

Nr.	Facultate	Listă articolelor publicate in jurnale și reviste indexate in Quartila 1 de către personalul didactic și de cercetare cu afiliere Universitatea de Vest din Timișoara Anul 2017	Quartila
1	FCBG	Ardelean, A.C.; Onaca, A.; Urdea, P.; et al.: <i>Quantifying Postglacial Sediment Storage and Denudation Rates in a Small Alpine Catchment of the Fagara Mountains (Romania)</i> , Science of the Total Environment, vol.599, pp.1756-1767, ISSN:0048-9697, DOI: 10.1016/j.scitotenv.2017.05.131	Q1
2	FCBG	Copilas-Ciocianu, D; Petrussek, A: <i>Phylogeography of A Freshwater Crustacean Species Complex Reflects A Long-Gone Archipelago</i> , Journal of Biogeography, vol. 44, Issue: 2, pp. 421-432, ISSN: 0305-0270, DOI: 10.1111/jbi.12853	Q1
3	FCBG	Dragan, Al.; Popa, N.: <i>Social Economy in Post-Communist Romania: What Kind of Volunteering for What Type of Ngos?</i> , Journal of Balkan and Near Eastern Studies vol. 19, Issue: 3, pp. 330-350, ISSN:1944-8953, DOI: 10.1080/19448953.2017.1277088	Q1
4	FCBG	Lelea, M. A.; Voiculescu, S.: <i>The Production of Emancipatory Feminist Spaces in a Post-Socialist Context: Organization of Ladyfest in Romania</i> , Gender Place and Culture, vol.24, Issue: 6, pp. 794-811, ISSN: 0966-369X, DOI: 10.1080/0966369X.2017.1340872	Q1
5	FCBG	Onaca, A., Ardelean, F., Urdea, P.; et al.: <i>Southern Carpathian Rock Glaciers: Inventory, Distribution and Environmental Controlling Factors</i> , Geomorphology, vol. 293, pp.391-404, Part: B, ISSN: 0169-555X, DOI: 10.1016/j.geomorph.2016.03.032	Q1
6	FCBG	Popescu, R.; Vespremeanu-Stroe, A.; Onaca, A.; et al.: <i>Low-Altitude Permafrost Research In an Overcooled Talus Slope Rock Glacier System in The Romanian Carpathians (Detunata Goala, Apuseni Mountains)</i> , Geomorphology, vol. 295, pp. 840-854, ISSN:0169-555X, DOI: 10.1016/j.geomorph.2017.07.029	Q1
7	FEAA	Su, Chi-Wei; Li, Zheng-Zheng; Chang, Hsu-Ling; et al.: <i>When Will Occur the Crude Oil Bubbles?</i> , Energy Policy, vol.102, pp.1-6, ISSN: 0301-4215, DOI: 10.1016/j.enpol.2016.12.006	Q1
8	FF	Ambrus, V. E.: <i>Quantum Non-Equilibrium Effects in Rigidly-Rotating Thermal States</i> , Physics Letters B, vol. 771, pp.151-156, ISSN: 0370-2693, DOI: 10.1016/j.physletb.2017.05.038	Q1
9	FF	Ambrus, V.E.; Winstanley, E.: <i>Thermal Expectation Values of Fermions on Anti-De Sitter Space-Time</i> , Classical and Quantum Gravity, vol. 34 Issue: 14, Article Number: 145010, ISSN: 0264-9381, DOI: 10.1088/1361-6382/aa7863	Q1
10	FF	Bica, I.; Anitas, E.M.; Chirigiu, L.: <i>Magnetic Field Intensity Effect on Plane Capacitors Based on Hybrid Magnetorheological Elastomers with Graphene Nanoparticles</i> , Journal of Industrial and Engineering Chemistry, vol.56, pp. 407-412, ISSN: 1226-086X, DOI: 10.1016/j.jiec.2017.07.039	Q1

11	FF	Brabec, M.; Paulescu, M.; Badescu, V.: Statistical Properties of Clear and Dark Duration Lengths, Solar Energy, vol.153, pp:508-518, ISSN: 0038-092X, DOI: 10.1016/j.solener.2017.06.003	Q1
12	FF	Bunoiu, M.; Neamtu, J.; Chirigiu, L.; et al.: Hybrid Magnetorheological Elastomers: Effects Of The Magnetic Field on Some Electrical Properties, Applied Surface Science, vol.424 Special Issue: SI, pp.282-289, Part: 3, ISSN:0169-4332, DOI: 10.1016/j.apsusc.2017.04.087	Q1
13	FF	Cotaescu, I.I.: Rest Frames And Relativistic Effects on De Sitter Spacetimes, European Physical Journal C, vol. 77 Issue: 7, Article Number: 485, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5032-1	Q1
14	FF	Gravila et.al: Femtoscopy with identified charged pions in proton-lead collisions at root s(NN)=5.02 TeV with ATLAS, Physical Review C, vol. 96, Issue: 6, Article Number: 064908, ISSN: 2469-9985	Q1
15	FF	Gravila et.al: Search for squarks and gluinos in events with an isolated lepton, jets, and missing transverse momentum at root s=13 TeV with the ATLAS detector, Physical Review D, vol. 96, Issue: 11, Article Number: 112010, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.96.112010	Q1
16	FF	Gravila et.al: Search for direct top squark pair production in final states with two leptons in root s=13 TeV pp collisions with the ATLAS detector, European Physical Journal C, vol. 77, Issue: 12, Article Number: 898, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5445-x	Q1
17	FF	Gravila et.al: Determination of the strong coupling constant alpha(s) from transverse energy-energy correlations in multijet events at root s=8 TeV using the ATLAS detector, European Physical Journal C, vol.77, Issue: 12, Article Number: 872, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5442-0	Q1
18	FF	Gravila et.al: Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at root s=13 TeV with the ATLAS detector, Journal of High Energy Physics, Issue: 12, Article Number: 085, ISSN: 1029-8479, DOI: 10.1007/JHEP12(2017)085	Q1
19	FF	Gravila et.al: Measurement of the Drell-Yan triple-differential cross section in pp collisions at root s=8 TeV, Journal of High Energy Physics, Issue: 12, Article Number: 059, ISSN: 1029-8479, DOI: 10.1007/JHEP12(2017)059	Q1
20	FF	Gravila et.al: Search for new phenomena in high-mass diphoton final states using 37 fb(-1) of proton-proton collisions collected at root s=13 TeV with the ATLAS detector, Physics Letters B, vol. 775, pp.105-125, ISSN: 0370-2693, DOI: 10.1016/j.physletb.2017.10.039	Q1
21	FF	Gravila et.al: Measurement of the cross-section for electroweak production of dijets in association with a Z boson in pp collisions at root s=13 TeV with the ATLAS detector, Physics Letters B, vol. 775, pp. 206-228, ISSN: 0370-2693, DOI: 10.1016/j.physletb.2017.10.040	Q1

22	FF	Gravila et.al: <i>Search for dark matter in association with a Higgs boson decaying to two photons at root $s=13$ TeV with the ATLAS detector</i> , Physical Review D, vol.96, Issue: 11, Article Number: 112004, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.96.112004	Q1
23	FF	Gravila et.al: <i>Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 12, Article Number: 02, ISSN:1029-8479, DOI: 10.1007/JHEP12(2017)024	Q1
24	FF	Gravila et.al: <i>Search for new phenomena with large jet multiplicities and missing transverse momentum using large-radius jets and flavour-tagging at ATLAS in 13 TeV pp collisions</i> , Journal of High Energy Physics, Issue: 12, Article Number: 034, ISSN:1029-8479, DOI: 10.1007/JHEP12(2017)034	Q1
25	FF	Gravila et.al: <i>Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at root $s=8$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 12, Article Number: 017, ISSN: 1029-8479, DOI: 10.1007/JHEP12(2017)017	Q1
26	FF	Gravila et.al: <i>Search for supersymmetry in events with b-tagged jets and missing transverse momentum in pp collisions at root $s=13$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 11, Article Number: 195, ISSN: 1029-8479, DOI: 10.1007/JHEP11(2017)195	Q1
27	FF	Gravila et.al: <i>Study of ordered hadron chains with the ATLAS detector</i> , Physical Review D, vol.96, Issue: 9, Article Number: 092008, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.96.092008	Q1
28	FF	Gravila et.al: <i>Measurements of top-quark pair differential cross-sections in the lepton plus jets channel in pp collisions at root $s=13$ TeV using the ATLAS detector</i> , Journal of High Energy Physics, Issue: 11, Article Number: 191, ISSN: 1029-8479, DOI: 10.1007/JHEP11(2017)191,	Q1
29	FF	Gravila et.al: <i>Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$ and $t\bar{t} + \bar{t}t$ production in $t\bar{t}pp$ collisions at a root $s=8$ TeV with the ATLAS detector</i> , European Physical Journal C, vol.77, Issue: 11, Article Number: 804, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5349-9	Q1
30	FF	Gravila et.al: <i>Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in pp collisions at root $s=13$ TeV using the ATLAS detector</i> , European Physical Journal C, vol.77, Issue: 11, Article Number: 76, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5315-6	Q1
31	FF	Gravila et.al: <i>Measurement of the $t(t)\bar{t}$ gamma production cross section in proton-proton collisions at root $s=8$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 11, Article Number: 086, ISSN: 1029-8479, DOI: 10.1007/JHEP11(2017)086	Q1
32	FF	Gravila et.al: <i>Measurement of jet $p(T)$ correlations in Pb+Pb and pp collisions at root $s(NN)=2.76$ TeV with the ATLAS detector</i> , Physics Letters B, vol.774, pp. 379-402, ISSN: 0370-2693, DOI: 10.1016/j.physletb.2017.09.078	Q1

33	FF	Gravila et.al: <i>Search for heavy resonances decaying to a W or Z boson and a Higgs boson in the $q(q)\overline{(\prime)}b(b)\overline{(\prime)}$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector</i> , Physics Letters B, vol.774, pp. 494-515, ISSN: 0370-2693, DOI: 10.1016/j.physletb.2017.09.066	Q1
34	FF	Gravila et.al: <i>Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s}=8$ TeV</i> , Journal of High Energy Physics, Issue: 11, Article Number: 062, ISSN: 1029-8479	Q1
35	FF	Gravila et.al: <i>Search for Heavy Higgs Bosons A/H Decaying to a Top Quark Pair in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector</i> , Physical Review Letters, vol.119, Issue:19, Article Number: 191803, ISSN: 0370-2693	Q1
36	FF	Gravila et.al: <i>Search for Dark Matter Produced in Association with a Higgs Boson Decaying to $b(b)\overline{(\prime)}$ Using $36\text{ fb}(-1)$ of pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector</i> , Physical Review Letters, vol.119, Issue: 18, Article Number: 181804, ISSN: 0031-9007, DOI: 10.1103/PhysRevLett.119.181804	Q1
37	FF	Gravila et.al: <i>Search for new high-mass phenomena in the dilepton final state using $36\text{ fb}(-1)$ of proton-proton collision data at $\sqrt{s}=13$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 10, Article Number: 182, ISSN:1029-8479, DOI: 10.1007/JHEP10(2017)182	Q1
38	FF	Gravila et.al: <i>Search for pair production of heavy vector-like quarks decaying to high-p(T) W bosons and b quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 10, Article Number: 141, ISSN: 1029-8479, DOI: 10.1007/JHEP10(2017)141	Q1
39	FF	Gravila et.al: <i>Search for top quark decays $t \rightarrow qH$, with $H \rightarrow \gamma\gamma$, in $\sqrt{s}=13$ TeV pp collisions using the ATLAS detector</i> , Journal of High Energy Physics, Issue: 10, Article Number:129, ISSN: 1029-8479, DOI: 10.1007/JHEP10(2017)129	Q1
40	FF	Gravila et.al: <i>Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4l$ decay channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 10, Article Number: 132, ISSN: 1029-8479, DOI: 10.1007/JHEP10(2017)132	Q1
41	FF	Gravila et.al: <i>Searches for the Z gamma decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 10, Article Number: 112, ISSN: 1029-8479, DOI: 10.1007/JHEP10(2017)112	Q1
42	FF	Gravila et.al: <i>Searches for the Z gamma decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 10, Article Number: 112, ISSN: 1029-8479, DOI: 10.1007/JHEP10(2017)112	Q1
43	FF	Gravila et.al: <i>Jet energy scale measurements and their systematic uncertainties in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector</i> , Physical Review D, vol. 96, Issue: 7, Article Number: 072002, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.96.072002	Q1

44	FF	Gravila et.al: <i>Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2</i> , European Physical Journal C, vol.77, Issue: 10, Article Number: 673, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5225-7	Q1
45	FF	Gravila et.al: <i>Search for new phenomena in dijet events using 37 fb(-1) of pp collision data collected at root s=13 TeV with the ATLAS detector</i> , Physical Review D, vol.96, Issue: 5, Article Number: 052004, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.96.052004	Q1
46	FF	Gravila et.al: <i>Top-quark mass measurement in the all-hadronic t(t)over-bar decay channel at root s=8 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue:9, ISSN: 1029-8479, , DOI: 10.1007/JHEP09(2017)118	Q1
47	FF	Gravila et.al: <i>Study of WW gamma and WZ gamma production in pp collisions at root s=8 TeV and search for anomalous quartic gauge couplings with the ATLAS experiment</i> , European Physical Journal C, vol. 77, Issue: 9, Article Number: 646, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5180-3	Q1
48	FF	Gravila et.al: <i>Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb(-1) of root s=13 TeV pp collision data with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 9, Article Number: 084, ISSN: 1029-8479, DOI: 10.1007/JHEP09(2017)084	Q1
49	FF	Gravila et.al: <i>Search for new phenomena in a lepton plus high jet multiplicity final state the ATLAS experiment using root S=13 TeV proton-proton collision data</i> , Journal of High Energy Physics , Issue: 9, Article Number: 088, ISSN: 1029-8479, DOI: 10.1007/JHEP09(2017)088	Q1
50	FF	Gravila et.al: <i>Measurement of the inclusive jet cross-sections in proton-proton collisions at root s=8 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 9, Article Number: 020, ISSN: 1029-8479, DOI: 10.1007/JHEP09(2017)020	Q1
51	FF	Gravila et.al: <i>Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector</i> , European Physical Journal C, vol. 77, Issue: 9, Article Number: 580, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5081-5	Q1
52	FF	Gravila et.al: <i>Evidence for light-by-light scattering in heavy-ion collisions with the ATLAS detector at the LHC</i> , Nature Physics, Vol.13, Issue: 9, pp.852+, ISSN: 1745-2473, DOI: 10.1038/NPHYS4208	Q1
53	FF	Gravila et.al: <i>Measurements of long-range azimuthal anisotropies and associated Fourier coefficients for pp collisions at root s=5.02 and 13 TeV and p plus Pb collisions at root s=5.02 TeV with the ATLAS detector</i> , Physical Review C, vol. 96, Issue:2, Article Number: 024908, ISSN: 2469-9985, DOI: 10.1103/PhysRevC.96.024908	Q1
54	FF	Gravila et.al: <i>Measurement of WW/WZ -> lvqq ' production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at root s=8 TeV with ATLAS, and constraints on anomalous gauge couplings</i> , European Physical Journal C, vol.77, Issue: 8, Article Number:563, ISSN:1434-6044, DOI: 10.1140/epjc/s10052-017-5084-2	Q1

55	FF	Gravila et.al: <i>Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in root S=13 TeV pp collisions with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 8, pp.1-40, ISSN:1029-8479, DOI: 10.1007/JHEP08(2017)052	Q1
56	FF	Gravila et.al: <i>Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8TeV using data collected by the ATLAS detector</i> , European Physical Journal C, vol.77, Issue: 8, Article Number: 531, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5061-9	Q1
57	FF	Gravila et.al: <i>Measurement of the k(t) splitting scales in Z -> ll events in pp collisions at root s=8TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 8, Article Number: 026, ISSN: 1029-8479, DOI:10.1007/JHEP08(2017)026	Q1
58	FF	Gravila et.al: <i>Search for the Dimuon Decay of the Higgs Boson in pp Collisions at root s=13 TeV with the ATLAS Detector</i> , Physical Review Letters, vol.119, Issue: 5, Article Number: 051802, ISSN:0370-2693, DOI: 10.1103/PhysRevLett.119.051802	Q1
59	FF	Gravila et.al: <i>Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in root s=13 TeV pp collisions with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 8, Article Number: 006, ISSN: 1029-8479, DOI: 10.1007/JHEP08(2017)006	Q1
60	FF	Gravila et.al: <i>Measurement of (WW +/-)-W +/- vector-boson scattering and limits on anomalous quartic gauge couplings with the ATLAS detector</i> , Physical Review D, vol. 96, Issue: 1, Article Number: 012007, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.96.012007	Q1
61	FF	Gravila et.al: <i>Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1</i> , European Physical Journal C, vol.77, Issue: 7, Article Number: 490, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5004-5	Q1
62	FF	Gravila et.al: <i>Studies of Z gamma production in association with a high-mass dijet system in pp collisions at root s=8 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 7, Article Number:107, ISSN:1029-8479, DOI: 10.1007/JHEP07(2017)107	Q1
63	FF	Gravila et.al: <i>Measurements of electroweak W j j production and constraints on anomalous gauge couplings with the ATLAS detector</i> , European Physical Journal C, vol.77, Issue:7, Article Number:474, ISSN:1434-6044, DOI: 10.1140/epjc/s10052-017-5007-2	Q1
64	FF	Gravila et.al: <i>Jet reconstruction and performance using particle flow with the ATLAS Detector</i> , European Physical Journal C, vol.77, Issue: 7, Article Number:466, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-5031-2	Q1
65	FF	Gravila et.al: <i>Measurement of the cross section for inclusive isolated-photon production in pp collisions at root s=13 TeV using the ATLAS detector</i> , Physics Letters B, vol. 770, pp. 473-493, ISSN: 0370-2693, DOI: 10.1016/j.physletb.2017.04.072	Q1

66	FF	Gravila et.al: <i>Measurement of forward-backward multiplicity correlations in lead-lead, proton-lead, and proton-proton collisions with the ATLAS detector</i> , Physical Review C, vol.95, Issue:6, Article Number: 064914, ISSN: 1434-6044, DOI: 10.1103/PhysRevC.95.064914	Q1
67	FF	Gravila et.al: <i>Measurements of integrated and differential cross sections for isolated photon pair production in pp collisions at root s=8 TeV with the ATLAS detector</i> , Physical Review D, vol.95, Issue:11, Article Number: 112005, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.95.112005	Q1
68	FF	Gravila et.al: <i>Measurement of multi-particle azimuthal correlations in pp, p plus Pb and low-multiplicity Pb plus Pb collisions with the ATLAS detector</i> , European Physical Journal C, vol. 77, Issue:6, Article Number:428, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4988-1	Q1
69	FF	Gravila et.al: <i>Search for dark matter at root s=13 TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector</i> , European Physical Journal C, vol.77, Issue: 6, Article Number: 393, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4965-8	Q1
70	FF	Gravila et.al: <i>Measurement of jet fragmentation in Pb plus Pb and pp collisions at root s(NN)=2.76 TeV with the ATLAS detector at the LHC</i> , European Physical Journal C, vol.77, Issue: 6, Article Number: 379, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4915-5	Q1
71	FF	Gravila et.al: <i>Precision measurement and interpretation of inclusive W+, W- and Z/gamma* production cross sections with the ATLAS detector</i> , European Physical Journal C, vol. 77, Issue:6, Article Number: 367, ISSN:1434-6044, DOI: 10.1140/epjc/s10052-017-4911-9	Q1
72	FF	Gravila et.al: <i>Measurements of the production cross section of a Z boson in association with jets in pp collisions at root s=13 TeV with the ATLAS detector</i> , European Physical Journal C, vol.77, Issue: 6, Article Number: 361, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4900-z	Q1
73	FF	Gravila et.al: <i>Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC</i> , European Physical Journal C, vol. 77, Issue:5, Article Number: 332, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4887-5	Q1
74	FF	Gravila et.al: <i>Performance of the ATLAS trigger system in 2015</i> , European Physical Journal C, vol.77, Issue: 5, Article Number: 317, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4852-3	Q1
75	FF	Gravila et.al: <i>Measurements of top-quark pair differential cross-sections in the e mu channel in pp collisions at root s=13 TeV using the ATLAS detector</i> , European Physical Journal C, vol.77, Issue:5, Article Number:292, ISSN:1434-6044, DOI: 10.1140/epjc/s10052-017-4821-x	Q1
76	FF	Gravila et.al: <i>Probing the W tb vertex structure in t-channel single-top-quark production and decay in pp collisions at root s=8 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 4, Article Number:124, ISSN: 1029-8479, DOI: 10.1007/JHEP04(2017)124	Q1

77	FF	Gravila et.al: <i>Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at root s=13 TeV with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 4, Article Number:086, ISSN:1029-8479, DOI: 10.1007/JHEP04(2017)086	Q1
78	FF	Gravila et.al: <i>Performance of algorithms that reconstruct missing transverse momentum in root s=8 TeV proton-proton collisions in the ATLAS detector</i> , European Physical Journal C, vol. 77, Issue: 4, Article Number: 241, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4780-2	Q1
79	FF	Gravila et.al: <i>Measurement of the W boson polarisation in t(t)over-barevents from pp collisions at root s=8 TeV in the lepton plus jets channel with ATLAS</i> , European Physical Journal C, vol.77, Issue: 4, Article Number: 264, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4819-4	Q1
80	FF	Gravila et.al: <i>Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions root s=13TeV with the ATLAS detector</i> , European Physical Journal C, vol.77, Issue:4, Article Number:220, ISSN:1434-6044, DOI: 10.1140/epjc/s10052-017-4766-0	Q1
81	FF	Gravila et.al: <i>Measurement of the t(t)over-bar production cross section in the tau plus jets final state in pp collisions at root s=8 TeV using the ATLAS detector</i> , Physical Review D, vol.95, Issue:7, Article Number: 072003, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.95.072003	Q1
82	FF	Gravila et.al: <i>Measurement of charged-particle distributions sensitive to the underlying event in root s=13 TeV proton-proton collisions with the ATLAS detector at the LHC</i> , Journal of High Energy Physics, Issue:3, Article Number:157, ISSN:1029-8479, DOI: 10.1007/JHEP03(2017)157	Q1
83	FF	Gravila et.al: <i>Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data</i> , European Physical Journal C, vol.77, Issue: 3, Article Number:195, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4756-2	Q1
84	FF	Gravila et.al: <i>Measurements of top quark spin observables in tt events using dilepton final states in root s=8 TeV pp collisions with the ATLAS detector</i> , Journal of High Energy Physics, Issue: 3, Article Number:113, ISSN: 1029-8479, DOI: 10.1007/JHEP03(2017)113	Q1
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86	FF	Gravila et.al: <i>Search for triboson (WWW -/+)-W-+/-W-+/- production in pp collisions at root s=8 TeV with the ATLAS detector</i> , European Physical Journal C, vol. 77, Issue: 3, Article Number: 141, ISSN: 1434-6044, DOI: 10.1140/epjc/s10052-017-4692-1	Q1
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