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1	Bunoiu, M.; Bica, I.	Magnetorheological elastomer based on silicone rubber, carbonyl iron and Rochelle salt: Effects of alternating electric and static magnetic fields intensities	Journal of Industrial And Engineering Chemistry, vol.37, pp. 312-318, DOI: 10.1016/j.jiec.2016.03.047 WOS: 00037773100040, ISSN:1226-086X
2	Dragan A.	Social economy in post-communist Romania: what kind of volunteering for what type of NGOs	Journal of Balkan and Near Eastern Studies, pp.330-350, doi.org/10.1080/19448953.2017.1277088, ISSN: 1944-8953
3	Belgiu, M.; Dragut, L.	Random forest in remote sensing: A review of applications and future directions	ISPRS Journal of Photogrammetry and Remote Sensing, vol.114 pp: 24-31, DOI: 10.1016/j.isprsjprs.2016.01.011,ISSN: 0924-2716
4	Mihel D., Zaharia C.	On some classes of nonlinear contractions in probabilistic metric spaces, Fuzzy Sets and Systems2	Fuzzy Sets and Systems, vol. 300, pp. 84-92, DOI: 10.1016/j.fss.2016.04.005, ISSN: 0165-0114
5	Paulescu, E.; Blaga, R.	Regression models for hourly diffuse solar radiation	Solar Energy, vol.125, pp:111-124, DOI: 10.1016/j.solener.2015.11.044,ISSN:0038-092X
6	Stefu, N.; Paulescu, M.; Blaga, R.; et al.	A theoretical framework for Ångström equation. Its virtues and liabilities in solar energy estimation	Energy Conversion and Management, vol.112 pp.236-245, DOI: 10.1016/j.enconman.2016.01.021, ISSN: 0196-8904
7	Brabec, M.; Badescu, V., Paulescu, M.; et al.	A new perspective on the relationship between cloud shade and point cloudiness	Atmospheric Research, vol.172, pp.136-146, DOI: 10.1016/j.atmosres.2016.01.006, ISSN: 0169-8095
8	Badescu, V.; Paulescu, M.; Brabec, M.	Reconstruction of effective cloud field geometry from series of sunshine number	Atmospheric Research, vol.176, pp. 254-266, DOI: 10.1016/j.atmosres.2016.03.004, ISSN: 0169-8095
9	Brabec, M.; Badescu, V.; Dumitrescu, A., Paulescu M.et al.	A new point of view on the relationship between global solar irradiation and sunshine quantifiers	Solar Energy, vol.126, pp. 252-263, DOI: 10.1016/j.solener.2016.01.009, ISSN: 0038-092X
10	Pal, R.; Chelmis, C.; Frincu, M.; et al.	MATCH for the Prosumer Smart Grid The Algorithmics of Real-Time Power Balance	IEEE Transactions on Parallel And Distributed Systems, vol. 27, Issue: 12, pp. 3532-3546, DOI: 10.1109/TPDS.2016.2544316, ISSN: 1045-9219
11	Sfiroaga, P.; Marin, C.N.; Malaescu, I.; et al.	The electrical performance of ceramics materials with perovskite structure doped with metallic ions	Ceramics International, vol.42, Issue: 16 pp.18960-18964, DOI: 10.1016/j.ceramint.2016.09.048, ISSN: 0272-8842
12	Malaescu, I.; Lungu, A.; Marin, C.N.; et al.	Experimental investigations of the structural transformations induced by the heat treatment in manganese ferrite synthesized by ultrasonic assisted co-precipitation method	Ceramics International, vol. 42, Issue: 15 pp.16744-16748, DOI: 10.1016/j.ceramint.2016.07.147, ISSN: 0272-8842
13	Zaharie, D.; Moleriu, R.D.; Mic, F.A.	Modeling the development of the post-natal mouse thymus in the absence of bone marrow progenitors	Scientific Reports, Vol. 6, Article Number: 36159, DOI: 10.1038/srep36159, ISSN: 2045-2322
14	Buse, C.; O'Regan, D.; Saijerli, O.; et al.	Hyers-Ulam stability and discrete dichotomy for difference periodic systems	Bulletin Des Sciences Mathematiques, vol.140 Issue: 8, pp.908-934, DOI: 10.1016/j.bulsci.2016.03.010, ISSN: 0007-4497
15	Blaga, R.Busuioac, S.	Quantum Larmor radiation in de Sitter spacetime	European Physical Journal C, vol.76 Issue: 9, Article Number: 500, DOI: 10.1140/epjc/s10052-016-4341-0, ISSN: 1434-6044
16	Mutascu, M.	A bootstrap panel Granger causality analysis of energy consumption and economic growth in the G7 countries	Renewable & Sustainable Energy Reviews, vol.63, pp.166-171, DOI: 10.1016/j.rser.2016.05.055, ISSN: 1364-0321
17	Paulescu, M.; Stefu, N.; Calinoiu, D.; et al.	Ångström-Prescott equation: Physical basis, empirical models and sensitivity analysis	Renewable & Sustainable Energy Reviews, vol. 62, pp.495-506, DOI: 10.1016/j.rser.2016.04.012, ISSN: 1364-0321
18	Vignoles, V.L.; Owe, E; Becker, M.; et al.	Beyond the 'East-West' Dichotomy: Global Variation in Cultural Models of Selfhood	Journal of Experimental Psychology-General, vol.145, Issue: 8, DOI: 10.1037/xge0000175, ISSN: 0096-3445
19	Cotaescu, I. I.; Crucean, C.; Sporea, C. A.	Partial wave analysis of the Dirac fermions scattered from Reissner-Nordstrom charged black holes	European Physical Journal C, vol. 76 Issue:7, Article Number:413, DOI: 10.1140/epjc/s10052-016-4260-0, ISSN: 1434-6044
20	Ambrus, V.E.; Sofonea, V.	Lattice Boltzmann models based on half-range Gauss-Hermite quadratures	Journal of Computational Physics, vol.: 316, pp.760-788, DOI: 10.1016/j.jcp.2016.04.010, ISSN: 0021-9991
21	Patrulea, V.; Hirt-Burri, N.; Jeannerat, A.; et al.	Peptide-decorated chitosan derivatives enhance fibroblast adhesion and proliferation in wound healing	Carbohydrate Polymers, vol. 142, pp.114-123, DOI: 10.1016/j.carbpol.2016.01.045, ISSN: 0144-8617
22	Sarbu, M.; Robu, A. C.; Ghiulai, R. M.; et al.	Electrospray Ionization Ion Mobility Mass Spectrometry of Human Brain Gangliosides	Analytical Chemistry, vol. 88, Issue: 10 pp: 5166-5178, DOI: 10.1021/acs.analchem.6b00155, ISSN: 0003-2700
23	Bora, A.; Avram, S.; Ciucanu, I.et al.	Predictive Models for Fast and Effective Profiling of Kinase Inhibitors	Journal of Chemical Information and Modeling, vol.56, Issue: 5, pp. 895-905, DOI: 10.1021/acs.jcim.5b00646, ISSN: 1549-9596
24	Makra, L.; Matyasovszky, I.; Tusnady, G.; et al.	Biogeographical estimates of allergenic pollen transport over regional scales: Common ragweed and Szeged, Hungary as a test case	Agricultural And Forest Meteorology, vol: 221, pp. 94-110, DOI: 10.1016/j.agrformet.2016.02.006, ISSN: 0168-1923
25	Necsoiu, M.; Onaca, A.; Wigginton, S.; et al.	Rock glacier dynamics in Southern Carpathian Mountains from high-resolution optical and multi-temporal SAR satellite imagery	Remote Sensing of Environment, vol.: 177, pp. 21-36, DOI: 10.1016/j.rse.2016.02.025, ISSN: 0034-4257
26	Craciunescu, C.Ercuta, A.	Shape memory microactuation design by substrate's reinforcement layers	Materials & Design, vol. 96, pp.364-369, DOI: 10.1016/j.matdes.2016.02.033,ISSN:0261-3069
27	Dragoi, R.G; Amaricai, E.; Dragoi, M.; et al.	Inspiratory muscle training improves aerobic capacity and pulmonary function in patients with ankylosing spondylitis: a randomized controlled study	Clinical Rehabilitation, vol. 30, Issue: 4 pp.340-346, DOI: 10.1177/0269215515578292, ISSN: 0269-2155
28	Madroane, I.D.	The media construction of remittances and transnational social ties: migrant-non-migrant relationships in the Romanian press	Identities-Global Studies in Culture and Power, vol.23, Issue: 2, pp.228-246, DOI: 10.1080/1070289X.2015.1054393, ISSN: 1070-289X
29	Maricutoiu, L. P.; Sava, F. A.; Butta, O.	The effectiveness of controlled interventions on employees' burnout: A meta-analysis	Journal of Occupational and Organizational Psychology, vol. 89, Issue: 1, pp.1-27, DOI: 10.1111/joop.12099, ISSN: 0963-1798
30	Cotaescu, I. I.; Crucean, C.; Sporea, C. A.	Partial wave analysis of the Dirac fermions scattered from Schwarzschild black holes	European Physical Journal C, vol.76, Issue: 3, Article Number: 102, DOI: 10.1140/epjc/s10052-016-3936-9, ISSN: 1434-6044
31	Copilas-Ciocianu, D.; Boros, B.V.	Contrasting life history strategies in a phylogenetically diverse community of freshwater amphipods (Crustacea: Malacostraca)	ZOOLOGY, vol.119, Issue: 1, pp. 21-29, DOI: 10.1016/j.zool.2015.11.001, ISSN: 0944-2006
32	Jebelean, P.; Mawhin, J.; Serban, C.	Periodic solutions for discontinuous perturbations of the relativistic operator	Bulletin Des Sciences Mathematiques, vol.140, Issue:1, pp.99-117, DOI: 10.1016/j.bulsci.2015.02.002, ISSN: 0007-4497
33	Sasu, A.L.; Sasu, B.	Admissibility and exponential trichotomy of dynamical systems described by skew-product flows	Journal of Differential Equations, vol. 260, Issue: 2, pp.1656-1689, DOI: 10.1016/j.jde.2015.09.042, ISSN: 0022-0396
34	Janssens, B.; Vizman, C.	Universal Central Extension of the Lie Algebra of Hamiltonian Vector Fields	International Mathematics Research Notices Issue: 16 pp: 4996-5047, DOI: 10.1093/imrn/rnv301, ISSN: 1073-7928
35	Secu, M.; Secu, C. E.; Bartha, C.	Crystallization and luminescence properties of a new Eu ³⁺ -doped LaOCi nano-glass-ceramic	Journal of the European Ceramic Society, vol.36 Issue:1, pp.203-207, DOI: 10.1016/j.jeurceramsoc.2015.09.001, ISSN: 0955-2219
36	Gravlia et al	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at root s=13 TeV recorded with the ATLAS detector	European Physical Journal C, vol.76, Issue:12, Article Number:683, DOI: 10.1140/epjc/s10052-016-4481-2, ISSN:1434-6044
37	Gravlia et al	Measurement of W+W- production in association with one jet in proton-proton collisions at root s=8 TeV with the ATLAS detector	Physics Letters B, vol.763, pp.114-133, DOI: 10.1016/j.physletb.2016.10.014, ISSN: 0370-2693
38	Gravlia et al	Search for dark matter produced in association with a hadronically decaying vector boson in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, vol. 763, pp.251-268, DOI: 10.1016/j.physletb.2016.10.042, ISSN: 0370-2693

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39	Gravila et.al	Transverse momentum, rapidity, and centrality dependence of inclusive charged-particle production in root s(NN)=5.02 TeV p+Pb collisions measured by the ATLAS experiment	Physics Letters B, vol. 763, pp.313-336, DOI: 10.1016/j.physletb.2016.10.053,ISSN: 0370-2693
40	Gravila et.al	Measurement of the b(b)over-bar dijet cross section in pp collisions at root s=7TeV with the ATLAS detector	European Physical Journal C, vol.76, Issue:12, Article Number:670, DOI: 10.1140/epjc/s10052-016-4521-y,ISSN: 1434-6044
41	Gravila et.al	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data	European Physical Journal C, vol.76, Issue: 12, Article Number: 666, DOI: 10.1140/epjc/s10052-016-4507-9, ISSN: 1434-6044
42	Gravila et.al	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector	European Physical Journal C,vol. 76, Issue:12, Article Number: 658, DOI: 10.1140/epjc/s10052-016-4499-5, ISSN: 1434-6044
43	Gravila et.al	Luminosity determination in pp collisions at root s=8 TeV using the ATLAS detector at the LHC	European Physical Journal C, vol.76, Issue:12, DOI: 10.1140/epjc/s10052-016-4466-1, ISSN: 1434-6044
44	Gravila et.al	Measurement of the W-+- Z boson pair-production cross section in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, vol. 762, pp.1-22, DOI: 10.1016/j.physletb.2016.08.052, ISSN: 0370-2693
45	Gravila et.al	Search for new resonances in events with one lepton and missing transverse momentum in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, vol.762, pp.334-352, DOI: 10.1016/j.physletb.2016.09.040, ISSN: 0370-2693
46	Gravila et.al	Search for the Higgs boson produced in association with a W boson and decaying to four b-quarks via two spin-zero particles in pp collisions at 13 TeV with the ATLAS detector	European Physical Journal C, vol.76, Issue:11, Article Number: 605, DOI: 10.1140/epjc/s10052-016-4418-9,ISSN: 1434-6044
47	Gravila et.al	Search for Minimal Supersymmetric Standard Model Higgs bosons H/A and for a Z' boson in the tau tau final state produced in pp collisions at root s=13 TeV with the ATLAS Detector	European Physical Journal C, vol. 76, Issue: 11, Article Number: 585, DOI: 10.1140/epjc/s10052-016-4400-6, ISSN: 1434-6044
48	Gravila et.al	Performance of pile-up mitigation techniques for jets in pp collisions at root s=8 TeV using the ATLAS detector	European Physical Journal C, vol. 76, Issue:11, Article Number:581,
49	Gravila et.al	Measurement of the Inelastic Proton-Proton Cross Section at root s=13 TeV with the ATLAS Detector at the LHC	Physical Review Letters, vol.117, Issue:18, Article Number: 182002, DOI: 10.1103/PhysRevLett.117.182002, ISSN: 0031-9007
50	Gravila et.al	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at root s=13 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue:10, Article Number: 565, DOI: 10.1140/epjc/s10052-016-4397-x, ISSN: 1434-6044
51	Gravila et.al	Measurement of the t(t)over-bar production cross-section using e mu events with b-tagged jets in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, vol.761, pp.136-157, DOI: 10.1016/j.physletb.2016.08.019, ISSN: 0370-2693
52	Gravila et.al	Measurement of the total cross section from elastic scattering in pp collisions at root s=8 TeV with the ATLAS detector	Physics Letters B, vol.761, pp.158-178, DOI: 10.1016/j.physletb.2016.08.020, ISSN: 0370-2693
53	Gravila et.al	Measurement of the top quark mass in the t(t)over-bar -> dilepton channel from root s=8TeVATLAS data	Physics Letters B, vol. 761, pp. 350-371,DOI: 10.1016/j.physletb.2016.08.042, ISSN: 0370-2693
54	Gravila et.al	Search for high-mass new phenomena in the dilepton final state using proton-proton collisions at root s=13 TeV with the ATLAS detector	PHYSICS LETTERS B, vol. 761, pp.372-392, DOI: 10.1016/j.physletb.2016.08.055, ISSN: 0370-2693
55	Gravila et.al	Measurements of top-quark pair differential cross-sections in the lepton plus jets channel in pp collisions at root s=8 TeV using the ATLAS detector	European Physical Journal C, vol.76, Issue: 10, Article Number: 538, DOI: 10.1140/epjc/s10052-016-4366-4, ISSN: 1434-6044
56	Gravila et.al	The performance of the jet trigger for the ATLAS detector during 2011 data taking	European Physical Journal C, vol.76, Issue: 10, Article Number: 526, DOI: 10.1140/epjc/s10052-016-4325-0, ISSN: 1434-6044
57	Gravila et.al	Search for supersymmetry in a final state containing two photons and missing transverse momentum in root s=13 TeV pp collisions at the LHC using the ATLAS detector	European Physical Journal C, vol.76, Issue: 9, Article Number:517, DOI: 10.1140/epjc/s10052-016-4344-x, ISSN: 1434-6044
58	Gravila et.al	Study of the rare decays of B-s(0) and B-0 into muon pairs from data collected during the LHC Run 1 with the ATLAS detector	European Physical Journal C, vol.76, Issue: 9, Article Number: 513, DOI: 10.1140/epjc/s10052-016-4338-8, ISSN: 1434-6044
59	Gravila et.al	Charged-particle distributions at low transverse momentum in root s=13 TeV pp interactions measured with the ATLAS detector at the LHC	European Physical Journal C, vol.76, Issue: 9, Article Number:502, DOI: 10.1140/epjc/s10052-016-4335-y, ISSN: 1434-6044
60	Gravila et.al	Search for TeV-scale gravity signatures in high-mass final states with leptons and jets with the ATLAS detector at root s=13 TeV	Physics Letters B, vol.760, pp. 520-537 DOI: 10.1016/j.physletb.2016.07.030,ISSN: 0370-2693
61	Gravila et.al	Search for heavy long-lived charged R-hadrons with the ATLAS detector in 3.2 fb(-1) of proton-proton collision data at root s=13 TeV	Physics Letters B, vol.760, pp.647-665 DOI: 10.1016/j.physletb.2016.07.042, ISSN: 0370-2693
62	Gravila et.al	Search for scalar leptoquarks in pp collisions at root s=13TeV with the ATLAS experiment	New Journal of Physics, vol. 18, Article Number: 093016, DOI: 10.1088/1367-2630/18/9/093016, ISSN: 1367-2630
63	Gravila et.al	Search for Higgs and Z Boson Decays to phi gamma with the ATLAS Detector	Physical Review Letters, vol.117, Issue: 11, Article Number: 111802 DOI: 10.1103/PhysRevLett.117.111802, ISSN: 0031-9007
64	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	Physics Letters B, vol.759, pp. 229-246, DOI: 10.1016/j.physletb.2016.05.064, ISSN: 0370-2693
65	Gravila et.al	Search for charged Higgs bosons produced in association with a top quark and decaying via H-+- -> tau nu using pp collision data recorded at root s=13 TeV by the ATLAS detector	Physics Letters B, vol.759, pp. 555-574 DOI: 10.1016/j.physletb.2016.06.017, ISSN: 0370-2693
66	Gravila et.al	Measurement of W-+- and Z-boson production cross sections in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, vol.759, pp. 601-621, DOI: 10.1016/j.physletb.2016.06.023, ISSN: 0370-2693
67	Gravila et.al	Search for single production of vector-like quarks decaying into Wb in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol.76, Issue: 8, Article Number: 442, DOI: 10.1140/epjc/s10052-016-4281-8, ISSN: 1434-6044
68	Gravila et.al	Charged-particle distributions in pp interactions at root s=8TeV measured with the ATLAS detector	European Physical Journal C, vol.76, Issue:7, Article Number: 403, DOI: 10.1140/epjc/s10052-016-4203-9 ISSN: 1434-6044
69	Gravila et.al	Search for squarks and gluinos in final states with jets and missing transverse momentum at root s=13 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 7, Article Number:392, DOI: 10.1140/epjc/s10052-016-4184-8, ISSN: 1434-6044
70	Gravila et.al	A search for an excited muon decaying to a muon and two jets in pp collisions at root s=8 TeV with the ATLAS detector	New Journal of Physics, vol. 18, Article Number:073021, DOI: 10.1088/1367-2630/18/7/073021, ISSN: 1367-2630
71	Gravila et.al	Charged-particle distributions in root s=13 TeV pp interactions measured with the ATLAS detector at the LHC	Physics Letters B, vol.758, pp.67-88, DOI: 10.1016/j.physletb.2016.04.050, ISSN: 0370-2693
72	Gravila et.al	Measurement of W-+- and Z-boson production cross sections in pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, vol. 759, pp. 601-621, DOI: 10.1016/j.physletb.2016.06.023, ISSN: 0370-2693
73	Gravila et.al	Search For Single Production Of Vector-Like Quarks Decaying Into Wb In Pp Collisions At Root S=8 Tev With The ATLAS Detector	European Physical Journal C, vol. 76, Issue: 8, Article Number: 442, DOI: 10.1140/Epjc/S10052-016-4281-8, ISSN: 1434-6044
74	Gravila et.al	Measurement Of Event-Shape Observables In Z -> L(+)-L(-) Events In Pp Collisions At Root S=7 Tev With The ATLAS Detector At The LHC	European Physical Journal C, vol. 76, Issue: 7, Article Number:375, DOI: 10.1140/Epjc/S10052-016-4176-8, ISSN: 1434-6044
75	Gravila et.al	Measurement of the charged-particle multiplicity inside jets from root s=8 TeV pp collisions with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 6, Article Number: 322, DOI: 10.1140/epjc/s10052-016-4126-5, ISSN: 1434-6044
76	Gravila et.al	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using root s=13 TeV proton-proton collisions	Physics Letters B, vol.757, pp.334-355, DOI: 10.1016/j.physletb.2016.04.005, ISSN: 0370-2693

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77	Gravila et.al	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment	European Physical Journal C, vol. 76, Issue: 5, Article Number: 29, DOI: 10.1140/epjc/s10052-016-4110-0, ISSN: 1434-6044
78	Gravila et.al	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at root s=13 TeV	European Physical Journal C, vol. 76, Issue: 5, Article Number: 292, DOI: 10.1140/epjc/s10052-016-4120-y, ISSN: 1434-6044
79	Gravila et.al	Measurement of the transverse momentum and $\phi(\eta)^*$ distributions of Drell-Yan lepton pairs in proton-proton collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 5, Article Number: 29, DOI: 10.1140/epjc/s10052-016-4070-4, ISSN: 1434-6044
80	Gravila et.al	Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\psi(2S)$ in pp collisions at root s=7 and 8 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 5, Article Number: 283, DOI: 10.1140/epjc/s10052-016-4050-8, ISSN: 1434-6044
81	Gravila et.al	Measurement of the dependence of transverse energy production at large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at root s=2.76 TeV with ATLAS	Physics Letters B, vol. 756, pp. 10-28, DOI: 10.1016/j.physletb.2016.02.056, ISSN: 0370-2693
82	Gravila et.al	Measurement of the charge asymmetry in highly boosted top-quark pair production in root s=8 TeV pp collision data collected by the ATLAS experiment	Physics Letters B, vol. 756, DOI: 10.1016/j.physletb.2016.02.055: 52-71, ISSN: 0370-2693
83	Gravila et.al	Evidence for single top-quark production in the s-channel in proton-proton collisions at root s=8 TeV with the ATLAS detector using the Matrix Element Method	Physics Letters B, vol. 756, pp. 228-246, DOI: 10.1016/j.physletb.2016.03.017, ISSN: 0370-2693
84	Gravila et.al	Search for supersymmetry at root s=13 TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 5, Article Number: 259, DOI: 10.1140/epjc/s10052-016-4095-8, ISSN: 1434-6044
85	Gravila et.al	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector	European Physical Journal C, vol. 76, Issue: 5, Article Number: 238, DOI: 10.1140/epjc/s10052-016-4065-1, ISSN: 1434-6044
86	Gravila et.al	Observation of Long-Range Elliptic Anisotropies in root s=13 and 2.76 TeV pp Collisions with the ATLAS Detector	Physical Review Letters, vol.116, Issue: 17, Article Number: 172301, DOI: 10.1103/PhysRevLett.116.172301, ISSN: 0031-9007
87	Gravila et.al	Probing lepton flavour violation via neutrinoless tau $\rightarrow 3\mu$ decays with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 5, Article Number: 232, DOI: 10.1140/epjc/s10052-016-4041-9, ISSN: 1434-6044
88	Gravila et.al	Search for new phenomena in events with at least three photons collected in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 4, Article Number: 210, DOI: 10.1140/epjc/s10052-016-4034-8, ISSN: 1434-6044,
89	Gravila et.al	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at root s(NN)=5.02 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 4, Article Number: 199, DOI: 10.1140/epjc/s10052-016-4002-3, ISSN: 1434-6044,
90	Gravila et.al	Combination of searches for WW, WZ, and ZZ resonances in pp collisions at s=8 TeV with the ATLAS detector	Physics Letters B, vol.755, pp. 285-305, DOI: 10.1016/j.physletb.2016.02.015,ISSN: 0370-2693
91	Gravila et.al	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at root s=8 TeV	European Physical Journal C, vol. 76, Issue: 3, Article Number: 154, DOI: 10.1140/epjc/s10052-016-3978-z, ISSN: 1434-6044
92	Gravila et.al	Measurement of the ZZ Production Cross Section in pp Collisions at root s=13 TeV with the ATLAS Detector	Physical Review Letters, vol.116, Issue:10, Article Number: 101801, DOI: 10.1103/PhysRevLett.116.101801, ISSN: 0031-9007
93	Gravila et.al	Dijet production in root s=7 TeV pp collisions with large rapidity gaps at the ATLAS experiment	Physics Letters B, vol.754, pp.214-234, DOI: 10.1016/j.physletb.2016.01.028, ISSN: 0370-2693
94	Gravila et.al	Search for new phenomena in dijet mass and angular distributions from pp collisions at root s=13 TeV with the ATLAS detector	Physics Letters B, vol.754, pp.302-322
95	Gravila et.al	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 2, Article Number: 87, DOI: 10.1140/epjc/s10052-016-3910-6, ISSN: 1434-6044
96	Gravila et.al	Search for direct top squark pair production in final states with two tau leptons in pp collisions at root s=8 TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue:2, Article Number:81, DOI: 10.1140/epjc/s10052-016-3897-z, ISSN: 1434-6044
97	Gravila et.al	Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian using differential cross sections measured in the $H \rightarrow \gamma\gamma$ decay channel at root s=8 TeV with the ATLAS detector	Physics Letters B, vol.753, pp.69-85, DOI: 10.1016/j.physletb.2015.11.071, ISSN: 0370-2693
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101	Gravila et.al	Search for flavour-changing neutral current top-quark decays to qZ in pp collision data collected with the ATLAS detector at root s=8 TeV	European Physical Journal C, vol. 76, Issue:1, Article Number:12, DOI: 10.1140/epjc/s10052-015-3851-5, ISSN: 1434-6044
102	Gravila et.al	Measurements of fiducial cross-sections for $t(\bar{t})$ over-bar production with one or two additional b-jets in pp collisions at root s=8 TeV using the ATLAS detector	European Physical Journal C, vol. 76, Issue:1, Article Number:11, DOI: 10.1140/epjc/s10052-015-3852-4, ISSN:1434-6044
103	Gravila et.al	Study of the $B_c(+)$ $\rightarrow J/\psi D_s(+)$ and $B_c(+)$ $\rightarrow J/\psi D_s^*(+)$ decays with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 1, Article Number:4, DOI: 10.1140/epjc/s10052-015-3743-8, ISSN:1434-6044
104	Gravila et.al	Searches for scalar leptoquarks in pp collisions at root s=8TeV with the ATLAS detector	European Physical Journal C, vol. 76, Issue: 1, Article Number:5, DOI: 10.1140/epjc/s10052-015-3823-9, ISSN: 1434-6044
105	Gravila et.al	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at root s=7 and 8 TeV in the ATLAS experiment	European Physical Journal C, vol. 76, Issue:1, Article Number:6, DOI: 10.1140/epjc/s10052-015-3769-y, ISSN: 1434-6044