)174
Gravila et al.	Search for long-lived, massive particles in events with displaced vertices and missing transverse momentum in root s=13 TeV pp collisions with the ATLAS detector	Physical Review D, Vol. 97, Issue: 5, Article No:052012, ISSN:2470-0010, DOI:10.1103/PhysRevD.97.052012
Gravila et al.	Search for electroweak production of super-symmetric states in scenarios with compressed mass spectra at root s=13 TeV with the ATLAS detector	Physical Review D, Vol. 97, Issue:5, Article No:052010, ISSN:2470-0010, DOI:10.1103/PhysRevD.97.052010
Gravila et al.	Measurement of quarkonium production in proton-lead and proton-proton collisions at 5.02 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue:3, Article No:171, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5624-4
Gravila et al.	Measurement of tau polarisation in Z(gamma*) -> tau tau decays in proton-proton collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue:2, Article No:163, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5619-1
Gravila et al.	Search for the direct production of charginos and neutralinos in final states with tau leptons in root s=13 TeV pp collisions with the ATLAS detector	European Physical Journal C, Vol.78, Issue:2, Article No:154, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5583-9
Gravila et al.	Measurement of longitudinal flow discontinuities in Pb plus Pb collisions at root sNN=2.76 and 5.02 TeV with the ATLAS detector	European Physical Journal C, Vol.78, Issue:2, Article No:142, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5605-7
Gravila et al.	Direct top-quark decay width measurement in the tt(anti)q-bar lepton plus jets channel at root s=8 TeV with the ATLAS experiment	European Physical Journal C, Vol.78 Issue:2, Article No:129, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5595-9
Gravila et al.	Measurement of long-range multiparticle azimuthal correlations with the subevent cumulant method in pp and p plus Pb collisions with the ATLAS detector at the CERN Large Hadron Collider	Physical Review C, Vol.97, Issue:2, Article No:024904, ISSN:2469-9985, DOI:10.1103/PhysRevC.97.024904
Gravila et al.	Search for diboson resonances with boson-tagged jets in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, Vol.777, pp:91-113, ISSN:0370-2693, DOI:10.1016/j.physletb.2017.12.011
Gravila et al.	Measurement of the exclusive gamma gamma -> mu(mu) process in proton-proton collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, Vol.777, pp:303-323, ISSN: 0370-2693, DOI:10.1016/j.physletb.2017.12.043
Gravila et al.	ZZ -> l(+)-W(l+)-l(-) cross-section measurements and search for anomalous triple gauge couplings in 13 TeV pp collisions with the ATLAS detector	Physical Review D, Vol.97, Issue:3, Article No:032005, ISSN:2470-0010, DOI:10.1103/PhysRevD.97.032005
Gravila et al.	Search for B - L R-parity-violating top squarks in root s=13 TeV pp collisions with the ATLAS experiment	Physical Review D, Vol.97, Issue:3, Article No:032003, ISSN: 2470-0010, DOI:10.1103/PhysRevD.97.032003
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