

Nr.	Autori	Titlul Articolului	Jurnal
1	Agathos, A.; Li, Jun; Petcu, D.; et al.	Multi-GPU implementation of the Minimum Volume Simplex Analysis Algorithms for Hyperspectral Unmixing	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing Vol.: 7 Issue: 6 Special Issue: SI pp: 2281-2296, DOI: 10.1109/JSTARS.2014.2320896, ISSN:1939-1404
2	Ardelean M.	It's a bird, it's a plane, it's a... Supergrid!: Evolution, opportunities, and critical issues for pan-European transmission	IEEE Power and Energy Magazine DOI: 10.1109/MPE.2013.2294813, vol.12, Issue: 2, pp.40-50, ISSN:1540-7977
3	Balint, S., Balint, A.M.	The Concepts of Well-Posedness and Stability in Different Function Spaces for the 1D Linearized Euler Equations	Abstract And Applied Analysis Article Number: 872548, Vol. 2014, DOI: 10.1155/2014/872548, ISSN:1085-3375
4	Belgiu, M.; Dragut, L.	Comparing supervised and unsupervised multiresolution segmentation approaches for extracting buildings from very high resolution imagery	ISPRS Journal Of Photogrammetry And Remote Sensing, Vol.: 96 pp. 67-75, DOI: 10.1016/j.isprsjprs.2014.07.002, ISSN:0924-2716
5	Bereanu, C.; Jelebean, P.; Mawhin, J.	The Dirichlet problem with mean curvature operator in Minkowski space – a variational approach	Advanced Nonlinear Studies Vol.14 Issue: 2 pp: 315-326, WOS:000334591000004, ISSN:1536-1365
6	Bica, I.; Anitas, E.M.; Bunoiu, M.; et al.	Hybrid magnetorheological elastomer: Influence of magnetic field and compression pressure on its electrical conductivity	Journal of Industrial and Engineering Chemistry vol. 20, Issue 6, pp. 3994-3999 DOI: 10.1016/j.jiec.2013.12.102 WOS: 000343690600007, ISSN:1226-086X
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10	Craciunescu, C.; Ercuta, A.	Prediction of thermally-controlled actuation for shape memory alloy	Smart Materials And Structures, Vol.: 23 Issue: 7, DOI: 10.1088/0964-1726/23/7/075025, ISSN:0964-1726
11	Dima, B.; Dinca, M.S.; Spulbar, C.	Financial Nexus: Efficiency And Soundness In Banking And Capital Markets	Journal of International Money and Finance, Vol. 47, pp.100–124, doi.org/10.1016/j.jimonfin.2014.05.002, ISSN:0261-5606
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19	Gravila et.al	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector	European Physical Journal C, Vol.74, Article Number: 3168, DOI: 10.1140/epjc/s10052-014-3168-9, ISSN:1434-6044
20	Gravila et.al	Measurement of flow harmonics with multi-particle cumulants in Pb plus Pb collisions at root(NN)-N-S=2.76 TeV with the ATLAS detector	European Physical Journal C, Vol.74 Issue:11 Article Number: 3157, DOI: 10.1140/epjc/s10052-014-3157-z, ISSN:1434-6044
21	Gravila et.al	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data	European Physical Journal C, Vol.74 Issue:11, Article Number: 3130, DOI: 10.1140/epjc/s10052-014-3130-x, ISSN:1434-6044
22	Gravila et.al	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in root s=8 TeV pp collisions with the ATLAS detector	Journal of High Energy Physics, Issue:11, Article Number: 118, DOI: 10.1007/JHEP11(2014)118, ISSN: 1029-8479
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25	Gravila et.al	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 11, Article Number: 088, DOI: 10.1007/JHEP11(2014)088, ISSN: 1029-8479
26	Gravila et.al	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 11, Article Number:056, DOI: 10.1007/JHEP11(2014)056, ISSN: 1029-8479
27	Gravila et.al	Measurement of the cross section of high transverse momentum Z -> b(b)over-bar production in proton-proton collisions at root s=8 TeV with the ATLAS detector	Physics Letters B , Vol.738, pp: 25-43, DOI: 10.1016/j.physletb.2014.09.020, ISSN: 0370-2693
28	Gravila et.al	Search for the Standard Model Higgs boson decay to mu(+)-mu(-) with the ATLAS detector	Physics Letters B Vol.738, pp: 68-86 DOI: 10.1016/j.physletb.2014.09.008, ISSN: 0370-2693
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30	Gravila et.al	Search for new resonances in W gamma and Z gamma final states in pp collisions at root s=8 TeV with the ATLAS detector	Physics Letters B vol.738, pp: 428-447 DOI: 10.1016/j.physletb.2014.10.002, ISSN: 0370-2693
31	Gravila et.al	Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in pp collisions at root s=7TeV with the ATLAS detector	New Journal of Physics, Vol. 16, Article Number:113013 DOI: 10.1088/1367-2630/16/11/113013, ISSN: 1367-2630
32	Gravila et.al	Measurements of jet veto and azimuthal decorrelations in dijet events produced in pp collisions at root s=7 TeV using the ATLAS detector	European Physical Journal C, Vol.74 Issue: 11, Article Number: 3117, DOI: 10.1140/epjc/s10052-014-3117-7, ISSN:1434-6044
33	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=7 and 8 TeV with the ATLAS detector	European Physical Journal C, Vol. 74 Issue: 10, Article Number: 3109, DOI: 10.1140/epjc/s10052-014-3109-7, ISSN:1434-6044
34	Gravila et.al	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector	Journal of High Energy Physics, Issue: 10, Article Number:141, DOI: 10.1007/JHEP10(2014)141, ISSN: 1029-8479
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36	Gravila et.al	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 10, Article Number: 096, DOI: 10.1007/JHEP10(2014)096 ISSN: 1029-8479, ISSN: 1029-8479

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38	Gravila et.al	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at root s=8 TeV proton-proton collisions with the ATLAS detector	Journal of High Energy Physics, Issue:10, Article Number: UNSP 024, 2014 DOI: 10.1007/JHEP10(2014)024, ISSN: 1029-8479
39	Gravila et.al	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data	European Physical Journal C , Vol.74, Issue:10, Article Number: 3071, 2014 DOI: 10.1140/epjc/s10052-014-3071-4, ISSN: 1434-6044
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43	Gravila et.al	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb(-1) of root s=8 TeV proton-proton collision data with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number: 103, DOI: 10.1007/JHEP09(2014)103, ISSN: 1029-8479
44	Gravila et.al	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at root s=7 TeV in 2010	European Physical Journal C, Vol.74 Issue: 9, Article Number: 3034, 2014 DOI: 10.1140/epjc/s10052-014-3034-9, ISSN:1434-6044
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47	Gravila et.al	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at=8 TeV with the ATLAS detector	Journal of High Energy Physics Issue: 9 , Article Number: 015 DOI: 10.1007/JHEP09(2014)015, ISSN: 1029-8479
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51	Gravila et.al	Measurement of the underlying event in jet events from 7 proton-proton collisions with the ATLAS detector	European Physical Journal C Vol. 74, Issue: 8 , Article Number: 2965 DOI: 10.1140/epjc/s10052-014-2965-5, ISSN:1434-6044
52	Gravila et.al	Measurement of chi(c1) and chi(c2) production with root s=7 TeV pp collisions at ATLAS	Journal of High Energy Physics, Issue: 7, Article Number: 154 DOI: 10.1007/JHEP07(2014)154, ISSN: 1029-8479
53	Gravila et.al	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data	European Physical Journal C , Vol. 4 Issue: 7, Article Number: 2941 DOI: 10.1140/epjc/s10052-014-2941-0, ISSN:1434-6044
54	Gravila et.al	The differential production cross section of the phi(1020) meson in root s=7 TeV pp collisions measured with the ATLAS detector	European Physical Journal C , Vol.74 Issue: 7, Article Number: 2895 DOI: 10.1140/epjc/s10052-014-2895-2, ISSN:1434-6044
55	Gravila et.al	Search for direct top-squark pair production in final states with two leptons in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 6 , Article Number: 124 DOI: 10.1007/JHEP06(2014)124, ISSN: 1029-8479
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61	Gravila et.al	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS	Physical Review Letters, Vol.112, Issue: 20, Article Number: 201802, DOI: 10.1103/PhysRevLett.112.201802, ISSN: 0031-9007
62	Gravila et.al	Measurement of the production of a W boson in association with a charm quark in pp collisions at root s=7 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 5 pp. 1-67 DOI: 10.1007/JHEP05(2014)068, ISSN: 1029-8479
63	Gravila et.al	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 5, pp. 1-52 , Article Number: 071 DOI: 10.1007/JHEP05(2014)071, ISSN: 1029-8479
64	Gravila et.al	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector	Journal of High Energy Physics, Issue: 5, Article Number: 059 DOI: 10.1007/JHEP05(2014)059, ISSN: 1029-8479
65	Gravila et.al	Search for Higgs boson decays to a photon and a Z boson in pp collisions at root s=7 and 8 TeV with the ATLAS detector	Physics Letters B , Vol.732 , pp: 8-27 DOI: 10.1016/j.physletb.2014.03.015, ISSN: 0370-2693
66	Gravila et.al	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in root s=8 TeV pp collisions with the ATLAS detector	Journal of High Energy Physics, Issue: 4, Article Number: 169 DOI: 10.1007/JHEP04(2014)169, ISSN: 1029-8479
67	Gravila et.al	Measurement of the production cross section of prompt J/psi mesons in association with a W (+/-) boson in pp collisions root s=7 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 4, Article Number: 172 DOI: 10.1007/JHEP04(2014)172, ISSN: 1029-8479
68	Gravila et.al	Study of heavy-flavor quarks produced in association with top-quark pairs at root s=7 TeV using the ATLAS detector	Journal of High Energy Physics, Issue: 4, Article Number: 031 DOI: 10.1103/PhysRevD.89.072012, ISSN: 1029-8479
69	Gravila et.al	Search for Quantum Black Hole Production in High-Invariant-Mass Lepton plus Jet Final States Using pp Collisions at root s=8 TeV and the ATLAS Detector	Physical Review Letters , Vol.112, Issue: 9 , Article Number: 091804 DOI: 10.1103/PhysRevLett.112.091804, ISSN: 0031-9007
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72	Gravila et.al	Measurement of the mass difference between top and anti-top quarks in pp collisions at root s=7 TeV using the ATLAS detector	Physics Letters B Vol: 728, pp: 363-379 DOI: 10.1016/j.physletb.2013.12.010
73	Gravila et.al	Search for new phenomena in photon plus jet events collected in proton-proton collisions at root s=8 TeV with the ATLAS detector	Physics Letters B Vol: 728, pp 562-578 DOI: 10.1016/j.physletb.2013.12.029

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