

Nr.	Facultate	Listă articolelor publicate in jurnale și reviste indexate in <b>Quartila 1</b> de către personalul didactic și de cercetare cu afiliere <b>Universitatea de Vest din Timișoara</b> <b>Anul 2018</b>	Quartila
1	FCBG	Chetan, MA; Dornik, A; Urdea, P: <i>Analysis of recent changes in natural habitat types in the Apuseni Mountains (Romania), using multi-temporal Landsat satellite imagery (1986-2015)</i> , Applied Geography, Vol.97, pp:161-175, ISSN:0143-6228, DOI: 10.1016/j.apgeog.2018.06.007	Q1
2	FCBG	Panteleit, J; Keller, NS; Dieguez-Uribeondo, J; Makkonen, J; Martin-Torrijos; Patrulea, V; Pirvu, M; Preda, C ; Schrimpf, A; Parvulescu, L: <i>Hidden sites in the distribution of the crayfish plague pathogen Aphanomyces astaci in Eastern Europe: Relicts of genetic groups from older outbreaks?</i> , Journal of Invertebrate Pathology, Vol.157, pp:117-124, ISSN:0022-2011,	Q1
3	FCBG	Urdea, P et.al: <i>Permafrost conditions in the Mediterranean region since the Last Glaciation</i> , Earth-Science Reviews , Vol.185, pp:397-436, ISSN:0012-8252, DOI:10.1016/j.earscirev.2018.06.018	Q1
4	FEAA	Circa, C et.al: <i>Philosophy of language and accounting</i> , Accounting Auditing&Accountability Journal, Vol.31 Issue:7 Special Issue:SI, pp:1957-1980, ISSN:0951-3574, DOI:10.1108/AAAJ-06-2017-2979	Q1
5	FEAA	Vatavu, S ; Lobont, OR ; Para, I ; Pelin, A: <i>Addressing oil price changes through business profitability in oil and gas industry in the United Kingdom</i> , PLOS ONE, Vol.13, Issue:6, Article No:e0199100, ISSN: 1932-6203, DOI:10.1371/journal.pone.0199100	Q1
6	FF	Baloi, MA; Crucean, C; Popescu, D: <i>Scalar pair production in a magnetic field in de Sitter universe</i> , European Physical Journal C, Vol.78, Issue:5, Article No:398, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5890-1	Q1
7	FF	Bica, I ; Anitas, EM: <i>Magnetodielectric effects in membranes based on magnetorheological bio-suspensions</i> , Materials & Design, Vol.155, pp.317-324, ISSN:0264-1275, DOI: 10.1016/j.matdes.2018.06.005	Q1
8	FF	Bica, I; Anitas, EM: <i>Magnetic field intensity effect on electrical conductivity of magnetorheological biosuspensions based on honey, turmeric and carbonyl iron</i> , Journal of Industrial And Engineering Chemistry, Vol. 64 pp:276-283, ISSN:1226-086X, DOI: 10.1016/j.jiec.2018.03.025	Q1
9	FF	Bica, I; Anitas, EM; Lu, Q; Choi, HJ: <i>Effect of magnetic field intensity and gamma-Fe2O3 nanoparticle additive on electrical conductivity and viscosity of magnetorheological carbonyl iron suspension-based membranes</i> , Smart Materials and Structures, Vol.27, Issue:9, Article No:095021, ISSN:0964-1726,DOI:10.1088/1361-665X/aad5a6	Q1
10	FF	Blaga, R; Paulescu, M: <i>Quantifiers for the solar irradiance variability: A new perspective</i> , Solar Energy, Vol.174, pp:606-616, ISSN:0038-092X, DOI:10.1016/j.solener.2018.09.034	Q1

11	FF	Calinoiu, D; Stefu, N; Boata, R; Blaga, R; Pop, N; Paulescu, E; Sabadus, A; Paulescu, M: <i>Parametric modeling: A simple and versatile route to solar irradiance</i> , Energy Conversion And Management, Vol.164, pp:175-187, ISSN: 0196-8904, DOI:10.1016/j.enconman.2018.02.077	Q1
12	FF	Cotaescu, II: <i>Integral representation of the Feynman propagators of the Dirac fermions on the de Sitter expanding universe</i> , European Physical Journal C, Vol.78, Issue:9, Article No:769, ISSN: 1434-6044, DOI:10.1140/epjc/s10052-018-6258-2	Q1
13	FF	Cotaescu, II: <i>de Sitter relativity in static charts</i> , European Physical Journal C, Vol.78, Issue:2, Article Number:95, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5582-x	Q1
14	FF	Gravila et.al.: <i>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</i> , Physical Review D, Vol.98, Issue:11, Article No:112010, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.112010	Q1
15	FF	Gravila et.al.: <i>Search for Higgs boson pair production in the..WW* channel using pp collision data recorded at v s=13 TeV with the ATLAS detector</i> , European Physical Journal C, Vol.78, Issue:12, Article No:1007, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6457-x,	Q1
16	FF	Gravila et.al.: <i>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</i> , Physics Letters B, Vol.787, pp:68-88, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.10.021,	Q1
17	FF	Gravila et.al.: <i>Measurement of the azimuthal anisotropy of charged particles produced in root s NN=5.02 TeV Pb+ Pb collisions with the ATLAS detector</i> , European Physical Journal C, Vol.78, Issue:12, Article No:997, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6468-7	Q1
18	FF	Gravila et.al.: <i>Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at &gt;=13 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:12, Article No:039, ISSN:1029-8479, DOI:10.1007/JHEP12(2018)039	Q1
19	FF	Gravila et.al.: <i>Search for electroweak production of supersymmetric particles in final states with two or three leptons at root s=13 TeV with the ATLAS detector</i> , European Physical Journal C, Vol.78, Issue:12 Article No:995, ISSN: 1434-6044, DOI:10.1140/epjc/s10052-018-6423-7	Q1
20	FF	Gravila et.al.: <i>Combination of the Searches for Pair-Produced Vectorlike Partners of the Third-Generation Quarks at root s=13 TeV with the ATLAS Detector</i> , Physical Review Letters, Vol.121, Issue:21, Article No:211801, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.211801	Q1
21	FF	Gravila et.al.: <i>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</i> , Physical Review D, Vol.98, Issue:9, Article No: 092012, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092012	Q1

22	FF	Gravila et.al.: <i>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</i> , Physical Review Letters, Vol. 121, Issue:21, Article No:212301, ISSN: 0031-9007, DOI:10.1103/PhysRevLett.121.212301.	Q1
23	FF	Gravila et.al.: <i>Search for lepton-flavor-violating decays of the Z boson into a <math>\tau</math> lepton and a light lepton with the ATLAS detector</i> , Physical Review D, Vol.98, Issue:9, Article No:092010, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092010	Q1
24	FF	Gravila et.al.: <i>Search for charged Higgs bosons decaying into top and bottom quarks at root s=13TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:11, Article No:085, ISSN:1029-8479, DOI:10.1007/JHEP11(2018)085	Q1
25	FF	Gravila et.al.: <i>Search for lepton-flavor violation in different-flavor, high-mass final states in pp collisions at root s=13 TeV with the ATLAS detector</i> , Physical Review D, Vol.98, Issue:9, Article No:092008, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092008	Q1
26	FF	Gravila et.al.: <i>Observation of <math>H \rightarrow b\bar{b}</math> decays and <math>VH</math> production with the ATLAS detector</i> , Physics Letters B, Vol.786, pp:59-86, ISSN:0370-2693, DOI:10.1103/PhysRevD.98.092010	Q1
27	FF	Gravila et.al.: <i>Combined measurement of differential and total cross sections in the <math>H \rightarrow \gamma\gamma</math> and the <math>H \rightarrow ZZ^* \rightarrow 4l</math> decay channels at root s=13 TeV with the ATLAS detector</i> , Physics Letters B, Vol.786 pp:114-133, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.09.019	Q1
28	FF	Gravila et.al.: <i>Searches for exclusive Higgs and Z boson decays into <math>J/\psi</math> gamma, <math>\psi(2S)</math> gamma, and <math>Upsilon(nS)</math> gamma at root s=13 TeV with the ATLAS detector</i> , Physics Letters B, Vol.786, pp:134-155, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.09.024	Q1
29	FF	Gravila et.al.: <i>Constraints on off-shell Higgs boson production and the Higgs boson total width in <math>ZZ \rightarrow 4l</math> and <math>ZZ \rightarrow 2l2\nu</math> final states with the ATLAS detector</i> , Physics Letters B, Vol.786, pp:223-244, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.09.048	Q1
30	FF	Gravila et.al.: <i>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</i> , Physical Review D, Vol.98 Issue:9, Article No:092005, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092005	Q1
31	FF	Gravila et.al.: <i>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<sup>-1</sup> of root s = 13 TeV pp collisions with the ATLAS detector (vol 3, 174, 2018)</i> , Journal of High Energy Physics, Issue:11, Article No:051, ISSN:1029-8479, DOI:10.1007/JHEP11(2018)051	Q1
32	FF	Gravila et.al.: <i>Search for Higgs boson pair production in the gamma gamma b(b)over-bar final state with 13TeV pp collision data collected by the ATLAS experiment</i> , Journal of High Energy Physics, Issue:11, Article No:040, ISSN:1029-8479, DOI:10.1007/JHEP11(2018)040	Q1

33	FF	Gravila et.al.: <i>Measurement of dijet azimuthal decorrelations in pp collisions at root s=8 TeV with the ATLAS detector and determination of the strong coupling</i> , Physical Review D, Vol.98 Issue:9, Article No:092004, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092004	Q1
34	FF	Gravila et.al.: <i>Search for Resonant and Nonresonant Higgs Boson Pair Production in the b(b)over-bar tau(+) tau(-) Decay Channel in pp Collisions at root s=13 TeV with the ATLAS Detector</i> , Physical Review Letters, Vol.121 Issue:19 Article No: 191801, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.191801	Q1
35	FF	Gravila et.al.: <i>Measurement of the W-boson mass in pp collisions at root s = 7 TeV with the ATLAS detector (vol 78, 110, 2018)</i> , European Physical Journal C, Vol.78, Issue:11, Article No:898, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6354-3	Q1
36	FF	Gravila et.al.: <i>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</i> , Physical Review D, Vol.98, Issue: 9, Article No:092002, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.092002	Q1
37	FF	Gravila et.al.: <i>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</i> , Journal of High Energy Physics, Issue:10, Article No:180, ISSN:1029-8479, DOI:10.1007/JHEP10(2018)180	Q1
38	FF	Gravila et.al.: <i>Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at root s=13 TeV using the ATLAS detector</i> , Journal of High Energy Physics, Issue:10, Article No:159, ISSN:1029-8479, DOI:10.1007/JHEP10(2018)159	Q1
39	FF	Gravila et.al.: <i>Measurement of colour flow using jet-pull observables in in t(t)over-bar events with the ATLAS experiment at root s=13TeV</i> , European Physical Journal C, Vol.78, Issue: 10, Article No:847, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6290-2	Q1
40	FF	Gravila et.al.: <i>Probing the Quantum Interference between Singly and Doubly Resonant Top-Quark Production in pp Collisions at root s=13 TeV with the ATLAS Detector</i> , Physical Review Letters, Vol.121 Issue:15 Article No:152002, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.152002	Q1
41	FF	Gravila et.al.: <i>Search for R-parity-violating supersymmetric particles in multi-jet final states produced in p-p collisions at root s=13 TeV using the ATLAS detector at the LHC</i> , Physics Letters B, Vol.785, pp:136-158, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.08.021	Q1
42	FF	Gravila et.al.: <i>Angular analysis of B-d(0) -&gt; K* mu(+)mu(-) decays in pp collisions at root s=8 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:10, Article No:047, ISSN:1029-8479, DOI:10.1007/JHEP10(2018)047	Q1
43	FF	Gravila et.al.: <i>Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the H -&gt; aa -&gt; 4b channel in pp collisions at root s=13 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:10 Article No:031, ISSN:1029-8479, DOI:10.1007/JHEP10(2018)031	Q1

44	FF	Gravila et.al.: <i>Prompt and non-prompt J/psi elliptic flow in Pb plus Pb collisions at root S-NN=5.02 TeV with the ATLAS detector</i> , European Physical Journal C, Vol.78, Issue:9, Article No:784, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6243-9	Q1
45	FF	Gravila et.al.: <i>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</i> , Physical Review D, Vol.98, Issue:5, Article No:052008, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.052008	Q1
46	FF	Gravila et.al.: <i>Search for charged Higgs bosons decaying via H-+/- -&gt; 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</i> , Journal of High Energy Physics, Issue:9, Article No:139, ISSN:1029-8479, DOI:10.1007/JHEP09(2018)139	Q1
47	FF	Gravila et.al.: <i>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</i> , European Physical Journal C, Vol.78, Issue:9, Article No: 762, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-6219-9	Q1
48	FF	Gravila et.al.: <i>Observation of Higgs boson production in association with a top quark pair at the LHC with the ATLAS detector</i> , Physics Letters B, Vol.784, pp:173-191, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.07.035	Q1
49	FF	Gravila et.al.: <i>Measurement of the Higgs boson mass in the H -&gt; ZZ* -&gt; 4l and H -&gt; gamma gamma channels with root s=13 TeV pp collisions using the ATLAS detector</i> , Physics Letters B, Vol.784, pp:345-366, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.07.050	Q1
50	FF	Gravila et.al.: <i>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</i> , Physical Review D, Vol.98, Issue:5, Article No:052003, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.052003	Q1
51	FF	Gravila et.al.: <i>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</i> , Physical Review D, Vol.98, Issue:3, Article No:032016, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032016	Q1
52	FF	Gravila et.al.: <i>Search for heavy resonances decaying to a photon and a hadronically decaying Z/W/H boson in pp collisions at root s=13 TeV with the ATLAS detector</i> , Physical Review D, Vol.98, Issue: 3, Article No:032015, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032015	Q1
53	FF	Gravila et.al.: <i>Measurement of the So_-Drop Jet Mass in pp Collisions at root s=13 TeV with the ATLAS Detector</i> , Physical Review Letters, Vol.121, Issue:9, Article No: 092001, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.092001	Q1
54	FF	Gravila et.al.: <i>Search for Low-Mass Dijet Resonances Using Trigger-Level Jets with the ATLAS Detector in pp Collisions at root s=13 TeV</i> , Physical Review Letters, Vol.121, Issue:8, Article No:081801, ISSN:0031-9007, DOI:10.1103/PhysRevLett.121.081801	Q1

55	FF	Gravila et.al.: <i>Measurements of b-jet tagging efficiency with the ATLAS detector using t(t)over-bar events at root s=13 TeV</i> , Journal of High Energy Physics, Issue:8, Article No:089, ISSN: 1029-8479, DOI:10.1007/JHEP08(2018)089	Q1
56	FF	Gravila et.al.: <i>Search for top squarks decaying to tau sleptons in pp collisions at root s=13 TeV with the ATLAS detector</i> , Physical Review D, Vol.98, Issue:3, Article No:032008, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032008	Q1
57	FF	Gravila et.al.: <i>Search for supersymmetry in events with four or more leptons in root s=13 TeV pp collisions with ATLAS</i> , Physical Review D, Vol.98 Issue:3, Article No:032009, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032009	Q1
58	FF	Gravila et.al.: <i>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</i> , Physics Letters B, Vol.783, pp:392-414, ISSN: 0370-2693, DOI:10.1016/j.physletb.2018.07.006	Q1
59	FF	Gravila et.al.: <i>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</i> , Journal of High Energy Physics, Issue:8 Article No:048, ISSN:1029-8479, DOI: 10.1007/JHEP08(2018)048	Q1
60	FF	Gravila et.al.: <i>Search for flavor-changing neutral currents in top quark decays <math>t \rightarrow Hc</math> and <math>t \rightarrow Hu</math> in multilepton final states in proton-proton collisions at root s=13 TeV with the ATLAS detector</i> , Physical Review D, Vol.98, Issue:3, Article No:032002, ISSN:2470-0010, DOI:10.1103/PhysRevD.98.032002	Q1
61	FF	Gravila et.al.: <i>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</i> , European Physical Journal C, Vol.78, Issue:8, Article No:625, ISSN:1434-6044, DOI: 10.1140/epjc/s10052-018-6081-9	Q1
62	FF	Gravila et.al.: <i>Search for flavour-changing neutral current top-quark decays <math>t \rightarrow qZ</math> in proton-proton collisions at root s=13 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 7 Article No:176, ISSN:1029-8479, DOI:10.1007/JHEP07(2018)176	Q1
63	FF	Gravila et.al.: <i>Search for exclusive Higgs and Z boson decays to phi gamma and rho gamma with the ATLAS detector</i> , Journal of High Energy Physics, Issue:7 Article No:127, ISSN:1029-8479, DOI:10.1007/JHEP07(2018)127	Q1
64	FF	Gravila et.al.: <i>Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector</i> , Journal of High Energy Physics, Issue:7 Article No:089, ISSN:1029-8479, DOI:10.1007/JHEP07(2018)089	Q1
65	FF	Gravila et.al.: <i>Search for Higgs boson decays into pairs of light (pseudo)scalar particles in the gamma gamma jj final state in pp collisions at root s=13 TeV with the ATLAS detector</i> , Physics Letters B, Vol.782, pp:750-767, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.06.011	Q1

66	FF	Gravila et.al.: <i>Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at root <math>s=13</math> TeV</i> , Journal of High Energy Physics, Issue: 6, Article No:166, ISSN:1029-8479, DOI:10.1007/JHEP06(2018)166	Q1
67	FF	Gravila et.al.: <i>Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at root <math>s=13</math> TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:6, Article Number:107, ISSN:1029-8479, DOI:10.1007/JHEP06(2018)107	Q1
68	FF	Gravila et.al.: <i>Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using <math>36\text{ fb}(-1)</math> of root <math>s=13</math> TeV pp collision data with the ATLAS detector</i> , Journal of High Energy Physics, Issue:6, Article No:108, ISSN:1029-8479, DOI:10.1007/JHEP06(2018)108	Q1
69	FF	Gravila et.al.: <i>Measurement of the inclusive and fiducial <math>t(\bar{t})</math> production cross-sections in the lepton plus jets channel in pp collisions at root <math>s=8</math> TeV with the ATLAS detector</i> , European Physical Journal C, Vol.78, Issue:6, Article No:487, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5904-z	Q1
70	FF	Gravila et.al.: <i>Measurement of the production cross section of three isolated photons in pp collisions at root <math>s=8</math> TeV using the ATLAS detector</i> , Physics Letters B Vol.781, pp:55-76, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.057	Q1
71	FF	Gravila et.al.: <i>Search for <math>W' \rightarrow tb</math> decays in the hadronic final state using pp collisions at root <math>s=13</math> TeV with the ATLAS detector</i> , Physics Letters B Vol.781, pp: 327-348, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.036	Q1
72	FF	Gravila et.al.: <i>Search for squarks and gluinos in final states with jets and missing transverse momentum using <math>36\text{ fb}(-1)</math> of root <math>s=13</math> TeV pp collision data with the ATLAS detector</i> , Physical Review D Volume: 97 Issue: 11 Article Number: 112001, ISSN: 2470-0010, DOI:10.1103/PhysRevD.97.112001	Q1
73	FF	Gravila et.al.: <i>Search for long-lived charginos based on a disappearing-track signature in pp collisions at root <math>s=13</math> TeV with the ATLAS detector</i> , Journal of High Energy Physics Issue:6 Article No:022, ISSN:1029-8479, DOI:10.1007/JHEP06(2018)022	Q1
74	FF	Gravila et.al.: <i>Measurement of inclusive jet and dijet cross-sections in protonproton collisions at root <math>s=13</math> TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:5 Article No:195, ISSN:1029-8479, DOI:10.1007/JHEP05(2018)195	Q1
75	FF	Gravila et.al.: <i>Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in <math>36\text{ fb}(-1)</math> of pp collisions root <math>s=13</math> TeV with the ATLAS experiment</i> , European Physical Journal C, Vol.78, Issue:5, Article No:401, ISSN:1434-6044, DOI:10.1140/epjc/s10052-018-5877-y	Q1
76	FF	Gravila et.al.: <i>Search for the Decay of the Higgs Boson to Charm Quarks with the ATLAS Experiment</i> , Physical Review Letters, Vol.120, Issue:21, Article No:211802, ISSN:0031-9007, DOI:10.1103/PhysRevLett.120.211802	Q1

77	FF	Gravila et.al.: <i>Search for photonic signatures of gauge-mediated supersymmetry in 13 TeV pp collisions with the ATLAS detector</i> , Physical Review D, Vol.97, Issue:9, Article No:092006, ISSN:2470-0010, DOI:10.1103/PhysRevD.97.092006	Q1
78	FF	Gravila et.al.: <i>Search for a Structure in the B-s(0) pi(+/-) Invariant Mass Spectrum with the ATLAS Experiment</i> , Physical Review Letters, Vol.120, Issue:20, Article No:202007, ISSN:0031-9007, DOI:10.1103/PhysRevLett.120.202007	Q1
79	FF	Gravila et.al.: <i>Measurement of differential cross sections and W+/W- crosssection ratios for W boson production in association with jets at root s=8 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:5, Article No:077, ISSN:1029-8479, DOI:10.1007/JHEP05(2018)077	Q1
80	FF	Gravila et.al.: <i>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</i> , Physics Letters B, Vol.780, pp:557-577, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.023	Q1
81	FF	Gravila et.al.: <i>Measurement of the cross section for isolated-photon plus jet production in pp collisions at root s=13 TeV using the ATLAS detector</i> , Physics Letters B, Vol.780, pp:578-602, ISSN:0370-2693, DOI:10.1016/j.physletb.2018.03.035	Q1
82	FF	Gravila et.al.: <i>Search for the standard model Higgs boson produced in association with top quarks and decaying into a b(b)overbar pair in pp collisions at root s=13 TeV with the ATLAS detector</i> , Physical Review D, Vol. 97, Issue:7, Article No:072016, ISSN:2470-0010, DOI:10.1103/PhysRevD.97.072016	Q1
83	FF	Gravila et.al.: <i>Search for High-Mass Resonances Decaying to tau nu in pp Collisions at root s=13 TeV with the ATLAS Detector</i> , Physical Review Letters, Vol.120, Issue:16, Article No:161802, ISSN:0031-9007, DOI:10.1103/PhysRevLett.120.161802	Q1
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